APPENDIX A

FIELD SAMPLING SHEETS

KLEINFELDER

Project: 33058.1.52

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.: Energy Fuels Milling

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer X Stainless Bailer X Grundfos Pump ___ Other:	pH meter (temperature): ___ Horiba U-22 X Horiba U-10 ___ Other: Serial No: 441	LCI	14:40	10-16-2007
Casing Diameter (in.): 4			Meter Calibration		
Total Well Depth (ft.): 488	Serial Number:	Cond Meter (temperature): ___ Horiba U-22 X Horiba U-10 ___ Other: Serial No: 441	Time: Manual Calibrations? Yes \ No pH ✓ D.O. ✓ Turbidity ✓		
Static Water Level (ft.): 407.45	Sample Equipment ___ Disposable Bailer ___ Stainless Bailer X Grundfos Pump ___ Other:		pH 4.00 = 4.10 at 25 °C pH ___ = ___ at ___ °C		
Water Thickness (ft.): 80.25	Serial Number:	Dissolved Oxygen Meter: \ Horiba U-22 X Other Serial No Horiba U-10 441	Conductance Standard: 4.49 S/m Other: ___ Measured Reading after calibration: 4.53		
Casing Volume (gal.): 52	Filtration Equipment: .45 micron filter Brand:		Dissolved Oxygen: Calibrated to ___ mg/l at ___ °C Redox: Calibrated to ___ mV at ___ °C		
Stick-up (ft.) / Screen Int. 499 (ft.) 459 (ft.)	Water Level Meter: X Solinst ___ Other:	Turbidity Meter: ___ Horiba U-22 ___ Horiba U-10 ___ Hach 2000	Turbidity: Standard 1: 5.3 Reading: 4.8 Standard 2: 58 Reading: 59 Standard 3: 535 Reading: 545		
Purge Containerized: ___ Yes X No Destination:	Serial No 37220	Serial No. 2100P 336441	Casing Volume multipliers: 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65) Sample Depth (feet): 466		Time: 16:20

Time	Number of Casing Volumes Removed	Gallons Removed	Temp °C	Conductivity (S \ m)	pH	Dissolved O_2 (mg/L)	Turbidity (NTU'S)	Water Level (ft. bgs)	Pump Rate ml/min	Approx Pump Depth (ft. bgs)	Visual Description
1453			19.2	2.93	7.35	2.43	>1000	?	45	466	Dark Gray
1500			17.6	2.94	7.83	2.61	>1000				
1520			17.9	3.16	7.81	2.59	18.5		4.5		Clear
1535			18.0	3.17	7.78	2.84	27.2				
1550			18.1	3.16	7.75	2.56	19.2				
1605			18.0	3.16	7.68	2.54	28.2		4.5		Clear
1610			17.9	3.16	7.69	2.60	25.6				
1615			17.9	3.17	7.69	2.62	30.3		4.5		Clear

Full Suite Y \ N	QC Samples:	PID/FID Readings	Initial Readings:	Sample Readings:
#	Duplicate Y \ (N) #	MiniRae UR	TOC:	TOC
Partial Suite Y \ N	Rinsate (Y) \ (N) # ER water	OVA	BZ	BZ
#	Trip Blank Y \ (N) #	MicroFID	Bkgd	Bkgd
		Serial No.:		

Additional Comments: initial volumeter reading 231627

Condition of Well: good

PPE Level: B | C | (D) (circle one)

Signature: [illegible]

Purge 7 casing volumes with pump as per scope of work prior to sampling well (7 x 52 = 364) Final flowmeter reading is 231991
Initial DTW 407.45' (BTOC) Final DTW 411.4 (BTOC)

KLEINFELDER

Water Level Worksheet

Date: 10/16/07

Personnel: D. Tanney

Project No.: 83088

Project Name: Energy Fuels

Site Conditions:

Time (24 hour)	Well I.D.	Casing Stick-up (ft.)	Product in Well? Yes \ No	Top of Product (ft \ toc)	Static Water Level (ft. \ toc)	Product Thickness (feet)	Total Depth (ft. \ toc)	Casing Volume (gal.)	Security Cap Yes or No	Security Lock Yes or No	Comments
	MW-6						488				SI
1515	MW-5				292.72	NA	299				SI
1615	MW-4				dry		65.57				SI 50-60 (67.49)
1547	-3				99.25		100				not GW
1600	-2				25.12		25.58	27.9			10' SI
1551	-1				dry		38				SI 15-
	PP1										

toc = top of casing

ft. = feet

Casing Volume multipliers: 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

KLEINFELDER
An employee owned company

WELL DEVELOPMENT (Cover Page)

Site/Screen Name: **Piñon Ridge, MW-5**
Location: **Paradox Valley, CO**
Lead Company: **Kleinfelder West, Inc.**
Supporting Company: **n/a**

Project No.: **83088 task 1.5.2**
Document Originator: **Lucero, Brian**
Document Reviewer:
Review Complete:

FINAL WELL DEVELOPMENT PARAMETERS

Well Total Depth: 299.71 **ft bgs** **Screened Interval:** 274.57 **ft bgs** **to** 294.19 **ft bgs**

Total Volume Withdrawn (Bailing): 4.5 **gals.** **Total Volume Withdrawn (Pumping):** n/a **gals.**

DEVELOPMENT TOOLS

Tool:	Bailer	**Description:**	Disposable poly bailer	**Used From**	1/30/2008	**to**	1/30/2008
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	

WELL DEVELOPMENT DATA

Date	Time	Tool	Totalizer Reading	Volume Withdrawn (gal.)	Cumulative Volume Withdrawn (gal.)	pH	Temp (°C)	SC (µS/cm)	Turbidity (NTU)	Pump Intake (ft. bgs.)	Comments
1/30/2008	11:55	Bailer	n/a	0.25	0.25	6.43	11.7	2357	n/a	n/a	DO = 5.95 mg/L
1/30/2008	12:10	Bailer	n/a	1.00	1.25	10.2	11.83	2435	n/a	n/a	DO = 3.45 mg/L
1/30/2008	12:47	Bailer	n/a	0.75	2.00	10.12	9.03	2545	n/a	n/a	DO = 3.38 mg/L
1/30/2008	13:10	Bailer	n/a	0.75	2.75	10.57	12.46	2415	n/a	n/a	DO = 5.37 mg/L
1/30/2008	13:20	Bailer	n/a	0.50	3.25	10.4	12.6	2390	n/a	n/a	DO = 6.09 mg/L
1/30/2008	13:31	Bailer	n/a	0.75	4.00	10.87	12.14	2360	n/a	n/a	DO = 6.38 mg/L
1/30/2008	13:40	Bailer	n/a	0.50	4.50	10.25	12.43	2338	n/a	n/a	DO = 6.02 mg/L

WELL DEVELOPMENT (Cover Page)

Site/Screen Name: **MW-6, Piñon Ridge**
Location: **Paradox Valley, CO**
Lead Company: **Kleinfelder West, Inc.**
Supporting Company: **Himes Drilling Co.**

Project No.: **83088 task 1.5.2**
Document Originator: **Lucero, Brian**
Document Reviewer:
Review Complete:

FINAL WELL DEVELOPMENT PARAMETERS

Well Total Depth: 484.49 **ft bgs** **Screened Interval:** 459.57 **ft bgs** **to** 479 **ft bgs**

Total Volume Withdrawn (Bailing): n/a **gals.** **Total Volume Withdrawn (Pumping):** 235.9 **gals.**

DEVELOPMENT TOOLS

Tool:	Pump	**Description:**	Grundfos 1.5 hp 10 stage	**Used From**	1/29/2008	**to**	1/29/2008
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	

WELL DEVELOPMENT DATA

Date	Time	Tool	Totalizer Reading	Volume Withdrawn (gal.)	Cumulative Volume Withdrawn (gal.)	pH	Temp (°C)	SC (µS/cm)	Turbidity (NTU)	Pump Intake (ft. bgs.)	Comments
1/29/2008	11:09	Pump	16922.1	0.0	0.0	n/a	n/a	n/a	n/a	470	Water at surface
1/29/2008	11:12	Pump	16923.1	1.0	1.0	3.58	9.03	408	n/a	470	DO = 6.72 mg/L
1/29/2008	11:20	Pump	16967.7	44.6	45.6	3.22	16.9	5294	n/a	470	DO = 2.28 mg/L
1/29/2008	11:30	Pump	16990.0	22.3	67.9	2.66	18.65	5373	n/a	470	DO = 1.32 mg/L
1/29/2008	11:40	Pump	17018.7	28.7	96.6	3.07	18.17	5434	n/a	470	DO = 5.53 mg/L
1/29/2008	11:50	Pump	17046.4	27.7	124.3	3.01	18.72	5383	n/a	470	DO = 1.12 mg/L
1/29/2008	12:00	Pump	17073.2	26.8	151.1	3.69	18.89	5372	n/a	470	DO = 1.09 mg/L

WELL DEVELOPMENT (Continued)

Site/Screen Name: **MW-6, Piñon Ridge** Project No.: **83088 task 1.5.2**

Location: **Paradox Valley, CO** Document Originator: **Lucero, Brian**

DEVELOPMENT TOOLS

Tool:	Pump	**Description:**	Grundfos 1.5 hp 10 stage	**Used From**	1/29/2008	**to**	1/29/2008
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	
Tool:		**Description:**		**Used From**		**to**	

WELL DEVELOPMENT DATA (Continued)

Date	Time	Tool	Totalizer Reading	Volume Withdrawn (gal.)	Cumulative Volume Withdrawn (gal.)	pH	Temp (°C)	SC (µS/cm)	Turbidity (NTU)	Pump Intake (ft. bgs.)	Comments
1/29/2008	12:10	Pump	17100.2	27.0	178.1	4.57	18.9	5365	n/a	470	DO = 0.88 mg/L
1/29/2008	12:30	Pump	17151.0	50.8	228.9	5.27	18.0	5309	n/a	470	DO = 1.47 mg/L
1/29/2008	12:32	Pump	17158.0	7.0	235.9	n/a	n/a	n/a	n/a	470	Pump off

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	X Disposable Bailer Stainless Bailer Grundfos Pump Other :	pH meter (temp): X WTW 3400i Horiba U-10 Other: Serial No.:	ZR	4/30/08	1053

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	299.71	281.94	17.77	11.5

Serial Number:

Sample Equipment: X Disposable Bailer; Stainless Bailer; Grundfos Pump; Other :; Serial Number:

Cond. Meter (temp): X WTW 3400i; Horiba U-10; Other:; Serial No.:

DO Meter: X WTW 3400i; Horiba U-10; Other; Serial No.

ORP Meter: X WTW 3400i; Other; Serial No.

Turbidity Meter: NA; WTW; Other; Serial No.

Stick-up (ft.)	Screen Int. (ft.)
	274.59-299.19

Filtration Equipment: 0.45 micron filter; Brand: GEOTECH

Water Level Meter: Solinst; X Other: KECK; Serial No:

Purge Containerized: ___ Yes X No

Destination:

Meter Calibration

Time: Manual Calibrations? Yes \ No

pH ✓ D.O. ✓ ORP NO ~~Turb.~~ ✓

pH

pH NA = 7.00 at 17.5 °C

pH NA = 4.01 at 17.2 °C (PASS) S=-57.7 mV/pH

Specific Conductance

Conductance Standard: ~~1.40 S/m~~ Other: 1413 µS/cm (PASS)

~~Measured Reading after calibration:~~ CELL CONST = 0.469/cm

Dissolved Oxygen S=0.73 (PASS)

Calibrated to NA mg/l at 20.6 °C

Oxygen-Reduction Potential

Calibrated to ___ mV at ___ °C

Turbidity

Standard 1: ___ Reading : ___

Standard 2: ___ Reading : ___

Standard 3: ___ Reading : ___

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): 295.52, 296.81 Time: 1053 (4/30/08), 0950 (5/1/08)

	Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
4/29	1320	0.43	5	16.7	7.46	1309	3.14 (ET)	—	—	—	—	CLEAR
	1415	0.87	10	16.5	7.52	1228	3.39 (ET)	—	—	—	—	LT BROWN
	1445	1.30	15	15.8	7.63	1224	3.78	—	—	—	—	BROWN
	1515	1.65	19 (PAY)	16.0	7.72	1280	4.56	—	—	—	—	DK BROWN - FIELD PARAMETERS ON
					↳ NOT FILTERED							PURGE WATER - NOT FRESH WATER
4/30	1053	SAMPLE		17.7	7.54	1194	2.06	—	—	—	—	LT BROWN ~2.5-3 L SHORT
				↳ FILTERED								OF SAMPLE -
												REMAINDER
												COLLECTED 5/1/08 @ 0910

Full Suite (Y) \ N			
# MW-5	Duplicate Y (N)	#	
Partial Suite Y \ N	Rinsate Y \ (N)	#	
#	Trip Blank Y \ (N)	#	

PID/FID Readings

	Initial Readings:	Sample Readings:
MiniRae	TOC	TOC
OVA	BZ	BZ
MicroFID	Bkgd	Bkgd

Serial No.:

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C (D) (circle one)

Signature:

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	Disposable Bailer / Stainless Bailer / X Grundfos Pump / Other:	pH meter (temp): ✓ WTW 3400i / Horiba U-10 / Other: / Serial No.:	ZR	1827	4/29/08
Casing Diameter (in.): 4	Serial Number:	Cond. Meter (temp): ✓ WTW 3400i / Horiba U-10 / Other: / Serial No.:			
Total Well Depth (ft.): 484.49	Sample Equipment: Disposable Bailer / Stainless Bailer / X Grundfos Pump / Other:	DO Meter: ✓ WTW 3400i / Horiba U-10 / Other / Serial No.			
Static Water Level (ft.): 408.45	Serial Number:	ORP Meter: ✓ WTW 3400i / Other / Serial No.			
Water Thickness (ft.): 76.04	Filtration Equipment: 0.45 micron filter; Brand: GEOTECH	Turbidity Meter: NONE / WTW / Other / Serial No.			
Casing Volume (gal.): 49	Water Level Meter: Solinst / X Other: KECK / Serial No:				
Stick-up (ft.) / Screen Int. 459.57-479 (ft.)					
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Time: Manual Calibrations? Yes (No)

pH ✓ D.O. ✓ ORP ✓ Cond. ✓

pH — = 7.00 at 22.6 °C

pH — = 4.01 at 22.4 °C

Specific Conductance

Conductance Standard: ~~1.49 S/m~~ Other: 1413 µS/cm (PASS)

~~Measured Reading after calibration:~~ CELL CONST = 0.46/cm

Dissolved Oxygen S = 1.00 (PASS)

Calibrated to N/A mg/l at 28.1 °C

Oxygen-Reduction Potential (PASS)

Calibrated to 177 mV at — °C

Turbidity

Standard 1: ___ Reading: ___

Standard 2: ___ Reading: ___

Standard 3: ___ Reading: ___

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): 470 Time: 1827

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
1737	Ø	Ø	18.0	7.17	2890	0.01	-367	—	3.5	470	CLEAR, STRONG SULFIDE ODOR
1750	0.92	45.5	18.6	7.19	3050	0.07	-377	—	3.5	470	
1800	1.64	80.5	18.7	7.01	3100	0.05	-374	—	3.7	470	
1812	2.5	122.5	18.5	7.00	3130	0.01	-371	—	3.7	470	
1821	3.14	154	18.8	7.01	3140	0.02	-373	—	3.7	470	
1827	3.57	175	BEGAN SAMPLING								
1837	4.29	210	18.8	7.01	3140	0.02	-373	—	3.7	470	
			ALL ON FILTERED WATER								

Full Suite (Y) \ N		
# MW-6	Duplicate (Y) \ N	# DUP-1
Partial Suite Y \ (N)	Rinsate Y \ (N)	#
#	Trip Blank Y \ (N)	#

PID/FID Readings — Initial Readings: / Sample Readings:

MiniRae TOC ___ / TOC ___

OVA BZ ___ / BZ ___

MicroFID Bkgd ___ / Bkgd ___

Serial No.:

Additional Comments: DO PASSED PREVIOUS CALIBRATIONS BUT FAILED FOLLOWING CALIBRATION - DATA IS QUALIFIED

Condition of Well: GOOD

PPE Level: B | C | (D) (circle one)

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Zach Rogers

Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing Stick-up (ft ags)	Static Water Level (ft / TOC)	Total Depth (ft/ TOC)	Casing Volume (gal)	Security		Comments
							Cap (Y/N)	Lock (Y/N)	
MW-1	4/29/08	1010	2.02	dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	4/29/08	1140	2.19	26.55	27.42	0.6	Yes	Yes	Bailed dry at 1905, ~0.5 gal
	4/30/08	0939	2.19	27.33	27.42	0.1	Yes	Yes	Not Sampled, Insufficient recharge
MW-3	4/29/08	1045	2.12	dry	102.65	NA	Yes	Yes	Not Sampled, Dry
MW-4	4/29/08	1125	2.06	dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	4/29/08	1025	2.31	281.94	299.71	11.6	Yes	Yes	Bailed dry, ~19 gal
	4/29/08	1525	2.31	300.52	299.71	-0.5	Yes	Yes	Depth not accurate?
	4/30/08	0951	2.31	295.52	299.71	2.7	Yes	Yes	Sampled, Pre-sample measurement
	5/1/08	0950	2.31	296.81	299.71	1.9	Yes	Yes	Sampled, Pre-sample measurement
MW-6	4/29/08	1100	1.37	407.40	484.49	50.1	Yes	Yes	Sampled

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694-13

WEATHER CONDITIONS

Temperature ~65°F Weather sunny

SAMPLE INFORMATION

Sample Location EX-5 Sample No.

Sample Date 4/22/08 Time 1250 Sample By Sarah Doyle / Adam Hobson

Sample Method Sampling port from pump manifold Sample Type Grouned Water

Water Level Before Purging: 345.45 ft below top of PVC casing (4/21/08)

Well Volume: 95.15 ft of water x $\frac{0.653 \text{ gal}}{1 \text{ ft}}$ = ~62 gallons

Volume Water Removed Before Sampling: > 4,000 gallons

Water Level Before Sampling: ~390 ft btoc

Water Level After Sampling:

Appearance of Sample: clear

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	10:10 am	12:35 pm	12:43 pm	12:50 pm	
Volume Discharge	gals					
pH	Standard	7.70	7.65	7.38	7.38	
Spec. Cond.	m S/CM	1.286	1.262	1.264	1.264	
Turbidity	NTU	—	—	—	—	
Temperature	°C	17.14	17.06	17.21	17.30	
Dissolved Oxygen	mg/l	—	—	4.88	4.52	
Redox Potential	+/- mV	—	98.2	126.0	122.9	

LABORATORY CONTAINERS

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1	Wet Chem	plastic	No	none
2	Sulfide	plastic	No	NaOH & ZnAcetate
3	Wet Chem	plastic	Yes	none
4	Metals	plastic	Yes	Nitric Acid
5	Radiochem	2 plastic gallon cubes	Yes	Nitric Acid
6	COD, TOC, Phenols	glass	No	Sulfuric Acid
7				
8				

REMARKS: Well has not been completed with sand pack, filter pack, and grout. Sampled during 3rd step of step test. Pumping rate: ~19.5 gpm

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE Stainless Steel Teflon

Peristaltic Pump Submersible Pump Hand Pump

Air-Lift Pump Other

Gould 25gpm stainless steel pump

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694-13

WEATHER CONDITIONS

Temperature ~60°F Weather sunny

SAMPLE INFORMATION

Sample Location EX-6 Sample No.

Sample Date 4/25/08 Time 9:45 am Sample By Sarah Doyle

Sample Method sampling port from pump manifold Sample Type Groundwater

Water Level Before Purging: 219.00 ft below top of PVC casing (4/24/08)

Well Volume: 90 ft of water × 0.653 = ~59 gallons

Volume Water Removed Before Sampling: ~1200 gallons

Water Level Before Sampling: ~225 ft btoc

Water Level After Sampling:

Appearance of Sample: clear

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	8:31 am	8:45	9:28		
Volume Discharge	gals			~1200 gallons		
pH	Standard	7.53	7.46	7.46		
Spec. Cond.	m S/CM	1.393	1.390	1.391		
Turbidity	NTU	–	–	–		
Temperature	°C	15.16	16.59	16.78		
Dissolved Oxygen	mg/l	7.80	7.38	7.23		
Redox Potential	+/- mV	95.1	113.2	123.4		

LABORATORY CONTAINERS

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1	Wet Chem		No	none
2	Sulfide		No	NaOH & ZnAcetate
3	Wet Chem		Yes	none
4	Metals		Yes	nitric acid
5	Radiochem		Yes	nitric acid
6	COD, TOC, Phenols		No	sulfuric acid
7				
8				

REMARKS: Well has not been completed with sand pack, filter pack, or grout. Sampled during 2nd step of step test. Pumping rate = ~11 gpm

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE Stainless Steel Teflon

Peristaltic Pump (Submersible Pump) Hand Pump

Air-Lift Pump Other

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694-13

WEATHER CONDITIONS

Temperature ~65°F Weather Sunny

SAMPLE INFORMATION

Sample Location EX-7 Sample No.

Sample Date 4/24/08 Time 1120 Sample By Sarah Doyle

Sample Method sampling port from Pump manifold Sample Type Groundwater

Water Level Before Purging: 330.08 ft below top of PVC casing (4/23/08)

Well Volume: ~~90 ft of water × 0.653 = ~59 gallons~~ 65 ft × 0.653 = ~42 gallons

Volume Water Removed Before Sampling: ~1200 gallons

Water Level Before Sampling: ~337 ft btoc

Water Level After Sampling:

Appearance of Sample: clear

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	10:12 am	10:31	11:07		
Volume Discharge	gals			~1200 gallons		
pH	Standard	7.42	7.42	7.45		
Spec. Cond.	m S/CM	1.310	1.305	1.287		
Turbidity	NTU	—	—	—		
Temperature	°C	17.61	17.50	17.31		
Dissolved Oxygen	mg/l	5.81	5.73	5.75		
Redox Potential	+/- mV	136.0	143.1	144.6		

LABORATORY CONTAINERS

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1	Wet Chem		No	none
2	Sulfide		No	NaOH & Zn Acetate
3	Wet Chem		Yes	none
4	Metals		Yes	nitric acid
5	Radiochem		Yes	nitric acid
6	COD, TOC, Phenols		No	sulfuric acid
7				
8				

REMARKS: Well has not been completed with sand pack, filter pack, or grout. Sampled during 2nd step of step test. Pumping rate = ~11 gpm

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE, Stainless Steel, Teflon

~~Peristaltic Pump~~, Submersible Pump, Hand Pump

Air-Lift Pump, Other

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694-13

WEATHER CONDITIONS

Temperature ~65°F Weather Sunny

SAMPLE INFORMATION

Sample Location MW-6 Sample No.

Sample Date 4/23/08 Time Sample By Sarah Doyle

Sample Method Grundfos 5gpm pump (field params during pumping test) Sample Type

Water Level Before Purging: 407.59 ft btoc (PVC)

Well Volume:

Volume Water Removed Before Sampling:

Water Level Before Sampling:

Water Level After Sampling:

Appearance of Sample: clear, strong sulfur-like odor

measured during pumping test

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	10:25am	11:02	12:02	12:35	
Volume Discharge	gals				>800 gallons	
pH	Standard	7.06	7.07	6.99	7.08	
Spec. Cond.	m S/CM	3.210	3.204	3.109	3.160	
Turbidity	NTU					
Temperature	°C	19.78	19.93	19.64	19.38	
Dissolved Oxygen	mg/l	2.83	2.08	–	2.30	
Redox Potential	+/- mV	-183.7	-182.7	-174.1	-182.3	

LABORATORY CONTAINERS — NO LAB ANALYSES

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1				
2				
3				
4				
5				
6				
7				
8				

REMARKS: did not take samples for laboratory analyses. only field parameters were recorded during pumping tests

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE, Stainless Steel, Teflon

~~Peristaltic Pump~~, Submersible Pump, Hand Pump

Air-Lift Pump, Other

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694

WEATHER CONDITIONS

Temperature ~70°F Weather sunny

SAMPLE INFORMATION

Sample Location EX-10 Sample No.

Sample Date 5/18/08 Time 10:30am Sample By Sarah Doyle

Sample Method submersible pump Sample Type groundwater

Water Level Before Purging: 286.81 ft btoc (Certa-Lok PVC) - 5/17/08

Well Volume:

Volume Water Removed Before Sampling: ~1,725 gallons

Water Level Before Sampling:

Water Level After Sampling:

Appearance of Sample: ~~clear~~, no odor
very slightly turbid, very slight brownish-red color

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	9:41	9:51	10:01	10:21	10:30
Volume Discharge	gals	990	1,140	1,290	1,590	1,725
pH	Standard	8.09	7.88	7.62	7.57	7.64
Spec. Cond.	m S/CM	1.4160	1.4162	1.4162	1.4163	1.4162
Turbidity	NTU	–	–	–	–	–
Temperature	°C	16.55	16.55	16.57	16.57	16.59
Dissolved Oxygen	mg/l	6.87	6.73	6.36	6.32	6.34
Redox Potential	+/- mV	128.1	88.2	77.4	70.7	67.5

LABORATORY CONTAINERS

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1	Wet chem	plastic 500ml	No	none
2	Sulfide	plastic 125ml	No	NaOH, ZnAcetate
3	Wet chem - dissolved	plastic 250ml	Yes	none
4	metals - dissolved	plastic 250ml	Yes	HNO_3
5	Radiochemistry - dissolved (2 bottles)	plastic gallon cubes	Yes	HNO_3
6	COD, TOC, Phenols	glass 250ml	No	HSO_4
7				
8				

REMARKS: Well has not been completed with sand pack, filter pack, or grout. Sampled during constant rate pumping test. Pumping at ~15 gpm

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE Peristaltic Pump Air-Lift Pump
Stainless Steel Submersible Pump Other
Teflon Hand Pump

GROUNDWATER SAMPLE COLLECTION FORM

Golder Associates

Project Ref: Piñon Ridge Project No.: 073-81694

WEATHER CONDITIONS

Temperature ~80-85°F Weather Sunny

SAMPLE INFORMATION

Sample Location EX-12 Sample No.

Sample Date 5/17/08 Time 11:15am Sample By Sarah Doyle

Sample Method submersible pump Sample Type groundwater

TD of well: ~380ft bgs Water Level Before Purging: 239.93ft btoc (Certa-Lok PVC)

Height of CertaLok casing above steel casing: ~0.6ft

Well Volume:

Volume Water Removed Before Sampling: >7,000 gallons

Water Level Before Sampling:

Water Level After Sampling:

Appearance of Sample: clear, no odor, no turbidity

FIELD MEASUREMENTS

Parameter	Units	Measurement	Measurement	Measurement	Measurement	Measurement
Time	hhmm	9:37	10:14	10:37	10:50	
Volume Discharge	gals	~3,880	~5360	~6,280	~6,800	
pH	Standard	7.61	7.63	7.68	7.69	
Spec. Cond.	mS/CM	1.280	1.276	1.278	1.277	
Turbidity	NTU	–	–	–	–	
Temperature	°C	15.48	15.62	15.37	15.23	
Dissolved Oxygen	mg/l	8.40	7.88	7.92	8.52	
Redox Potential	+/- mV	74.3	59.4	53.7	55.0	

LABORATORY CONTAINERS

Sub-Sample	Analysis Requested	Type and Size of Sample Container	Filtered (Yes or No)	Type of Preservative
1	Wet Chem	plastic 500ml	No	none
2	Sulfide	plastic 125ml	No	NaOH, ZnAcetate
3	Wet chem - dissolved	plastic 250ml	Yes	none
4	metals - dissolved	plastic 250ml	Yes	HNO_3
5	Radiochemistry - dissolved (2 bottles)	plastic gallon cube	Yes	HNO_3
6	COD, TOC, Phenols	glass 250ml	No	H_2SO_4
7				
8				

REMARKS: Well has not been completed with sand pack, filter pack, or grout. Sampled during constant rate pumping test. Pumping at ~40 gpm.

NA = Not applicable

SAMPLING METHODS:

Bailer: PVC/PE Stainless Steel Teflon

Peristaltic Pump Submersible Pump Hand Pump

Air-Lift Pump Other

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	✓ Disposable Bailer	pH meter (temp):	ZTR	0920	8/7/08
	Stainless Bailer	✓ WTW 3400i			
Casing Diameter (in.)	Grundfos Pump	Horiba U-10			
4	Other :	Other:			
		Serial No.:			
Total Well Depth (ft.)	Serial Number:	Cond. Meter (temp):			
~301		✓ WTW 3400i			
	Sample Equipment	Horiba U-10			
Static Water Level (ft.)	✓ Disposable Bailer	Other:			
281.94	Stainless Bailer	Serial No.:			
	Grundfos Pump	DO Meter:			
Water Thickness (ft.)	Other :	✓ WTW 3400i			
~19		Horiba U-10			
	Serial Number:	Other			
Casing Volume (gal.)		Serial No.			
12.4	Filtration Equipment:	ORP Meter:			
	0.45 micron filter	✓ WTW 3400i			
Stick-up / Screen Int.	Brand:	Other			
2.31 (ft.) / (ft.)	Water Level Meter:	Serial No.			
	✓ Solinst	Turbidity Meter:			
Purge Containerized:	✓ Other: KECK	WTW			
___ Yes X No		Other			
Destination:	Serial No:	Serial No.			

Meter Calibration

Time: Manual Calibrations? Yes \ No

pH ✓ D.O. ✓ ORP ✓ Turb. ✓

pH

pH _____ = _____ at _____ °C

pH _____ = _____ at _____ °C

Specific Conductance

Conductance Standard: 4.49 S / m Other: _____

Measured Reading after calibration: _____

Dissolved Oxygen

Calibrated to _____ mg/l at _____ °C

Oxygen-Reduction Potential

Calibrated to _____ mV at _____ °C

Turbidity

Standard 1: _____ Reading : _____

Standard 2: _____ Reading : _____

Standard 3: _____ Reading : _____

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): _____ Time: _____

Time	Volume Removed (casings)	(gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
0915	1.5	18.5	16.3	7.50	1225	5.93	+203	291.22	—	—	LT BRN, CLOUDY

Full Suite Y \ N			
# MW-5	Duplicate Y \ N	#	
Partial Suite Y \ N	Rinsate Y \ N	#	
#	Trip Blank Y \ N	#	

PID/FID Readings — *Initial Readings:* / *Sample Readings:*

MiniRae TOC _____ / TOC _____

OVA BZ _____ / BZ _____

MicroFID Bkgd _____ / Bkgd _____

Serial No.:

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature:

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer ___ Stainless Bailer X Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Horiba U-10 ___ Other: Serial No.:	ZTR	1125	8/7/08

Casing Diameter (in.): 4"

Total Well Depth (ft.): 484.49

Static Water Level (ft.): 407.99

Water Thickness (ft.): 76.5

Casing Volume (gal.): 49.7

Stick-up (ft.) | **Screen Int.** (ft.)

Purge Containerized: ___ Yes ___ No

Destination:

Serial Number:

Sample Equipment
___ Disposable Bailer
___ Stainless Bailer
X Grundfos Pump
___ Other :

Serial Number:

Filtration Equipment: 0.45 micron filter

Brand:

Water Level Meter:
___ Solinst
X Other: KECB

Serial No:

Cond. Meter (temp):
X WTW 3400i
___ Horiba U-10
___ Other:
Serial No.:

DO Meter:
X WTW 3400i
___ Horiba U-10
___ Other
Serial No.

ORP Meter:
X WTW 3400i
___ Other
Serial No.

Turbidity Meter:
___ WTW
___ Other
Serial No.

Meter Calibration

Time: Manual Calibrations? Yes \ No
pH ✓ D.O. ✓ ORP ✓ Turb ✓

pH
pH ___ = ___ at ___ °C
pH ___ = ___ at ___ °C

Specific Conductance
Conductance Standard: 4.49 S / m Other: ___
Measured Reading after calibration: ___

Dissolved Oxygen
Calibrated to ___ mg/l at ___ °C

Oxygen-Reduction Potential
Calibrated to ___ mV at ___ °C

Turbidity
Standard 1: ___ Reading : ___
Standard 2: ___ Reading : ___
Standard 3: ___ Reading : ___

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): ___ Time: ___

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
1050	0.4	18.75	17.6	7.08	3.43	0.12	-329	~~407.99~~	3.75		Clear sulfide odor
1101	1.3	63.96	18.9	6.89	3.46	0.07	-361		4.11		
1110	2.0	99.96	19.0	7.02	3.46	0.05	-359		4.00		
1120	2.8	139.96	19.0	6.86	3.43	0.06	-361		4.00		
1125	3.2	159.96							4.00		
			Filtered		6.98						

Full Suite Y \ N
MW-6
Partial Suite Y \ N
#

Duplicate Y \ N #
Rinsate Y \ N #
Trip Blank Y \ N #

Additional Comments:

PID/FID Readings
___ MiniRae
___ OVA
___ MicroFID
Serial No.:

Initial Readings: TOC ___ BZ ___ Bkgd ___

Sample Readings: TOC ___ BZ ___ Bkgd ___

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature: [signature]

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-7	___ Disposable Bailer ___ Stainless Bailer ___ Grundfos Pump X Other: BLADDER PUMP	pH meter (temp): X WTW 3400i ___ Horiba U-10 ___ Other: Serial No.:	ZTR	1712	9/9/08

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	420	336.80	83	54

Stick-up (ft.)	Screen Int. (ft.)

Purge Containerized: ___ Yes X No

Destination:

Serial Number:

Sample Equipment: ___ Disposable Bailer; ___ Stainless Bailer; ___ Grundfos Pump; X Other: BLADDER PUMP

Serial Number:

Filtration Equipment: 0.45 micron filter

Brand:

Water Level Meter: ___ Solinst; X Other: KECK

Serial No:

Cond. Meter (temp): X WTW 3400i; ___ Horiba U-10; ___ Other:

Serial No.:

DO Meter: X WTW 3400i; ___ Horiba U-10; ___ Other

Serial No.

ORP Meter: X WTW 3400i; ___ Other

Serial No.

Turbidity Meter: ___ WTW; ___ Other

Serial No.

Meter Calibration

Time: Manual Calibrations? Yes \ ~~No~~

pH ✓ D.O. ___ ORP ___ Sp. Cond. ✓

pH ___ = ___ at ___ °C

pH ___ = ___ at ___ °C

Specific Conductance

Conductance Standard: 4.49 S / m Other: ___

Measured Reading after calibration: ___

Dissolved Oxygen

Calibrated to ___ mg/l at ___ °C

Oxygen-Reduction Potential

Calibrated to ___ mV at ___ °C

Turbidity

Standard 1: ___ Reading: ___

Standard 2: ___ Reading: ___

Standard 3: ___ Reading: ___

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): ___ Time: ___

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
1640	0.009	.5	15.8	7.96	1209	5.54	+179	336.84		380	clear
1645			16.5	7.86	1248	4.33	+159	336.84			
1649			16.0	7.84	1248	4.67	+149	336.94			
1652			16.5	7.83	1242	4.12	+139	337.01			
1655			16.1	7.84	1254	4.20	+135	337.05			
1658	0.09	5	15.9	7.86	1249	4.03	+135	337.06			
1701			15.9	7.86	1250	3.94	+134	336.99			
1705			15.8	7.86	1253	3.92	+128	337.01			
1709			15.8	7.84	1259	3.94	+129	336.96			
1712	0.14	7.5	15.8	7.83	1283	3.92	+130	336.98			begin sample
1733	0.19	10	15.8	7.84	1276	3.97	+161	336.91			filtered
			filtered = 7.84								

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Full Suite (Y) \ N

MW-7

Partial Suite Y \ (N)

#

Duplicate	Y \ (N)	#
Rinsate	Y \ (N)	#
Trip Blank	Y \ (N)	#

PID/FID Readings

	Initial Readings:	Sample Readings:
MiniRae	TOC ___	TOC ___
OVA	BZ ___	BZ ___
MicroFID	Bkgd ___	Bkgd ___

Serial No.:

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | (D) (circle one)

Signature: [signature]

L:/Catalog/Forms/GW Sampling Field Data Sheet

KLEINFELDER

Project: Energy Fuels Resources

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.: 83088.1.5.2

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-8B	___ Disposable Bailer ___ Stainless Bailer	**pH meter (temp):** ___ Horiba U-22	D.W.J.	18:55	7/21/2008
Casing Diameter (in.)	X Grundfos Pump	___ Horiba U-10	**Meter Calibration**		
3.75 (ID)	___ Other :	X Other: YSI556	Time: 0900 Manual Calibrations? Yes \ No		
	___ Steel Bailer	Serial No.:	pH X D.O. X Turbidity ___		
Total Well Depth (ft.)	Product Nun 95160138	01K0049AA			
421.93	5SQ-450-B1B010810	**Cond. Meter (temp):**	pH 7 = 6.94 at 25 °C		
	Sample Equipment	___ Horiba U-22			
Static Water Level (ft.)	___ Disposable Bailer	___ Horiba U-10	pH ___ = ___ at ___ °C		
380.35	___ Stainless Bailer	X Other: As above	Conductance Standard: 4.49 S / m 1413 solution		
	X Grundfos Pump	Serial No.:	Measured Reading after calibration: Geotech Lot # 8AF252		
Water Thickness (ft.)	___ Other :		1411 at 25°C Exp. 6/09		
40.43		**Dissolved Oxygen Meter:**	Dissolved Oxygen:		
	Serial Number:	___ Horiba U-22	Calibrated to 97.84 mg/l at 26 °C		
Casing Volume (gal.)	5SQ-450-B1B010810	X Other: As above	Redox: YSI Zobels lot# 08D100367		
23.25	**Filtration Equipment:**	Serial No.	Calibrated to 228 mV at 26.59 °C		
	0.45 micron filter		Turbidity: NA		
Stick-up / **Screen Int.**	Brand: Geotech #73050004	**Turbidity Meter:**	Standard 1:	Reading :	
1.75 (ft.) / 297- 417 (ft.)	**Water Level Meter:**	___ Horiba U-22	Standard 2:	Reading :	
	X Solinst	___ Horiba U-10	Standard 3:	Reading :	
Purge Containerized:	___ Other:	___ Hach 2000	Casing Volume multipliers: 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)		
___ Yes X No	Model No	Serial No	Sample Depth (feet)	Time:	
Destination:	Model 101	NA	420.5	22:30	

Time	Gallons Removed	Temp °C	Conductivity µS/m	pH	Disolved O_2 %	ORP	Water level ft. bgs	Pump rate gal/min	Sample depth ft. bgs	Comments
2017	0						NM	5	420.5	Very turbid, H_2S odor
2033	80						NM	3.8	420.5	Getting Clear, H_2S odor
2107	210	18.41	2812	5.9	15.7	-62.9	NM	3.8	420.5	Clear, H_2S odor
2116	245	18.42	2849	8.3	8.2	-85.6	NM	3.8	420.5	Clear, H_2S odor
2132	305	18.42	2984	6.24	6.1	-109.1	NM	3.8	420.5	Clear, H_2S odor
2147	363	18.41	3040	6.32	5.9	-121.1	NM	3.8	420.5	Clear, H_2S odor
2153	380	18.40	3061	6.35	6.2	-122.2	NM	3.8	420.5	Clear, H_2S odor
2230	535	18.40	3060	6.36	6.1	-122.8	398.55	3.8	420.5	Clear, H_2S odor, sampled

Full Suite Y \ N	**QC Samples:**		**PID/FID Readings**	*Initial Readings:*	*Sample Readings:*
#EFMW8B-72108	**Duplicate** Y \ N	#EFRD02-72108	MiniRae	TOC	TOC
Partial Suite Y \ N	**Rinsate** Y \ N	#	OVA	BZ	BZ
#	**Trip Blank** Y \ N	#	MicroFID	Bkgd	Bkgd
Additional Comments:			*Serial No.:*		
5% Stabilization: ORP ±1, pH=0.423, DO=0.125, T=0.9, SC=49.9			**Condition of Well:**	Good	
PPE Level: B | C | D (circle one)			**Signature:** D.W. Jenning		

KLEINFELDER

Project: Energy Fuels Resources

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.: 83088.1.5.2

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-9	___ Disposable Bailer ___ Stainless Bailer	pH meter (temp): ___ Horiba U-22	D.W.J.	NA	7/22/2008
Casing Diameter (in.)	X Grundfos Pump	___ Horiba U-10	Meter Calibration		
3.75 (ID)	___ Other :	X Other: YSI556	Time: 090(Manual Calibrations? No		
	Steel Bailer	Serial No.:	pH X D.O. X Turbidty ___		
Total Well Depth (ft.)	Product Number: 95160138	01K0049AA			
431.82		Cond. Meter (temp):	pH ___ = ___ at ___ °C		
	Sample Equipment	___ Horiba U-22			
Static Water Level (ft.)	___ Disposable Bailer	___ Horiba U-10	pH ___ = ___ at ___ °C		
308.35	___ Stainless Bailer	X Other: As above	Conductance Standard: Oth 1413 solution		
	X Grundfos Pump	Serial No.:	Measured Reading after calibration: 1412		
Water Thickness (ft.)	___ Other :	01K0049AA	Geotech Lot # 8AF252		
123.47		Dissolved Oxygen Meter:	Dissolved Oxygen:		
	Serial Number:	___ Horiba U-22	Calibrated to 97.84 mg/l at 26 °C		
Casing Volume (gal.)	5SQ-450 B1B010810	X Other: As above	Redox: YSI Zobels lot# 08D100367		
71	Filtration Equipment:	Serial No.	Calibrated to 228 mV at 26.59 °C		
	#73050004 0.45 micron filter	01K0049AA	Turbidity: NA		
Stick-up / Screen Int.	Brand: Geotech	Turbidity Meter:	Standard 1: Reading :		
2.42 / 327.2-427.2	Water Level Meter:	___ Horiba U-22	Standard 2: Reading :		
(ft.) (ft.)	X Solinst	___ Horiba U-10	Standard 3: Reading :		
Purge Containerized:	Other:	___ Hach 2000	Casing Volume multipliers: 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)		
___ Yes X No	Model No.	Serial No.	Sample Depth (feet)	Time:	
Destination:	Model 101	NA	420	NA	

Time	Gallons Removed	Temp °C	Conductivity µS/m	pH	Dissolved O_2 %	ORP	Water level ft. bgs	Pump rate gal/ min	Sample depth ft. bgs	Comments
1115	0						NM		420	Very turbid
1207	56	16.15	394	8.73	111	-5.4	NM		420	Very turbid
1427	61	17.65	418	6.12	96.3	12.4	NM		420	Very turbid
										Not Sampled

Full Suite	Y \ N	QC Samples:		PID/FID Readings	Initial Readings:	Sample Readings:
# Not Sampled		Duplicat Y \ N	#	___ MiniRae	TOC	TOC
Partial Suite	Y \ N	Rinsate Y \ N	#	___ OVA	BZ	BZ
#		Trip Blar Y \ N	#	___ MicroFID	Bkgd	Bkgd
				Serial No.:		

Additional Comments:

5% Stabilization: ORP ±1, pH=0.423, DO=0.125, T=0.9, SC=49.9

Condition of Well: Good

PPE Level: B | C | D (circle one)

Signature: D.W. Jamey

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-9	X Disposable Bailer	pH meter (temp): X WTW 3400i	ZTR	1055	9/10/08
Casing Diameter (in.): 4	Stainless Bailer	Horiba U-10			
	Grundfos Pump	Other:			
	Other:	Serial No.:			
Total Well Depth (ft.): 421	Serial Number: PURGED ON 8/5	Cond. Meter (temp): X WTW 3400i			
	Sample Equipment	Horiba U-10			
Static Water Level (ft.): 410.83	X Disposable Bailer	Other:			
	Stainless Bailer	Serial No.:			
	Grundfos Pump	DO Meter: X WTW 3400i			
Water Thickness (ft.): 10	Other:	Horiba U-10			
	Serial Number:	Other			
Casing Volume (gal.): 6.5		Serial No.			
	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i			
Stick-up: 2.23 (ft.) / Screen Int.: (ft.)	Brand:	Other			
	Water Level Meter:	Serial No.			
Purge Containerized: ___ Yes X No	Solinst	Turbidity Meter: WTW			
	X Other: KECK	Other			
Destination:	Serial No:	Serial No.			

Meter Calibration

Time: Manual Calibrations? Yes \ (No)

pH ✓ D.O. ✓ ORP ✓ Sp. Cond. ✓

pH
pH _____ = _____ at _____ °C
pH _____ = _____ at _____ °C

Specific Conductance
Conductance Standard: 4.49 S / m Other: _____
Measured Reading after calibration: _____

Dissolved Oxygen
Calibrated to _____ mg/l at _____ °C

Oxygen-Reduction Potential
Calibrated to _____ mV at _____ °C

Turbidity
Standard 1: _____ Reading: _____
Standard 2: _____ Reading: _____
Standard 3: _____ Reading: _____

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): _____ Time: _____

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
1055			17.6	8.23	993	2.12	+154	410.83	—	—	light tan no odor

Full Suite (Y) \ N		
# MW-9	Duplicate (Y) \ N	# DUP 091008
Partial Suite Y \ (N)	Rinsate Y \ (N)	#
#	Trip Blank Y \ (N)	#

PID/FID Readings — Initial Readings: — Sample Readings:
MiniRae TOC _____ TOC _____
OVA BZ _____ BZ _____
MicroFID Bkgd _____ Bkgd _____
Serial No.:

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | (D) (circle one)

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-1	Disposable Bailer / Stainless Bailer / Grundfos Pump / ✓ Other: WELL PUMP	pH meter (temp): ✓ WTW 3400i / Horiba U-10 / Other:	MO	1330 / 1710	8/12/08 / 8/13/08
Casing Diameter (in.): 6	Serial Number:	Serial No.:	Meter Calibration		
Total Well Depth (ft.): 380	Sample Equipment: Disposable Bailer / Stainless Bailer / Grundfos Pump / ✓ Other: WELL PUMP	Cond. Meter (temp): ✓ WTW 3400i / Horiba U-10 / Other:	Time: Manual Calibrations? Yes \ No ✓		
Static Water Level (ft.): 280.70	Serial Number:	Serial No.:	pH ✓ D.O. ✓ ORP ✓ Sp. Cond. ✓		
Water Thickness (ft.): ~~100~~ .99		DO Meter: ✓ WTW 3400i / Horiba U-10 / Other	pH 4.01 = 3.98 at 21.0 °C		
Casing Volume (gal.): ~~148~~ 147	Filtration Equipment: 0.45 micron filter	Serial No.	pH 7.00 = 7.02 at 21.0 °C		
Stick-up (ft.) / Screen Int. 320-370 (ft.)	Brand:	ORP Meter: ✓ WTW 3400i / Other	Specific Conductance: Conductance Standard: ~~4.49 S/m~~ Other: 1413; Measured Reading after calibration: 1432		
Purge Containerized: Yes ✓ No	Water Level Meter: Solinst / Other:	Serial No.	Dissolved Oxygen: Calibrated to 0.79 cm ~~mg/l~~ at 22.1 °C		
Destination:	Serial No:	Turbidity Meter: WTW / Other	Oxygen-Reduction Potential: Calibrated to 223 mV at 22.3 °C		
		Serial No.	Turbidity: Standard 1: Reading: ; Standard 2: Reading: ; Standard 3: Reading:		
			Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)		
			Sample Depth (feet): Time:		

	Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
8/12	1315	880	63.5K	18.0	7.37	1148	6.85	+40	323	52	362.3	CLEAR
	1350	890	64.2K	18.0	7.44	1151	7.35	+31	324	52	362.3	"
					7.50 (filtered)							
8/13	1640	2070	149K	17.5	7.53	1136	7.28	+103	326	52	362.3	CLEAR
	1725	2100	152K	17.5	7.41	1132	7.20	+142	326	52	362.3	"
					7.02 (filtered)							

Full Suite Y \ N			
# PW-1-1, PW-1-2	Duplicate Y \ N	#	
Partial Suite Y \ N	Rinsate Y \ N	#	
#	Trip Blank Y \ N	#	

PID/FID Readings: MiniRae, OVA, MicroFID, Serial No.: — Initial Readings: TOC, BZ, Bkgd — Sample Readings: TOC, BZ, Bkgd

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature:

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-2	Disposable Bailer	pH meter (temp):	BK	1900	8/8/08
	Stainless Bailer	✓ WTW 3400i	MO	1200	8/11/08
Casing Diameter (in.)	Grundfos Pump	Horiba U-10			
6	✓ Other: WELL PUMP	Other:			
Total Well Depth (ft.)	Serial Number:	Serial No.:			
420		Cond. Meter (temp):			
	Sample Equipment	✓ WTW 3400i			
Static Water Level (ft.)	Disposable Bailer	Horiba U-10			
331.22	Stainless Bailer	Other:			
	Grundfos Pump	Serial No.:			
Water Thickness (ft.)	✓ Other: WELL PUMP	DO Meter:			
89	Serial Number:	✓ WTW 3400i			
		Horiba U-10			
Casing Volume (gal.)		Other			
		Serial No.			
131	Filtration Equipment: 0.45 micron filter	ORP Meter:			
		✓ WTW 3400i			
Stick-up / Screen Int.	Brand:	Other			
(ft.) 340 - 410 (ft.)	Water Level Meter:	Serial No.			
	Solinst	Turbidity Meter:			
Purge Containerized:	Other:	WTW			
___ Yes ✓ No		Other			
Destination:	Serial No:	Serial No.			

Meter Calibration

Time: Manual Calibrations? Yes \ No

pH ✓ D.O. ✓ ORP ✓ Sp. Cond. ✓

pH

pH _____ = _____ at _____ °C

pH _____ = _____ at _____ °C

Specific Conductance

Conductance Standard: 4.49 S/m Other: _____

Measured Reading after calibration: _____

Dissolved Oxygen

Calibrated to _____ mg/l at _____ °C

Oxygen-Reduction Potential

Calibrated to _____ mV at _____ °C

Turbidity

Standard 1: _____ Reading: _____

Standard 2: _____ Reading: _____

Standard 3: _____ Reading: _____

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): _____ Time: _____

	Time	Volume Removed (casings)	(gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
8/8	1822	5.3	380	18.8	7.41	1310	5.83	+139	364	11	402.8	CLEAR
	1947	17.4	1260	18.8	7.40	1294	6.13	+100	364	11	402.8	MURKY
					7.52 (filtered)							
8/11	1135	563	407K	19.0	7.36	1296	4.01	+25	366	4	402.8	CLEAR
	1235	572	413K	20.0	7.50	1317	5.47	+90	337	11	402.8	CLEAR
					7.49 (filtered)							

Full Suite (Y) \ N		
# PW-2-1, PW-2-2	Duplicate Y \ (N)	#
Partial Suite Y \ N	Rinsate Y \ (N)	#
#	Trip Blank Y \ (N)	#

PID/FID Readings

		Initial Readings:	Sample Readings:
	MiniRae	TOC _____	TOC _____
	OVA	BZ _____	BZ _____
	MicroFID	Bkgd _____	Bkgd _____
	Serial No.:		

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature: _____

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-3	___ Disposable Bailer ___ Stainless Bailer	pH meter (temp): X WTW 3400i	ZTR	8/6/08 8/7/08	0950 1230
Casing Diameter (in.)	___ Grundfos Pump	___ Horiba U-10	**Meter Calibration**		
6	X Other: WELL PUMP	___ Other:	Time: Manual Calibrations? Yes \ (No)		
Total Well Depth (ft.)	Serial Number:	Serial No.:	pH ✓ D.O. ✓ ORP ✓ Sp. Cond. ✓		
380		**Cond. Meter (temp):**	**pH**		
	Sample Equipment	X WTW 3400i	pH ___ = ___ at ___ °C		
Static Water Level (ft.)	___ Disposable Bailer	___ Horiba U-10	pH ___ = ___ at ___ °C		
256.82	___ Stainless Bailer	___ Other:	**Specific Conductance**		
Water Thickness (ft.)	___ Grundfos Pump	Serial No.:	Conductance Standard: 4.49 S/m Other: ___		
123	X Other: WELL PUMP	**DO Meter:**	Measured Reading after calibration: ___		
Casing Volume (gal.)	Serial Number:	X WTW 3400i	**Dissolved Oxygen**		
182		___ Horiba U-10	Calibrated to ___ mg/l at ___ °C		
Stick-up / **Screen Int.**	**Filtration Equipment:**	___ Other	**Oxygen-Reduction Potential**		
	0.45 micron filter	Serial No.	Calibrated to ___ mV at ___ °C		
(ft.) 240-280 320-370 (ft.)	Brand:	**ORP Meter:**	**Turbidity**		
	Water Level Meter:	X WTW 3400i	Standard 1: ___ Reading: ___		
Purge Containerized:	Solinst	___ Other	Standard 2: ___ Reading: ___		
___ Yes ___ No	X Other: KECK	Serial No.	Standard 3: ___ Reading: ___		
Destination:	Serial No:	**Turbidity Meter:**	Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)		
		___ WTW	Sample Depth (feet): ___	Time: ___	
		___ Other			
		Serial No.			

	Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
8/6	0945	941	68K	15.8	7.47	1263	7.77	+82	306.6	68	362.29	clear
	1007	960	69K	15.7	7.49	1256	7.68	+61	306.7	68	"	clear
			filtered =		7.59							
8/7	1230	2440	176K	16.2	7.53	1237	7.48	+149	310.6	68	362.29	clear
	1245	2450	177K	16.0	7.54	1245	7.70	+105	310.6	68	"	clear
			filtered =		7.56							

Full Suite (Y) \ N			
# PW-3-1, PW-3-2	**Duplicate** Y \ (N)	#	
Partial Suite Y \ N	**Rinsate** Y \ (N)	#	
#	**Trip Blank** Y \ (N)	#	

PID/FID Readings

	Initial Readings:	*Sample Readings:*
MiniRae	TOC ___	TOC ___
OVA	BZ ___	BZ ___
MicroFID	Bkgd ___	Bkgd ___
Serial No.:		

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: PIÑON RIDGE

GROUNDWATER SAMPLING FIELD DATA SHEET

Job No.:

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
EX-15	___ Disposable Bailer ___ Stainless Bailer ___ Grundfos Pump ✓ Other: WELL PUMP	pH meter (temp): ✓ WTW 3400i ___ Horiba U-10 ___ Other: Serial No.:	JF	1800	8/14/08

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	260	148.88	111	72.2

Serial Number:

Sample Equipment
___ Disposable Bailer
___ Stainless Bailer
___ Grundfos Pump
✓ Other: WELL PUMP
Serial Number:

Cond. Meter (temp): ✓ WTW 3400i; ___ Horiba U-10; ___ Other: Serial No.:

DO Meter: ✓ WTW 3400i; ___ Horiba U-10; ___ Other Serial No.

ORP Meter: ✓ WTW 3400i; ___ Other Serial No.

Turbidity Meter: ___ WTW; ___ Other Serial No.

Stick-up (ft.)	Screen Int.
	200-240 ft.

Filtration Equipment: 0.45 micron filter
Brand:

Water Level Meter: ___ Solinst; ✓ Other: KECK
Serial No:

Purge Containerized: ___ Yes ✓ No
Destination:

Meter Calibration
Time: Manual Calibrations? Yes \ No
pH ✓ D.O. ___ ORP ___ Sp. Cond. ✓
pH 4.01 = 4.01 at 25.5 °C
pH 7.00 = 7.00 at 25.5 °C

Specific Conductance
Conductance Standard: ~~1.49 S/m~~ Other: 1413
Measured Reading after calibration: 1425

Dissolved Oxygen
Calibrated to 0.65 mg/L at ___ °C

Oxygen-Reduction Potential
Calibrated to 219 mV at 25.6 °C

Turbidity
Standard 1: ___ Reading: ___
Standard 2: ___ Reading: ___
Standard 3: ___ Reading: ___

Casing Volume multipliers (gal/ft): 1"=(.04) 2"=(.16) 3"=(.37) 4"=(.65)

Sample Depth (feet): ___ Time: ___

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pump Rate (gpm)	Pump Depth (ft below TOC)	Visual Description
1719	24.8	1790	18.2	7.44	881	3.48	+194	202	15	223	CLEAR
1816	36.1	2610	17.9	7.41	879	3.45	+155	202	15	223	CLEAR

Full Suite Y \ N
EX-15
Partial Suite Y \ N
#

Duplicate Y \ N #
Rinsate Y \ N #
Trip Blank Y \ N #

PID/FID Readings
___ MiniRae
___ OVA
___ MicroFID
Serial No.:

	Initial Readings:	Sample Readings:
TOC	___	___
BZ	___	___
Bkgd	___	___

Additional Comments:

Condition of Well: GOOD

PPE Level: B | C | D (circle one)

Signature: ___

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Zach Rogers
Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing Stick-up (ft ags)	Static Water Level (ft / TOC)	Total Depth (ft/ TOC)	Casing Volume (gal)	Security		Comments
							Cap (Y/N)	Lock (Y/N)	
MW-1	8/3/08	1000	2.02	dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	8/3/08	0945	2.19	dry	27.42	NA	Yes	Yes	Not Sampled, Dry
	9/9/08	1130	2.19	dry	27.42	NA	Yes	Yes	Not Sampled, Dry
MW-3	8/3/08	1005	2.12	100.21	102.65	1.6	Yes	Yes	Not Sampled, Insufficient volume
MW-4	8/3/08	1030	2.06	dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	8/3/08	1015	2.31	281.94	301	12.4	Yes	Yes	
	8/4/08	1520	2.31	281.94	301	12.4	Yes	Yes	Bailed ~18.5 gal. to dry
	8/4/08	1545	2.31	300.48	301	0.3	Yes	Yes	
	8/7/08	0838	2.31	294.22	301	4.4	Yes	Yes	Sampled
MW-6	8/4/08	1415	1.37	406.94	484.49	50.4	Yes	Yes	Purged 160 gal and sampled
MW-7	8/2/08	1305	2.75	337.68	425	56.8	Yes	Yes	
	9/9/08	1143	2.75	336.80	425	57.3	Yes	Yes	Began low-flow purging well
	9/9/08	1754	2.75	336.77	425	57.3	Yes	Yes	After low-flow purging and sampling
MW-8	8/2/08	1350	2.58	381.43	421.93	26.3	Yes	Yes	
MW-9	8/2/08	1255	2.23	406.22	421	9.6	Yes	Yes	Original well depth is 431.82', may be
	8/4/08	1429	2.23	405.42	421	10.1	Yes	Yes	filled in with fines.
	8/5/08	1308	2.23	405.90	421	9.8	Yes	Yes	Bailed ~13.5 gal to dry
	8/5/08	1702	2.23	420.83	421	0.1	Yes	Yes	Transducer installed by Golder
	8/19/08	0838	2.23	415.75	421	3.4	Yes	Yes	Golder pulled transducer on 8/8/08
	8/25/08	1600	2.23	413.85	421	4.6	Yes	Yes	
	8/27/08	1510	2.23	413.77	421	4.7	Yes	Yes	
	8/29/08	1559	2.23	412.53	421	5.5	Yes	Yes	
	9/1/08	1308	2.23	412.24	421	5.7	Yes	Yes	
	9/2/08	1406	2.23	411.96	421	5.9	Yes	Yes	
	9/3/08	1143	2.23	411.80	421	6.0	Yes	Yes	
	9/10/08	1025	2.23	410.83	421	6.6	Yes	Yes	immediately before sampling
	9/10/08	1245	2.23	417.69	421	2.2	Yes	Yes	after sampling

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	X Disposable Bailer Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	ZTR/JWF	1152	11/14/08

Meter Calibration

Date: 11/14/08 Time: 0655

pH X Cond. X D.O. X ORP X

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	301	281.66	19.3	12.6

Comments: Bailed dry on 11/12

Sample Equipment: X Disposable Bailer; Bladder Pump; Grundfos Pump; Other :

Comments:

Cond. Meter (temp): X WTW 3400i; Other:; Comments:

DO Meter: X WTW 3400i; Other:; Comments:

ORP Meter: X WTW 3400i; Other:; Comments:

Turbidity Meter: WTW; Other:; Comments:

Stick-up	Screen Int. (ft.)
29"	274-294

Filtration Equipment: 0.45 micron filter; Comments:

Water Level Meter: X Keck; Other:; Comments:

Purge Containerized: ___ Yes X No

Destination:

pH: pH std. # 1 = 4.01 at 10.1 °C; pH std. # 2 = 7.00 at 10.1 °C; Slope = -57.7 mV/pH; Calibration Evaluation 2 Bars; Assymetry = -17 mV

Specific Conductance: Cell Constant = 0.463 /cm; Calibration Evaluation 3 Bars

Dissolved Oxygen: RelativeSlope = 0.85 at 12.4 °C; Calibration Evaluation 3 Bars

Oxygen-Reduction Potential: ORP Standard: 220 mV Reads: 230 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
Bailed Well Dry (~20 gal.) on 11/12/08 at 1530										
1152	1.6	20	15.8	7.98	1101	5.76	+150	295.70	N/A	Clear, no odor
		filtered =		7.87				before sampling		

Condition of Sampler: Good

Additional Comments:

Full Suite: Yes / No

MW-5

Partial Suite: Yes / No

#

Pump Depth: N/A ft BTOC

Duplicate Yes \ No #

Rinsate Yes \ No #

Trip Blank Yes \ No #

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature:

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	1300	11/14/08
Casing Diameter (in.)					
4					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
484.49					
Static Water Level (ft.)	Sample Equipment ___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :				
407.91					
Water Thickness (ft.)		DO Meter: X WTW 3400i ___ Other: Comments:			
76.58	Comments:				
Casing Volume (gal.)					
49.8	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up: 33" / Screen Int.: 459-479 (ft.)	Water Level Meter: X Keck ___ Other: Comments:				
Purge Containerized: ___ Yes X No Destination:		Turbidity Meter: ___ WTW ___ Other: Comments:			

Meter Calibration

Date: 11/14/08 Time: 0655

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 10.1 °C — Calibration Evaluation

pH std. # 2 = 7.00 at 10.1 °C — 2 Bars

Slope = -57.7 mV/pH — Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.463 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.85 at 12.4 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

ORP Standard: 220 mV Reads: 230 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1221	0	0							4.3	Clear, Strong sulfide odor
1224	0.3	12.9	17.3	7.29	3.31	0.14	-279	--	4.3	
1229	0.7	34.4	18.4	6.93	3.33	0.13	-319	--	4.3	
1234	1.1	55.9	18.6	6.89	3.32	0.12	-326	--	4.3	
1240	1.6	81.1	18.5	6.88	3.31	0.11	-329	--	4.2	
1250	2.5	123.1	18.4	6.87	3.31	0.11	-330	--	4.2	
1300	3.3	165.1	18.7	6.87	3.29	0.12	-336	--	4.2	Clear, Strong sulfide odor
1308	4.0	198.7	18.8	6.89	3.29	0.14	-331	--	4.2	post-sample readings
			filtered =	6.95						

Condition of Sampler: Good

Full Suite: Yes / No

MW-6

Partial Suite: Yes / No

#

Pump Depth: 470 ft BTOC

Duplicate Yes \ No #

Rinsate Yes \ No #

Trip Blank Yes \ No #

Additional Comments:

PPE Utilized: Gloves X; Safety Glasses X

Signature:

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-7	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	1315	11/13/08
Casing Diameter (in.)			Meter Calibration		
4			Date: 11/11/08 Time: 2025 pH X Cond. X D.O. X ORP X		
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:	pH pH std. # 1 = 4.01 at 15.6 °C pH std. # 2 = 7.00 at 15.5 °C Slope = -58.5 mV/pH	Calibration Evaluation 2 Bars Assymetry = -20 mV	
425	Sample Equipment				
Static Water Level (ft.)	___ Disposable Bailer				
335.71	X Bladder Pump ___ Grundfos Pump ___ Other :	DO Meter: X WTW 3400i ___ Other: Comments:	Specific Conductance Cell Constant = 0.457 /cm	Calibration Evaluation 3 Bars	
Water Thickness (ft.)					
89	Comments:		Dissolved Oxygen RelativeSlope = 1.04 at 17.4 °C	Calibration Evaluation 3 Bars	
Casing Volume (gal.)					
58	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i ___ Other: Comments:	Oxygen-Reduction Potential ORP Standard: 220 mV Reads: 229 mV		
Stick-up / Screen Int.	Comments:				
33" / 365-425 (ft.)	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:			Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)		

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1156			14.3	8.08	1152	6.09	+176	335.65		Stopped temporarily to set-up
1210			14.3	7.46	1241	7.79	+165	335.81		Clear, no odor
1212			14.6	7.44	1247	4.89	+160	335.76		
1214			14.8	7.44	1248	4.47	+157	335.78		
1216			15.0	7.44	1243	4.68	+150	335.82		
1217			15.2	7.43	1249	4.34	+147	335.85		
1219			15.3	7.43	1249	4.12	+144	335.85		
1220			15.3	7.42	1248	4.06	+140	335.87		
1222			15.4	7.43	1249	4.03	+137	335.88		
1223			15.4	7.41	1249	4.02	+135	335.89		
1225			15.4	7.41	1250	4.01	+132	335.89		
1226			15.5	7.41	1248	3.97	+130	335.90		
1228			15.4	7.41	1250	3.96	+128	335.90		
1229			15.5	7.41	1250	3.93	+126	335.89		
1230		5	15.4	7.40	1251	3.95	+125	335.89		Clear, no odor
1315			filtered =	7.58						
1323			15.6	7.43	1253	3.80	+138	335.71		post-sample reading

Condition of Sampler:	Full Suite: Yes / No	Pump Depth: 395 ft BTOC	
Good	# MW-7	Duplicate Yes \ No	#
	Partial Suite: Yes / No	Rinsate Yes \ No	#
	#	Trip Blank Yes \ No	#

Additional Comments:	PPE Utilized	
Charge = 22 sec (19), Exhaust = 24 sec (25)	Gloves	X
	Safety Glasses	X
	Signature:	

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-8	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	1555	11/13/08
Casing Diameter (in.)			Meter Calibration		
4			Date: 11/11/08 Time: 2025 pH X Cond. X D.O. X ORP X		
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:	pH pH std. # 1 = 4.01 at 15.6 °C pH std. # 2 = 7.00 at 15.5 °C Slope = -58.5 mV/pH	Calibration Evaluation 2 Bars Assymetry = -20 mV	
422	Sample Equipment				
Static Water Level (ft.)	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :		Specific Conductance		
381.52		DO Meter: X WTW 3400i ___ Other: Comments:	Cell Constant = 0.457 /cm	Calibration Evaluation 3 Bars	
Water Thickness (ft.)			Dissolved Oxygen		
40	Comments:		RelativeSlope = 1.04 at 17.4 °C	Calibration Evaluation 3 Bars	
Casing Volume (gal.)					
26	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i ___ Other: Comments:	Oxygen-Reduction Potential ORP Standard: 220 mV Reads: 229 mV		
Stick-up / Screen Int.	Comments:				
31" / 297-417 (ft.)	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:			Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)		

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1453			15.4	6.83	2.51	2.07	-105	381.38		Clear, slight sulfide odor
1455			15.8	6.79	2.56	0.95	-133	381.92		
1458			15.9	6.76	2.58	0.45	-154	381.96		
1501			16.0	6.76	2.60	0.48	-155	381.92		
1504			15.8	6.78	2.60	0.40	-155	381.89		
1507			15.8	6.76	2.59	0.35	-159	381.80		
1510			16.7	6.75	2.58	0.34	-161	381.83		
1510-1513 Stopped Pump to change cylinder										
1516			15.5	6.75	2.61	0.43	-159	381.72		
1519			15.5	6.75	2.63	0.40	-159	381.81		
1522			15.6	6.75	2.63	0.35	-161	381.84		
1525			15.7	6.75	2.64	0.31	-165	381.85		
1528			15.7	6.75	2.65	0.29	-167	381.86		
1531		5	15.7	6.74	2.63	0.29	-167	381.86		Clear, slight sulfide odor
1555			filtered =	6.83						
1600			15.3	6.76	2.68	0.29	-154	381.86		Post-sample readings

Condition of Sampler:	Full Suite: Yes / No	Pump Depth: 400 ft BTOC
Good	# MW-8	Duplicate Yes \ No #
	Partial Suite: Yes / No	Rinsate Yes \ No #
	#	Trip Blank Yes \ No #
Additional Comments: Charge = (12), Exhaust = (25)	PPE Utilized	Gloves X Safety Glasses X
	Signature:	

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-1	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	1010	11/14/08

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)	Stick-up	Screen Int. (ft.)
6	380	280.07	100	150	22"	320-370

Comments:

Sample Equipment: ___ Disposable Bailer; X Bladder Pump; ___ Grundfos Pump; ___ Other :

Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other:; Comments:

DO Meter: X WTW 3400i; ___ Other:; Comments:

Filtration Equipment: 0.45 micron filter; Comments:

ORP Meter: X WTW 3400i; ___ Other:; Comments:

Water Level Meter: X Keck; ___ Other:; Comments:

Turbidity Meter: ___ WTW; ___ Other:; Comments:

Purge Containerized: ___ Yes X No

Destination:

Meter Calibration

Date: 11/14/08 Time: 0655

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 10.1 °C

pH std. # 2 = 7.00 at 10.1 °C

Slope = -57.7 mV/pH

Calibration Evaluation 2 Bars

Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.463 /cm

Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.85 at 12.4 °C

Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

ORP Standard: 220 mV Reads: 230 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0949			14.9	7.65	1102	8.76	-68	280.22		Green-brown tint, slight iron odor
0952			15.0	7.55	1148	1.20	-125	280.22		
0955			15.1	7.55	1158	0.51	-149	280.23		
0958			15.1	7.55	1168	0.42	-156	280.23		
1001			15.1	7.54	1168	0.39	-159	280.23		
1004		3	15.2	7.53	1168	0.42	-160	280.24		Green-brown tint, slight iron odor
1012			filtered =	7.53						
1046			15.4	7.50	1161	0.81	-154	280.27		post-sample reading

Condition of Sampler: Good

Full Suite: Yes / No

PW-1

Partial Suite: Yes / No

#

Pump Depth: 345 ft BTOC

Duplicate Yes \ No # DUP-111408

Rinsate Yes \ No #

Trip Blank Yes \ No #

Additional Comments: Charge = (15), Exhaust = (20)

PPE Utilized: Gloves X; Safety Glasses X

Signature: [signature]

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-2	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	1735	11/13/08
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
420					
Static Water Level (ft.)	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
332.35		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
88	Comments:				
Casing Volume (gal.)					
131	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up / Screen Int.	Comments:				
20" / 340-410 (ft.)	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No Destination:					

Meter Calibration

Date: 11/11/08 Time: 2025

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 15.6 °C

pH std. # 2 = 7.00 at 15.5 °C

Slope = -58.5 mV/pH

Calibration Evaluation: 2 Bars

Assymetry = -20 mV

Specific Conductance

Cell Constant = 0.457 /cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

RelativeSlope = 1.04 at 17.4 °C

Calibration Evaluation: 3 Bars

Oxygen-Reduction Potential

ORP Standard: 220 mV Reads: 229 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1650			14.7	7.31	1278	0.63	-157	332.72		Light tan, iron odor
1653			14.8	7.31	1279	0.66	-153	332.69		
1656			14.8	7.31	1278	0.83	-147	332.75		Clearer
1659			14.7	7.30	1277	0.95	-141	332.75		
1702			14.7	7.29	1277	1.06	-137	332.74		
1705			14.4	7.29	1272	1.16	-133	332.66		
1706-1707 Stopped to change out cylinder										
1709			14.5	7.28	1275	1.28	-130	332.64		
1712			14.6	7.29	1276	1.33	-128	332.69		
1715			14.7	7.29	1277	1.42	-126	332.70		
1718			14.7	7.28	1275	1.44	-126	332.72		
1721		7	14.7	7.29	1277	1.48	-124	332.73		Very light tan, slight iron odor
1735			filtered =	7.31						
1740			14.6	7.28	1275	1.52	-124	332.76		post-sample reading

Condition of Sampler: Good

Full Suite: Yes / No

PW-2

Partial Suite: Yes / No

#

Pump Depth: 375 ft BTOC

Duplicate Yes \ No #

Rinsate Yes \ No #

Trip Blank Yes \ No #

Additional Comments: Charge = (19), Exhaust = (25)

PPE Utilized: Gloves X; Safety Glasses X

Signature:

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-3	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	ZTR/JWF	0845	11/14/08
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
380	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
Static Water Level (ft.)					
261.76		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
118	Comments:				
Casing Volume (gal.)					
177	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up / Screen Int.					
20" / 240-280' 320-370'	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Date: 11/14/08 Time: 0655

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 10.1 °C — Calibration Evaluation 2 Bars

pH std. # 2 = 7.00 at 10.1 °C

Slope = -57.7 mV/pH — Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.463 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.85 at 12.4 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

ORP Standard: 220 mV Reads: 230 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0812			13.2	7.26	1223	9.63	+104	261.92		Slight orange tint, no odor
0815			13.6	7.53	1221	7.47	+91	261.92		
0818			14.0	7.52	1214	6.94	+66	261.93		Water clear
0821			14.1	7.50	1218	6.96	+52	261.93		
0825			14.2	7.47	1223	6.98	+45	261.93		
0828			14.2	7.47	1221	7.06	+48	261.93		
0831		3.5	14.2	7.46	1221	7.06	+52	261.94		Clear, no odor
0845			filtered =	7.58						
0856			13.7	7.56	1218	7.18	+95	261.93		post-sample readings

Condition of Sampler: Good

Full Suite: Yes / No

PW-3

Partial Suite: Yes / No

#

Pump Depth: 335 ft BTOC

Duplicate Yes \ No #

Rinsate Yes \ No #

Trip Blank Yes \ No #

Additional Comments: Charge = (15), Exhaust = (23)

PPE Utilized: Gloves X; Safety Glasses X

Signature:

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Zach Rogers
Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing Stick-up (ft ags)	Static Water Level (ft BTOC)	Total Depth (ft BTOC)	Casing Volume (gal)	Security		Comments
							Cap (Y/N)	Lock (Y/N)	
MW-1	11/12/08	1330	2.0	dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	11/12/08	1323	2.2	dry	27.42	NA	Yes	Yes	Not Sampled, Dry
MW-3	11/12/08	1340	2.4	100.65	102.65	1.3	Yes	Yes	
	11/13/08	1000		102.49	102.65	0.1			Bailed ~1 gal to dry
	11/14/08	0736		102.50	102.65	0.1			Not Sampled, No recharge
MW-4	11/12/08	1315	2.2	dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	11/12/08	1050	2.4	281.66	301	12.60	Yes	Yes	
	11/12/08	1530		300.84	301	0.1			Bailed ~20 gal to dry
	11/14/08	1128		295.70	301	3.40			Sampled
MW-6	11/12/08	1253	2.8	406.86	484.49	50.50	Yes	Yes	Sampled
MW-7	11/12/08	1140	2.8	335.71	425	58.00	Yes	Yes	Sampled
MW-8	11/12/08	1304	2.6	381.52	421.93	26.30	Yes	Yes	Sampled
						0.00			
MW-9	11/12/08	1235	2.3	409.58	422	8.10	Yes	Yes	
	11/12/08	1730		421.90	422	0.10			Bailed ~13.5 gal to dry
	11/14/08	1353		421.02	422	0.60			Not Sampled, Insufficient recharge
PW-1	11/12/08	1417	1.8	280.07	380	149.9	Yes	Yes	Sampled
EX-6-OB-A	11/12/08	1425	1.4	270.51			No	No	Not Sampled, Observation only
EX-6-OB-B	11/12/08	1435	1.3	263.54			No	No	Not Sampled, Observation only
PW-2	11/12/08	1205	1.7	332.35	420	131.5	Yes	Yes	Sampled
EX-8-OB-A	11/12/08	1155	1.4	326.41			No	No	Not Sampled, Observation only
EX-8-OB-B	11/12/08	1214	1.5	303.61			No	No	Not Sampled, Observation only
PW-3	11/12/08	1350	1.7	261.76	380	177.4	Yes	Yes	Sampled
EX-12-OB-A	11/12/08	1357	2.3	255.68			No	No	Not Sampled, Observation only
EX-12-OB-C	11/12/08	1404	1.5	267.92			No	No	Not Sampled, Observation only
EX-11	11/12/08	1221	1.1	260.71			Yes	Yes	Not Sampled, Observation only

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	X Disposable Bailer Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/DR	1308 mst	2/19/09
Casing Diameter (in.)					
4					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i Other: Comments:			
~301					
Static Water Level (ft.)	Sample Equipment X Disposable Bailer Bladder Pump Grundfos Pump Other :				
281.02'					
Water Thickness (ft.)		DO Meter: X WTW 3400i Other: Comments:			
19.98	Comments:				
Casing Volume (gal.)					
12.99	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i Other: Comments:			
Stick-up / Screen Int.	Comments:				
2.31 (ft.) / 274-294 (ft.)	Water Level Meter: X Keck Other: Comments:	Turbidity Meter: WTW Other: Comments:			
Purge Containerized: ___ Yes _X_ No					
Destination:					

Meter Calibration

Time: 1012 mst Automatic Calibrations? Yes No

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 19.8 °C Calibration Evaluation

pH std. # 2 = 7.00 at 19.8 °C 3 Bars

Slope = -58.5 mV/pH Assymetry = 3 mV

Specific Conductance

Cell Constant = 0.493 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.93 at 20.4 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 226 mV

Initial Calibration 2-19-09 @ 1012 mst Post Calibration 2-19-09 @ 1840 Temp on ORP Standard = 19.8 °C

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1250								294.12'		Slightly Murky No Odor
1253			14.5	7.72	1043	6.82	86			
1256			14.5	7.73	1044	6.8	87			
1300			14.5	7.73	1044	6.82	86			
1304			14.5	7.73	1044	6.82	87			
1308			14.5	7.72	1043	6.82	86			
1310			14.5	7.96						Filtered PH

Condition of Sampler:
De-Contaminated bailer, added reel for rope. De-con 5 gal bucket for sample water.

Full Suite:	Yes	Pump Depth:	N/A	ft BTOC
# MW - 5		Duplicate	Yes	# MW - 5 DUP
Partial Suite:	No	Rinsate	No	#
#		Trip Blank	No	#

Additional Comments:
Used parastolic pump to test and filter from bucket. Bailed approx. 5.5 gal for sampling, well basically dry after sampling. Well was baild dry on 2-17-09 @ 1041 mst approx. 18 gal removed

PPE Utilized		
Gloves	X	
Safety Glasses	X	

Signature: Jesse W. Fulbright

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/DR	1258 mst	2/18/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	484.49	407.78	76.71	49.86

Stick-up (ft.)	Screen Int. (ft.)
1.37	459-479

Purge Containerized: ___ Yes X No

Destination:

Comments:

Sample Equipment
___ Disposable Bailer
___ Bladder Pump
X Grundfos Pump
___ Other :
Comments:

Filtration Equipment: 0.45 micron filter
Comments:

Water Level Meter:
X Keck
___ Other:
Comments:

Cond. Meter (temp):
X WTW 3400i
___ Other:
Comments:

DO Meter:
X WTW 3400i
___ Other:
Comments:

ORP Meter:
X WTW 3400i
___ Other:
Comments:

Turbidity Meter:
___ WTW
___ Other:
Comments:

Meter Calibration

Time: 0810 mst Automatic Calibrations? Yes
pH X Cond. X D.O. X ORP

pH
pH std. # 1 = 4.01 at 20.2 °C
pH std. # 2 = 7.00 at 20.2 °C
Slope = -58.3 mV/pH
Calibration Evaluation 3 Bars
Assymetry = 1 mV

Specific Conductance
Cell Constant = 0.494 /cm
Calibration Evaluation 3 Bars

Dissolved Oxygen
RelativeSlope = 0.92 at 22.7 °C
Calibration Evaluation 3 Bars

Oxygen-Reduction Potential
Conductance Standard: 230 mV Reads: 227 mV

Initial Calibration 2-18-09 @ 0810 mst Post Calibration 2-18-09 @ 1920 mst Temp on ORP Standard = 20 °C

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1202			16.8	6.98	3.51	0.12	-323	408.72'	4.5	Clear, strong sulfer odor
1206	0.36	18	17.4	6.91	3.51	0.11	-326		4.5	
1210	0.72	36	17.8	6.89	3.51	0.11	-328		4.5	
1214	1.08	54	17.9	6.87	3.51	0.11	-330		4.5	Doug started sampling
1218	1.44	72	17.9	6.86	3.51	0.11	-332		4.5	
1223	1.9	94.5	17.9	6.87	3.51	0.11	-334		4.5	
1227	2.26	112.5	17.9	6.87	3.51	0.11	-333		4.5	
1231	2.62	130.5	17.9	6.87	3.51	0.11	-333		4.5	
1234	2.89	144	17.9	6.87	3.51	0.11	-334		4.5	
1238	3.25	162	18.6	7.07					4.5	Filtered PH
1242	3.61	180	17.9	6.87	3.51	0.11	-333		4.5	Post Sample Readings

Condition of Sampler:
All Good

Additional Comments:
Electric Pump pre-set

Full Suite: Yes	Pump Depth: 470 ft BTOC		
# MW-6	Duplicate	No	#
Partial Suite: No	Rinsate	No	#
#	Trip Blank	No	#
PPE Utilized	Gloves	X	
	Safety Glasses	X	

Signature: Jose W Tulley

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-7	Disposable Bailer X Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/DR	0854 mst	2/18/09
Casing Diameter (in.)					
4					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i Other: Comments:			
425	Sample Equipment Disposable Bailer X Bladder Pump Grundfos Pump Other :				
Static Water Level (ft.)					
335.38		DO Meter: X WTW 3400i Other: Comments:			
Water Thickness (ft.)					
89.62	Comments:				
Casing Volume (gal.)					
58.25	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i Other: Comments:			
Stick-up (ft.): 2.75 / Screen Int. (ft.): 365-425	Water Level Meter: X Keck Other: Comments:	Turbidity Meter: WTW Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Time: 0810 mst Automatic Calibrations? Yes No

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 20.2 °C Calibration Evaluation

pH std. # 2 = 7.00 at 20.2 °C 3 Bars

Slope = -58.3 mV/pH Assymetry = 1 mV

Specific Conductance

Cell Constant = 0.494 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.92 at 22.7 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 227 mV

Post Sampling Calibation 2/18/09 @ 1920 mst on 2-18-09 all passed
Temp on ORP Sandard = 20 °C

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
815			13.5	7.46	1333	4.72	83	335.72		Water Clear, No Odor
819			14.6	7.51	1335	4.76	86	335.84		
823			14.5	7.52	1337	4.77	88	335.88		Reduced Flow Slightly
828			14.5	7.52	1338	4.77	88	335.82		
833			14.5	7.51	1339	4.78	89	335.83		
837			14.6	7.51	1338	4.77	88	335.82		Doug Started pulling samples
840			14.6	7.52	1337	4.77	88	335.04		
844			14.5	7.51	1338	4.78	88	335.86		
847			14.5	7.52	1338	4.77	88	335.88		
851			14.5	7.51	1339	4.78	89	335.9		
854			14.6	7.51	1338	4.77	88	335.91		
859			14.6	7.51	1338	4.77	88	335.92		
903			14.6	7.58						Filtered PH
904			14.6	7.52	1338	4.78	88	335.92		Post Sampling

Condition of Sampler:
All in good order

Full Suite:	Yes	Pump Depth:	395 ft BTOC
# MW-7		Duplicate	Yes MW-7 DUP
Partial Suite:	No	Rinsate	No #
#		Trip Blank	No #

Additional Comments:
Charge set @ 20 Exhaust set @ 25 Manual timing coincidad with settings
Purged approx. 4.5 gal Sampled approx. 5.0 gal

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jose W Fullington

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-8	Disposable Bailer X Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/DR	1120 mst	2/18/09

Casing Diameter (in.): 4

Total Well Depth (ft.): 422

Static Water Level (ft.): 381.61

Water Thickness (ft.): 40.39

Casing Volume (gal.): 26.25

Stick-up	Screen Int.
2.58 (ft.)	297-417 (ft.)

Purge Containerized: ___ Yes X No

Destination:

Purge Equipment Comments:

Sample Equipment: Disposable Bailer; X Bladder Pump; Grundfos Pump; Other :

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck; Other:

Comments:

Cond. Meter (temp): X WTW 3400i; Other:

Comments:

DO Meter: X WTW 3400i; Other:

Comments:

ORP Meter: X WTW 3400i; Other:

Comments:

Turbidity Meter: WTW; Other:

Comments:

Meter Calibration

Time: Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 20.2 °C — Calibration Evaluation 3 Bars

pH std. # 2 = 7.00 at 20.2 °C

Slope = -58.3 mV/pH — Assymetry = 1 mV

Specific Conductance

Cell Constant = 0.494 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.92 at 22.7 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 227 mV

Initial Calibration 2/18/09 @ 0810 mst Post Calibration 2/18/09 mst
Temp. on ORP Standard = 20°

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
956			12.8	6.96	2.92	1.79	-105	381.82		Clear, Sulfer Odor
1000			14.5	6.82	2.86	1.41	-96	31.84		
1003			14.6	6.8	2.82	1.05	-72	381.84		
1008			14.5	6.77	2.79	0.26	-195	381.85		
1012			14.6	6.76	2.81	0.25	-197	381.85		
1016			14.6	6.76	2.82	0.24	-199	381.85		
1019			14.6	6.76	2.81	0.25	-199	381.86		
1023			14.6	6.76	2.81	0.25	-199	381.87		Doug Started Sampling
1027			14.6	6.76	2.8	0.26	-199	381.87		
1032			14.6	6.76	2.81	0.25	-199	381.87		
1036			14.6	6.76	2.81	0.26	-199	381.87		
1040			14.6	6.76	2.81	0.26	-199	381.88		
1042			14.6	6.76	2.81	0.25	-199	381.89		
1047			14.8	6.83						Filtered PH
1056			14.6	6.76	2.8	0.26	-199	381.89		Post Sampling Readings

Condition of Sampler:
All Good

Full Suite: Yes	Pump Depth: 400 ft BTOC		
# MW-8	Duplicate	No	#
Partial Suite: No	Rinsate	No	#
#	Trip Blank	No	#

Additional Comments:
Charge 20 Exhaust 25 Purged approx. 5 gal Sampled approx. 3.5 gal

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-1	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/ AM	1140 mst	2/24/09
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
380					
Static Water Level (ft.)	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
280.13		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
99.69	Comments:				
Casing Volume (gal.)					
149.81	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up (ft.): 1.8 / Screen Int. (ft.): 320-370	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No Destination:					

Meter Calibration

Time: 0620mst Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 20.1 °C Calibration Evaluation 3 Bars

pH std. # 2 = 7.00 at 20.1 °C

Slope = -58.3 mV/pH Assymetry = 1 mV

Specific Conductance

Cell Constant = 0.494 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.92 at 21.8 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 228 mV

Intial Calibration 2/24/09 @ 0620 mst Post Calibraton 2/24/09 @ 1740 mst Temperature on Calibration standard for ORP = 20.2 °c

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1110			15	7.47	1247	0.12	-133	280.31		light metallic
1114			15.1	7.48	1246	0.08	-143	280.31		smell, light tan color
1118			15.1	7.47		0.08	-144	280.31		
1122			15.1	7.48	1246	0.07	-142	280.32		
1126			15.1	7.49		0.08	-143	280.32		
1130			15	7.49	1247	0.09	-144	280.32		Archie started pulling samples
1135			15.1	7.48	1247	0.08	-144	280.33		
1139			15.1	7.49	1247	0.08	-145	280.33		
1142			15.1	7.47	1248	0.08	-145	280.33		Post Sample Readings
1148			15.4	7.52						Filtered PH

Condition of Sampler:
Good

Full Suite:	Yes	Pump Depth:	345 ft BTOC
# PW-1		Duplicate	No #
Partial Suite:	No	Rinsate	No #
#		Trip Blank	No #

Additional Comments:
Purged approx. 2.5 Sample 2.5 Charged = 19 Exhaust = 20

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jon W Talley

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-2	Disposable Bailer / X Bladder Pump / Grundfos Pump / Other:	pH meter (temp): X WTW 3400i / Other: / Comments:	JWF/AM	1416 MST	2/24/09
Casing Diameter (in.)	Comments:	Cond. Meter (temp): X WTW 3400i / Other: / Comments:			
6					
Total Well Depth (ft.)	Sample Equipment: Disposable Bailer / X Bladder Pump / Grundfos Pump / Other:	DO Meter: X WTW 3400i / Other: / Comments:			
420					
Static Water Level (ft.)					
331.98					
Water Thickness (ft.)	Comments:				
87.79					
Casing Volume (gal.)	Filtration Equipment: 0.45 micron filter / Comments:	ORP Meter: X WTW 3400i / Other: / Comments:			
132.03					
Stick-up (ft.) / Screen Int. (ft.)	Water Level Meter: X Keck / Other: / Comments:	Turbidity Meter: WTW / Other: / Comments:			
1.7 / 340-410					
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Time: 0620 mst — Automatic Calibrations? Yes / No

pH X — Cond. X — D.O. X — ORP

pH

pH std. # 1 = 4.01 at 20.1 °C — Calibration Evaluation 3 Bars

pH std. # 2 = 7.00 at 20.1 °C

Slope = -58.3 mV/pH — Assymetry = 1 mV

Specific Conductance

Cell Constant = 0.494 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.92 at 21.8 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential Temp 20.2

Conductance Standard: 230 mV — Reads: 228 mV

Initial Calibration 2/24/09 0620 mst Post Calibration 2/24/09 @ 1740 mst Temperature on Calibration standard for ORP = 20.2°C

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1343			15.3	7.47	1390	0.23	-207	332.21		metallic odor
1348			15.4	7.49	1389	0.24	-206	332.23		
1352			15.2	7.42	1390	0.23	-209	332.23		
1357			15.1	7.4	1390	0.23	-206	332.27		
1402			15.1	7.41	1390	0.23	-210	332.29		
1407			15	7.42	1389	0.22	-211	332.33		
1412			15.1	7.41	1390	0.22	-211	332.37		
1416			15	7.42	1391	0.22	-210	332.42		Start Sampling 1420 mst
1426			15.3	7.4						Filtered PH
1454			15.1	7.41	1391	0.24	-209	332.53		Post Sample Readings

Condition of Sampler:
Good

Full Suite:	Yes	Pump Depth:	375 ft BTOC
# PW-2		Duplicate	Yes # 2-24-09 DUP
Partial Suite:	No	Rinsate	No #
#		Trip Blank	No #

Additional Comments:
Charged 21 Exhaust 21 Purge 3 gal. Sample 4.5 gal

PPE Utilized: Gloves / Safety Glasses

Signature: Jess W Fullwight

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-3	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/DR	1253mst	2/26/09
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
380	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
Static Water Level (ft.)					
263.13		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
116.87	Comments:				
Casing Volume (gal.)					
175.31	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up (ft.): 1.7	Screen Int.: 240-280', 320-370'				
Purge Containerized: ___ Yes X No	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Destination:					

Meter Calibration

Time: 0710 mst Automatic Calibrations? Yes No

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 14.1 °C Calibration Evaluation

pH std. # 2 = 7.00 at 14.1 °C 2 Bars

Slope = -57.2 mV/pH Assymetry = -5 mV

Specific Conductance

Cell Constant = 0.4858 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.94 at 20.5 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 239 mV

Initial Calibration 2/26/09 @ 0710 mst Post Calibration 2/26/09 1812 mst Temp on Calibration Standard For ORP = 12.4°C

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1148								263.13		
1150			15.3	7.51	1275	6.86	89	263.27		
1152			15	7.5	1304	5.3	73	263.28		
1156			15	7.51	1306	6.8	57	263.28		
1201			14.9	7.47	1306	6.88	55	263.29		
1205			14.9	7.49	1306	7.47	51	263.31		
1210			14.8	7.56	1306	7.43	50	263.31		
1214			14.9	7.56	1306	7.38	48	263.31		
1219			14.8	7.56	1306	7.39	46	263.31		
1223			14.9	7.56	1306	7.39	44	263.32		
1226			14.9	7.56	1306	7.39	42	263.32		
1230			14.8	7.56	1306	7.39	41	263.32		
1233			14.9	7.56	1306	7.39	41	263.32		
1236			14.7	7.56	1307	7.39	38	263.33		
1239			14.8	7.56	1307	7.4	37	263.35		
1242			14.8	7.56	1307	7.39	36	263.35		
1245			14.8	7.56	1307	7.39	34	263.35		
1249			14.7	7.56	1307	7.39	34	263.25		
1253 mst			14.7	7.55	1307	7.39	34	263.35		Began Sampling
1300 mst			15.1	7.66						Filtered PH
1321 mst			14.8	7.58	1306	6.43	86	263.36		Post Sampling Readings

Condition of Sampler:
Good on Everything

Full Suite: Yes		Pump Depth: 335 ft BTOC	
# PW-3		Duplicate No	#
Partial Suite: No		Rinsate No	#
#		Trip Blank No	#
PPE Utilized		Gloves	X
		Safety Glasses	X

Additional Comments:
Changed 19 Exhaust 20 seconds Purged approx. 4.75 gal Sampled apprx.2.5 gals

Signature: Jas W Fulbright

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Jess W Fulbright

Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing	Static Water	Total Depth	Casing	Security Cap (Y/N)	Security Lock (Y/N)	Comment
MW-1	2/16/09	1301 MST	2	Dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	2/16/09	1056 MST	2.2	Dry	27.42	NA	Yes	Yes	Not Sampled, Dry
MW-3	2/16/09	1250 MST	2.4	Dry	102.65	N/A	Yes	Yes	Not Sampled, Dry
MW-4	2/16/09	1103 MST	2.2	Dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	2/16/09	1206 MST	2.4	281.02	301	13.0	Yes	Yes	Probable Sample, will bail & wait
	2/17/09	1041 MST	2.4	300.68	301	0.2			Bailed ~18 gal to dry
	2/19/09	1250 MST	2.4	294.12	301	4.5	Yes	Yes	Sampled
MW-6	2/16/09	1129 MST	2.8	407.78	484.49	49.9	Yes	Yes	Will Sample
MW-7	2/16/09	1142 MST	2.8	335.38	425	58.3	Yes	Yes	Will sample, Total Depth and Casing Volume corrected from field note
MW-8	2/16/2009	1116 MST	2.6	381.61	421.93	26.21	Yes	Yes	Will Sample
MW-9	2/16/2009	1315 MST	2.3	413.23	422	5.7	Yes	Yes	Possible sample, will bail and wait
	2/16/2009	1718 MST	2.3	421.92	422	0.05	Yes	Yes	Bailed ~11 gal to dry
	2/19/2009	1530 MST	2.3	421.78	422	0.14	Yes	Yes	Not Sampled, Insufficient recharge
	2/25/2009	1425 MST	2.3	421.72	422	0.18	Yes	Yes	Not Sampled, Insufficient recharge
PW-1	2/16/2009	1220 MST	1.8	280.13	380	149.81	Yes	Yes	Will Sample
PW-2	2/16/2009	1152 MST	1.7	331.98	420	132.03	Yes	Yes	Will Sample
PW-3	2/16/2009	1234 MST	1.7	263.13	380	175.31	Yes	Yes	Will Sample

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	X Disposable Bailer Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/AM/DR	1608MST	4/30/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	~301	280.73	20.27	13.18

Stick-up (ft.)	Screen Int. (ft.)
2.31	274-294

Purge Containerized: ____ Yes X No

Destination:

Comments:

Sample Equipment: X Disposable Bailer; Bladder Pump; Grundfos Pump; Other :

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck; Other:

Comments:

Cond. Meter (temp): X WTW 3400i; Other:

Comments:

DO Meter: X WTW 3400i; Other:

Comments:

ORP Meter: X WTW 3400i; Other:

Comments:

Turbidity Meter: WTW; Other:

Comments:

Motor Calibration

Time: 0610mst Date: 4/30/2009 Auto. Calibrations?

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 14.6 °C

pH std. # 2 = 7.00 at 14.6 °C

Slope = -59 mV/pH

Calibration Evaluation 3 Bars

Assymetry = -9 mV

Specific Conductance

Cell Constant = 0.469 /cm

Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.75 at 15.1 °C

Calibration Evaluation 2 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 209 mV

Comments: Post sampling calibration performed at 1621 MST, all passed with 3 bars.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1534MST								291.12		Began Bailing - Water fairly muddy
1557MST		≈ 5.5						296.33		Finished bailing - Water very muddy now
1602MST			18.8	7.82	1092	12.27	73			
1604MST			18.7	7.82	1093	12.18	72			
1606MST			18.7	7.83	1092	12.19	71			
1608MST			18.8	7.82	1093	12.18	72			Pulled Samples

Condition of Sampler:
Decontaminated dedicated bailer and 5 gal bucket for sample water.

Full Suite: Yes / # MW-5

Partial Suite: / No #

Pump Depth: ft BTOC

Duplicate \ No #

Rinsate \ No #

Trip Blank \ No #

Additional Comments:
Forgot to take Filtered PH.

PPE Utilized: Gloves X; Safety Glasses X

Signature: Jess W. Fullright

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other:	JWF/AM/DR	1552MST	4/28/09
Casing Diameter (in.)		Comments:	Meter Calibration		
4	Comments:		Time: 1421mst Date: 4/28/2009 Auto. Calibrations?		
			pH X Cond. X D.O. X ORP X		
Total Well Depth (ft.)		Cond. Meter (temp):	pH		
484.49	Sample Equipment	X WTW 3400i ___ Other:	pH std. # 1 = 4.01 at 22.7 °C	Calibration Evaluation	
Static Water Level (ft.)	___ Disposable Bailer ___ Bladder Pump	Comments:	pH std. # 2 = 7.00 at 22.7 °C	3 Bars	
407.77	X Grundfos Pump	DO Meter:	Slope = mV/pH	Asymmetry = mV	
Water Thickness (ft.)	___ Other :	X WTW 3400i ___ Other:	Specific Conductance		
76.72	Comments:	Comments:	Cell Constant = 0.466 /cm	Calibration Evaluation 2 Bars	
Casing Volume (gal.)			Dissolved Oxygen		
49.87	Filtration Equipment: 0.45 micron filter	ORP Meter:	Relative Slope = 0.74 at 20.9 °C	Calibration Evaluation 3 Bars	
Stick-up 1.37 (ft.) / Screen Int. 459-479 (ft.)	Comments:	X WTW 3400i ___ Other:	Oxygen-Reduction Potential		
	Water Level Meter:	Comments:	Conductance Standard: 230 mV	Reads: 225 mV	
Purge Containerized: ___ Yes X No	X Keck ___ Other:	Turbidity Meter:	Comments: Post sampling calibration @ 1601 MST, all good.		
Destination:	Comments:	___ WTW ___ Other: Comments:	Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)		

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1402MST										Start purge ≈ 5.26 gpm, water clear, sulfur smell.
1501MST		310.3	18.7	6.85	3.31	0.15	-315			Reduced flow to 3 gpm, hooked up block, started readings
1506MST		325	18.7	6.86	3.31	0.15	-327			
1510MST		337	18.7	6.86	3.30	0.18	-334			
1515MST		352	18.7	6.86	3.30	0.20	-340			
1520MST		367	18.7	6.86	3.30	0.22	-344			
1525MST		382	18.7	6.86	3.30	0.23	-347			
1530MST		397	18.7	6.86	3.29	0.23	-350			
1535MST		412	18.7	6.86	3.29	0.24	-353			
1540MST		427	18.7	6.86	3.29	0.23	-354			
1545MST		442	18.7	6.85	3.29	0.24	-355			
1552MST		447								Pulled Samples
1554MST			19.4	6.99						Filtered PH Final Depth 412.75'

Condition of Sampler:	Full Suite: Yes /	Pump Depth: ft BTOC	
Everything in good condition.	# MW-6	Duplicate Yes \	# Duplicate
	Partial Suite: / No	Rinsate \ No	#
	#	Trip Blank \ No	#

Additional Comments:	PPE Utilized		
Performed instrument calibrations at sampling site, initial during purge and post immediately after sampling.		Gloves	X
		Safety Glasses	X

Signature: Jess W Tullaugh

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-7	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1014MST	4/29/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)	Stick-up (ft.)	Screen Int. (ft.)
4	425	335.87	89.13	57.93	2.75	365-425

Comments:

Sample Equipment: ___ Disposable Bailer; X Bladder Pump; ___ Grundfos Pump; ___ Other :

Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other:

Comments:

DO Meter: X WTW 3400i; ___ Other:

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

ORP Meter: X WTW 3400i; ___ Other:

Comments:

Water Level Meter: X Keck; ___ Other:

Comments:

Turbidity Meter: ___ WTW; ___ Other:

Comments:

Purge Containerized: ___ Yes X No

Destination:

Meter Calibration

Time: 0702mst Date: 4/29/2009 Auto. Calibrations? pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 13.3 °C

pH std. # 2 = 7.00 at 13.3 °C

Slope = -59 mV/pH

Calibration Evaluation: 3 Bars

Assymetry = -11 mV

Specific Conductance

Cell Constant = 0.470 /cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

RelativeSlope = 0.76 at 11.4 °C

Calibration Evaluation: 2 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 227 mV

Comments: Post sampling calibration performed at 1820MST, all good.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0940MST								336.02		Water Clear, No Odor, Started Purge
0950MST			16.0	7.47	1287	5.76	46	336.08		Started Readings
0955MST		5	15.7	7.43	1289	5.62	58	336.14		Reduced flow slightly
1000MST			15.7	7.43	1289	5.58	62	336.12		
1005MST			15.7	7.43	1289	5.59	61	336.11		
1009MST			15.7	7.43	1289	5.59	62	336.10		
1014MST		13	15.7	7.43	1289	5.59	62	336.09		Pulled Samples
1024MST			19.8	7.46						Filtered PH

Condition of Sampler:
All in good order.

Full Suite: Yes / ___
MW-7
Partial Suite: / No
#

Pump Depth: 395 ft BTOC
Duplicate \ No #
Rinsate \ No #
Trip Blank \ No #

Additional Comments:
Gallons removed is a running total.

PPE Utilized: Gloves X; Safety Glasses X

Signature: Jess W Fullwyl

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-8	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	0905MST	4/29/09

Casing Diameter (in.): 4

Total Well Depth (ft.): 422

Static Water Level (ft.): 381.46

Water Thickness (ft.): 40.54

Casing Volume (gal.): 26.35

Stick-up	Screen Int.
2.58 (ft.)	297-417 (ft.)

Purge Containerized: ___ Yes X No

Destination:

Purge Equipment Comments:

Sample Equipment Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck ___ Other:

Comments:

Analytical Equipment

Cond. Meter (temp): X WTW 3400i ___ Other:

Comments:

DO Meter: X WTW 3400i ___ Other:

Comments:

ORP Meter: X WTW 3400i ___ Other:

Comments:

Turbidity Meter: ___ WTW ___ Other:

Comments:

Meter Calibration

Time: 0702mst Date: 4/29/2009 Auto. Calibrations?

pH X Cond. X D.O. X ORP X

pH std. # 1 = 4.01 at 13.3 °C

pH std. # 2 = 7.00 at 13.3 °C

Slope = -59 mV/pH

Calibration Evaluation: 3 Bars

Assymetry = -11 mV

Specific Conductance

Cell Constant = 0.470 /cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

RelativeSlope = 0.76 at 11.4 °C

Calibration Evaluation: 2 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 227 mV

Comments: Post sampling calibration performed at 1820MST, all good.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0820MST								381.46		Started purge-water clear
0825MST			16.0	6.77	2.64	0.30	-170	381.50		Started readings
0830MST			15.9	6.76	2.68	0.31	-170	381.55		
0835MST			16.0	6.74	2.73	0.36	-170	381.59		
0840MST		5	16.0	6.72	2.83	0.45	-210	381.66		
0845MST			16.0	6.71	2.86	0.52	-208	381.71		
0850MST			16.0	6.71	2.94	0.69	-203	381.77		
0855MST			16.0	6.69	2.93	0.71	-204	381.82		
0900MST		10	16.0	6.70	2.94	0.70	-203	381.87		
0905MST		13								Pulled samples.
1009MST			18.8	6.72						Filtered PH

Condition of Sampler:
All good.

Additional Comments:
Gallons removed is a running total.

Full Suite: Yes /	Pump Depth: 400 ft BTOC		
# MW-8	Duplicate	\ No	#
Partial Suite: / No	Rinsate	\ No	#
#	Trip Blank	\ No	#
PPE Utilized	Gloves	X	
	Safety Glasses	X	

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-1	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	AM/DR	1023MST	4/30/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)	Stick-up (ft.)	Screen Int. (ft.)
6	380	280.69	99.31	148.97	1.8	320-370

Comments:

Sample Equipment: ___ Disposable Bailer; X Bladder Pump; ___ Grundfos Pump; ___ Other :

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck; ___ Other:

Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other:

Comments:

DO Meter: X WTW 3400i; ___ Other:

Comments:

ORP Meter: X WTW 3400i; ___ Other:

Comments:

Turbidity Meter: ___ WTW; ___ Other:

Comments:

Purge Containerized: ___ Yes X No

Destination:

Meter Calibration

Time: 0510mst Date: 4/30/2009 Auto. Calibrations? pH X Cond. X D.O. X ORP X

pH: pH std. # 1 = 4.01 at 14.6 °C; pH std. # 2 = 7.00 at 14.6 °C; Slope = -59 mV/pH; Calibration Evaluation 3 Bars; Assymetry = -9 mV

Specific Conductance: Cell Constant = 0.469 /cm; Calibration Evaluation 3 Bars

Dissolved Oxygen: RelativeSlope = 0.75 at 15.1 °C; Calibration Evaluation 2 Bars

Oxygen-Reduction Potential: Conductance Standard: 230 mV; Reads: 209 mV

Comments: Post sampling calibration performed at 1621 MST, all passed with 3 bars.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0938MST			16.2	7.35	1184		-178	280.69	≈ 0.2	Water Clear
0943MST			16.2	7.39	1184	2.87	-182	280.69		
0948MST			15.8	7.39	1185	2.37	-179	280.70		
0953MST			15.4	7.39	1185	2.32	-179	280.71		
0958MST			15.8	7.43	1184	2.60	-178	280.71		
1003MST			15.8	7.43	1185	2.90	-172	280.72		
1008MST			15.9	7.43	1185	3.95	-166	280.73		
1013MST			15.8	7.43	1185	3.92	-162	280.75		
1018MST			15.8	7.43	1184	3.75	-162	280.76		
1023MST			15.8	7.43	1184	3.29	-162	280.77		Pulled samples
1034MST			20.9	7.35						Filtered PH

Condition of Sampler:
Sampler clean and in good condition.

Full Suite: Yes / # PW-1
Partial Suite: / No #

Pump Depth: 345 ft BTOC
Duplicate \ No #
Rinsate \ No #
Trip Blank \ No #

Additional Comments:

PPE Utilized: Gloves X; Safety Glasses X

Signature: Jess W Fullerton

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-2	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1610MST	4/29/09
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
420	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
Static Water Level (ft.)					
332.43		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
87.57	Comments:				
Casing Volume (gal.)					
131.36	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up (ft.): 1.7 / Screen Int. (ft.): 340-410	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No Destination:					

Meter Calibration

Time: 0702mst Date: 4/29/2009 Auto. Calibrations? pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 13.3 °C — Calibration Evaluation 3 Bars

pH std. # 2 = 7.00 at 13.3 °C

Slope = -59 mV/pH — Assymetry = -11 mV

Specific Conductance

Cell Constant = 0.470 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.76 at 11.4 °C — Calibration Evaluation 2 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 227 mV

Comments: Post sampling calibration performed at 1820MST, all good.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1450MST										Started Purge
1520MST		5	16.1	7.40	1318	0.88	-199			
1525MST			16.2	7.39	1317	0.82	-198			
1530MST			16.2	7.40	1319	0.80	-200			
1535MST			16.2	7.40	1318	0.72	-201			
1540MST			16.2	7.39	1319	0.66	-201			
1545MST			16.2	7.40	1318	0.52	-204			
1550MST		10	16.2	7.40	1318	0.51	-203			
1555MST			16.2	7.39	1318	0.50	-204			
1610MST		13								Pulled samples
1621MST			19.1	7.22						Filtered PH

Condition of Sampler:
Good, all clean.

Full Suite: Yes / No	Pump Depth:	375	ft BTOC
# PW-2	Duplicate	\ No	#
Partial Suite: Yes / No	Rinsate	\ No	#
#	Trip Blank	\ No	#

Additional Comments:
Gallons removed is a running total.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-3	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1415MST	4/30/09
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
380	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
Static Water Level (ft.)					
264.08		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
115.92	Comments:				
Casing Volume (gal.)					
173.88	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up / Screen Int.	Comments:				
1.7 (ft.) / 240-280' 320-370'	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Time: 0510mst Date: 4/30/2009 Auto. Calibrations?

pH X Cond. X D.O. X ORP X

pH

pH std. # 1 = 4.01 at 14.6 °C Calibration Evaluation

pH std. # 2 = 7.00 at 14.6 °C 3 Bars

Slope = -59 mV/pH Assymetry = -9 mV

Specific Conductance

Cell Constant = 0.469 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.75 at 15.1 °C Calibration Evaluation 2 Bars

Oxygen-Reduction Potential

Conductance Standard: 230 mV Reads: 209 mV

Comments: Post sampling calibration performed at 1621 MST, all passed with 3 bars.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	(gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1251MST								264.08		Start Purge - Water clear
1343MST		5	15.1	7.47	1245	11.44	-30	264.08		
1348MST			15.1	7.48	1244	10.39	-27	264.08		Increased flow
1353MST			15.1	7.47	1243	10.35	-21	264.09		
1358MST			15.1	7.47	1243	10.33	-20	264.09		
1403MST			15.1	7.47	1243	10.32	-20	264.09		
1408MST			15.1	7.47	1243	10.33	-20	264.10		
1415MST			15.1	7.47	1243	10.33	-20	264.12		Pulled samples
		12								
1426MST			18.8	7.5						Filtered PH

Condition of Sampler:
Sampler clean and in good condition.

Full Suite: Yes /		Pump Depth: 335	ft BTOC
# PW-3		Duplicate Yes \	# Duplicate
Partial Suite: / No		Rinsate \ No	#
#		Trip Blank \ No	#

Additional Comments:
Gallons removed is a running total

PPE Utilized		
Gloves	X	
Safety Glasses	X	

Signature: Jess W Fulbright

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Jess W Fulbright

Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing Stick-up (ft ags)	Static Water Level (ft BTOC)	Total Depth (ft BTOC)	Casing Volume (gal)	Security		Comments
							Cap (Y/N)	Lock (Y/N)	
MW-1	04/28/09	0840 MST	2.0	Dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	04/28/09	0850 MST	2.2	Dry	27.42	NA	Yes	Yes	Not Sampled, Dry
MW-3	04/28/09	0910 MST	2.4	Dry	102.65	N/A	Yes	Yes	Not Sampled, Dry
MW-4	04/28/09	0930 MST	2.2	Dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	04/28/09	1047 MST	2.4	280.73	301	13.18	Yes	Yes	Probable Sample, will bail & wait
	04/28/09	1227 MST	2.4	297.64	301	2.18			Bailed ≈ 18 gal to dry
	04/30/09	1534 MST	2.4	291.12	301	6.42	Yes	Yes	Sampled
MW-6	04/28/09	1009 MST	2.8	407.77	484.49	49.87	Yes	Yes	Will Sample
MW-7	04/28/09	1033 MST	2.8	335.87	425	57.93	Yes	Yes	Will Sample
MW-8	04/28/09	0948 MST	2.6	381.46	421.93	26.31	Yes	Yes	Will Sample
MW-9	04/28/09	1009 MST	2.3	416.47	422	3.59	Yes	Yes	Probable no sample, will bail and wait
	04/28/09	1339 MST	2.3	424.22	422	-1.44	Yes	Yes	Bailed ≈ 9.5 gal to dry
	04/30/09	1644 MST	2.3	423.84	422	-1.20	Yes	Yes	Not Sampled, Insufficient recharge
PW-1	04/28/09	1053 MST	1.8	280.69	380	148.97	Yes	Yes	Will Sample
PW-2	04/28/09	1021 MST	1.7	332.43	420	131.36	Yes	Yes	Will Sample
PW-3	04/28/09	1104 MST	1.7	264.08	380	173.88	Yes	Yes	Will Sample

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-5	X Disposable Bailer Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/AM/MW	0755MST	7/31/09

Casing Diameter (in.): 4

Total Well Depth (ft.): ~301

Static Water Level (ft.): 280.97

Water Thickness (ft.): 20.03

Casing Volume (gal.): 13.02

Stick-up	Screen Int.
2.31 (ft.)	274-294 (ft.)

Purge Containerized: ____ Yes __X__ No

Destination:

Comments:

Sample Equipment
X Disposable Bailer
Bladder Pump
Grundfos Pump
Other :
Comments:

Filtration Equipment: 0.45 micron filter
Comments:

Water Level Meter: X Keck
Other:
Comments:

Cond. Meter (temp): X WTW 3400i
Other:
Comments:

DO Meter: X WTW 3400i
Other:
Comments:

ORP Meter: X WTW 3400i
Other:
Comments:

Turbidity Meter: WTW
Other:
Comments:

Meter Calibration

Time: 0500mst Date: 7/31/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 21.8 °C — Calibration Evaluation 1 Bars

pH std. # 2 = 7.00 at 21.8 °C

Slope = -56.6 mV/pH — Asymmetry = -15 mV

Specific Conductance

Cell Constant = 0.496 /cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.89 at 21.8 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 207 mV

Comments: Post sampling calibration performed at 1359 MST, all ok.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
7/27/09 1733	1.4	18						298.82		Purged well to dry
7/31/09 0735MST			16.2	7.79	1156	7.40	108	285.72		Began bailing sample - Water fairly clear
0737MST			16.2	7.79	1157	7.38	108			
0740MST			16.3	7.79	1158	7.36	107			
0745MST			16.3	7.79	1157	7.36	106			
0750MST		10	16.4	7.79	1157	7.35	106	298.88		Finished bailing sample - Water fairly muddy now
0818MST			16.9	7.84						Filtered PH

Condition of Sampler:
Decontaminated dedicated bailer and two 5 gal buckets for sample water.

Full Suite: Yes / # MW-5
Partial Suite: / No
#

Pump Depth: ft BTOC
Duplicate \ No #
Rinsate \ No #
Trip Blank \ No #

Additional Comments:
Post sampling calibration performed @ 1359 MST.

PPE Utilized
Gloves X
Safety Glasses X

Signature: Jim W. Fullright

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-6	___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other:	JWF/AM	0822MST	7/28/09
Casing Diameter (in.): 4	Comments:	Comments:			
Total Well Depth (ft.): 484.49	Sample Equipment ___ Disposable Bailer ___ Bladder Pump X Grundfos Pump ___ Other :	Cond. Meter (temp): X WTW 3400i ___ Other:			
Static Water Level (ft.): 407.67	Comments:	Comments:			
Water Thickness (ft.): 76.82		DO Meter: X WTW 3400i ___ Other:			
Casing Volume (gal.): 49.93	Filtration Equipment: 0.45 micron filter	Comments:			
Stick-up: 1.37 (ft.) / Screen Int.: 459-479 (ft.)	Comments:	ORP Meter: X WTW 3400i ___ Other:			
Purge Containerized: ___ Yes X No	Water Level Meter: X Keck ___ Other:	Comments:			
Destination:	Comments:	Turbidity Meter: ___ WTW ___ Other:			
		Comments:			

Meter Calibration

Time: 0500mst Date: 7/28/2009 Auto. Calibrations?

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 24.7 °C

pH std. # 2 = 7.00 at 24.7 °C

Slope = -57.6 mV/pH Asymmetry = -21 mV

Calibration Evaluation: 2 Bars

Specific Conductance

Cell Constant = 0.455 1/cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

Relative Slope = 0.89 at 24.7 °C

Calibration Evaluation: 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 201 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0624MST										Start purge ≈ 4.55 gpm, water clear, sulfur smell.
0724MST	5.5	273	18.9	6.98	3.31	0.05	-347			
0729MST	5.9	295.8	18.9	6.98	3.30	0.06	-351			
0734MST	6.4	318.5	18.9	6.97	3.29	0.06	-353			
0739MST	6.8	341.3	18.9	6.98	3.28	0.07	-355			
0744MST	7.3	364	18.9	6.98	3.28	0.07	-354			
0749MST	7.7	386.8	19	6.97	3.27	0.08	-354			
0754MST	8.2	409.5	19	6.98	3.27	0.08	-354			
0759MST	8.7	432.3	18.9	6.98	3.27	0.09	-354			
0804MST	9.1	455	18.9	6.98	3.27	0.09	-353			
0809MST	9.6	477.8	19	6.97	3.27	0.11	-354			
0814MST	10.0	500.5	19	6.97	3.27	0.11	-354			
0819MST	10.5	523.3	19	6.97	3.27	0.11	-354			
0822MST	10.8	536.9								Started Pulling Samples
0833MST			19.6	7.08						Filtered PH Final Depth 409.69'

Condition of Sampler:
Everything in good condition.

Full Suite: Yes /	Pump Depth:		ft BTOC
# MW-6	Duplicate	\ No	#
Partial Suite: / No	Rinsate	\ No	#
#	Trip Blank	\ No	#

Additional Comments:
Post sampling calibration performed @ 1920 on 7-28-09.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-7	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/MW	0921 MST	7/31/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
4	425	335.82	89.18	57.97

Comments:

Sample Equipment: ___ Disposable Bailer; X Bladder Pump; ___ Grundfos Pump; ___ Other :

Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other:; Comments:

DO Meter: X WTW 3400i; ___ Other:; Comments:

Filtration Equipment: 0.45 micron filter; Comments:

ORP Meter: X WTW 3400i; ___ Other:; Comments:

Stick-up (ft.)	Screen Int. (ft.)
2.75	365-425

Water Level Meter: X Keck; ___ Other:; Comments:

Turbidity Meter: ___ WTW; ___ Other:; Comments:

Purge Containerized: ___ Yes X No

Destination:

Meter Calibration

Time: 0500mst Date: 7/31/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 21.8 °C Calibration Evaluation

pH std. # 2 = 7.00 at 21.8 °C 1 Bars

Slope = -56.6 mV/pH Assymetry = -15 mV

Specific Conductance

Cell Constant = 0.496 /cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.89 at 21.8 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Standard: 220 mV Reads: 207 Temp. 22.0 °C

Calibration Notes:

Post sampling calibration @ 1359 MST on 7/31/09, all ok.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0842MST			15.2	7.59	1360	3.64	160	335.82		Water Clear, No Odor
0847MST			15.4	7.57	1360	3.90	161	335.83		
0852MST			15.6	7.56	1332	3.73	162	335.85		
0857MST			15.7	7.54	1323	3.76	162	335.85		
0902MST			15.8	7.52	1308	3.69	165	335.86		
0907MST			15.8	7.51	1298	3.41	168	335.87		
0912MST		5	15.8	7.49	1286	3.43	168	335.87		
0917MST			15.8	7.49	1291	3.42	170	335.88		
0921MST			15.8	7.50	1290	3.42	169	335.92		Started pulling samples
0938MST		8	19.9	7.56						Filtered PH reading

Condition of Sampler:

All in good order and clean.

Full Suite: Yes / # MW-7

Partial Suite: / No #

Pump Depth: 395 ft BTOC

Duplicate \ No

Rinsate \ No #

Trip Blank \ No #

Additional Comments:

Post sampling calibration performede @ 1359 MST.

PPE Utilized: Gloves X; Safety Glasses X

Signature: Jess W Fullright

L:/Catalog/Forms/GW Sampling Field Data Sheet

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
MW-8	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1501 MST	7/29/09

Casing Diameter (in.): 4

Total Well Depth (ft.): 421.93

Static Water Level (ft.): 381.51

Water Thickness (ft.): 40.42

Casing Volume (gal.): 26.27

Stick-up	Screen Int.
2.58 (ft.)	297-417 (ft.)

Purge Containerized: ___ Yes X No

Destination:

Purge Equipment — Comments:

Sample Equipment — Comments:

Filtration Equipment: 0.45 micron filter — Comments:

Water Level Meter: X Keck; ___ Other: — Comments:

Analytical Equipment

pH meter (temp): X WTW 3400i; ___ Other: — Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other: — Comments:

DO Meter: X WTW 3400i; ___ Other: — Comments:

ORP Meter: X WTW 3400i; ___ Other: — Comments:

Turbidity Meter: ___ WTW; ___ Other: — Comments:

Meter Calibration

Time: 1306mst Date: 4/29/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP X

pH std. # 1 = 4.01 at 29 °C — Calibration Evaluation 1 Bars

pH std. # 2 = 7.00 at 29 °C

Slope = -57 mV/pH — Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.500 1/cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.91 at 28.8 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 200 mV

Comments: Post sampling calibration performed at 1846 MST, all good.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1330MST								381.51		Started purge-water clear
1354MST			16.9	6.92	2.94	0.14	-147			Started readings
1359MST			17.1	6.86	2.95	0.12	-139			
1404MST			17.9	6.83	2.96	0.15	-134			
1410MST		5	17.6	6.81	2.98	0.12	-128			Dump 5 gal @ 1411 MST
1416MST			17.4	6.80	3.01	0.12	-130			
1421MST			16.9	6.81	3.00	0.12	-136			
1427MST			16.9	6.80	3.01	0.11	-176			
1433MST			16.9	6.80	3.03	0.11	-189			
1440MST			16.9	6.80	3.02	0.11	-188			
1445MST		10	16.9	6.80	3.02	0.11	-189	381.92		Dump 5 gal @ 1449 MST
1452MST										Changed Bottles, start pulling
1501MST										Pulled Samples
1522MST		13	17.4	6.83						Filtered PH

Condition of Sampler: All good.

Full Suite: Yes /	Pump Depth: 400 ft BTOC		
# MW-8	Duplicate	Yes \	#
Partial Suite: / No	Rinsate	\ No	#
#	Trip Blank	\ No	#

Additional Comments: Gallons removed is a running total. Post Sampling calibration performed @ 1846 MST.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-1	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1822MST	7/30/09

Casing Diameter (in.)	Total Well Depth (ft.)	Static Water Level (ft.)	Water Thickness (ft.)	Casing Volume (gal.)
6	380	280.21	99.79	149.69

Stick-up (ft.)	Screen Int. (ft.)
1.8	320-370

Purge Containerized: ___ Yes X No

Destination:

Comments:

Sample Equipment: ___ Disposable Bailer; X Bladder Pump; ___ Grundfos Pump; ___ Other :

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck; ___ Other:

Comments:

Cond. Meter (temp): X WTW 3400i; ___ Other:

Comments:

DO Meter: X WTW 3400i; ___ Other:

Comments:

ORP Meter: X WTW 3400i; ___ Other:

Comments:

Turbidity Meter: ___ WTW; ___ Other:

Comments:

Meter Calibration

Time: 1008mst Date: 7/30/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 22.0 °C Calibration Evaluation

pH std. # 2 = 7.00 at 22.0 °C 3 Bars

Slope = -56.7 mV/pH Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.498 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.90 at 25.0 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 210 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1606MST										Set up but had problems wpump
1706MST										Started purge, water clear
1732MST			16.5	7.47	1252	0.41	-169	280.24		Started readings
1737MST		5	16.4	7.47	1268	0.35	-168	280.24		
1742MST			16.6	7.46	1259	0.40	-158	280.26		
1747MST			16.2	7.46	1266	0.40	-157	280.25		
1752MST			15.9	7.46	1266	0.40	-156	280.24		
1757MST			15.9	7.45	1265	0.49	-152	280.25		
1802MST			15.9	7.46	1263	0.49	-151	280.26		
1807MST			15.9	7.45	1262	0.50	-151	280.26		
1812MST		10	15.9	7.45	1263	0.49	-151	280.26		
1822MST										Started pulling samples
1903MST		13	17.9	7.72				280.28		Filtered PH

Condition of Sampler:
Sampler clean and in good condition.

Full Suite: Yes / # PW-1

Partial Suite: / No #

Pump Depth: 345 ft BTOC

Duplicate Yes \ #

Rinsate \ No #

Trip Blank \ No #

Additional Comments:
Post sampling calibration performed @ 2255 MST.

PPE Utilized: Gloves X; Safety Glasses X

Signature: Jesse W Tullis

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-2	___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/MW	1110 MST	7/31/09
Casing Diameter (in.)					
6					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
420					
Static Water Level (ft.)	Sample Equipment ___ Disposable Bailer X Bladder Pump ___ Grundfos Pump ___ Other :				
332.13		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
87.87	Comments:				
Casing Volume (gal.)					
131.81	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up (ft.) / Screen Int. (ft.)	Comments:				
1.7 / 340-410	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes X No					
Destination:					

Meter Calibration

Time: 0500mst Date: 7/31/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 21.8 °C Calibration Evaluation

pH std. # 2 = 7.00 at 21.8 °C 1 Bars

Slope = -56.6 mV/pH Assymetry = -15 mV

Specific Conductance

Cell Constant = 0.496 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.89 at 21.8 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 207 mV

Comments: Post sampling calibration performed at 1359 MST, all good.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	(gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1016MST										Started Purge
1045MST			17.5	7.27	1356	1.01	-168			
1050MST			17.4	7.32	1359	0.77	-177			
1055MST			17.5	7.32	1357	0.77	-180			
1100MST		5	17.6	7.33	1353	0.68	-183			
1105MST			17.6	7.32	1357	0.69	-183			Started Pulling samples
1140MST		7	20.8	7.37						Filtered PH

Condition of Sampler:
Good, all clean.

Full Suite: Yes / No		Pump Depth:	375 ft BTOC
# PW-2		Duplicate \ No	#
Partial Suite: Yes / No		Rinsate \ No	#
#		Trip Blank \ No	#

Additional Comments:
Gallons removed is a running total. Post sampling calibration performed @ 1359 MST.

PPE Utilized		
Gloves	X	
Safety Glasses	X	

Signature: Jess W Fullright

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
PW-3	Disposable Bailer X Bladder Pump Grundfos Pump Other :	pH meter (temp): X WTW 3400i Other: Comments:	JWF/AM/DR	1318 MST	7/31/09

Casing Diameter (in.): 6

Total Well Depth (ft.): 380

Static Water Level (ft.): 263.93

Water Thickness (ft.): 116.07

Casing Volume (gal.): 174.11

Stick-up	Screen Int.
1.7 (ft.)	240-280' 320-370'

Purge Containerized: ___ Yes X No

Destination:

Comments:

Sample Equipment: Disposable Bailer; X Bladder Pump; Grundfos Pump; Other :

Comments:

Filtration Equipment: 0.45 micron filter

Comments:

Water Level Meter: X Keck; Other:

Comments:

Cond. Meter (temp): X WTW 3400i; Other:

Comments:

DO Meter: X WTW 3400i; Other:

Comments:

ORP Meter: X WTW 3400i; Other:

Comments:

Turbidity Meter: WTW; Other:

Comments:

Meter Calibration

Time: 0500mst Date: 7/31/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 21.8 °C — Calibration Evaluation 1 Bars

pH std. # 2 = 7.00 at 21.8 °C

Slope = -56.6 mV/pH — Assymetry = -15 mV

Specific Conductance

Cell Constant = 0.496 1/cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.89 at 21.8 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 207 mV

Comments: Post sampling calibration performed at 1359 MST, all ok.

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (mS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1240MST								263.88		Start Purge - Water clear
1255MST			15.0	7.51	1313	5.1	-53	263.92		
1300MST			15.1	7.51	1309	4.95	-56	263.90		
1305MST			15.1	7.50	1299	4.75	-55	263.89		
1310MST		5	15.1	7.51	1302	4.78	-55	263.89		
1315MST			15.1	7.53	1299	4.78	-55	263.89		
1318MST										Started pulling samples
1350MST		7	18.1	7.83						Filtered PH

Condition of Sampler:
Sampler clean and in good condition.

Full Suite: Yes /		Pump Depth: 335	ft BTOC
#		Duplicate Yes \	#
Partial Suite: / No		Rinsate \ No	#
#		Trip Blank \ No	#

Additional Comments:
Gallons removed are a running total. Blow out the dedicated sampler line prior to putting the pump in the well. Post sampling calibration performed @ 1359 MST.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: Jess W Tullyth

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
Davis Well	___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump X Other : Pre-installed Pump	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1739 MST	7/29/09
Casing Diameter (in.)					
4"					
Total Well Depth (ft.)	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
Static Water Level (ft.)	Sample Equipment ___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump X Other : Pre-installed Pump				
See Note Below		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)					
Casing Volume (gal.)	Comments:				
	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up (ft.) / Screen Int. (ft.)	Water Level Meter: X Kack ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: ___ Yes ___ No					
Destination:					

Meter Calibration

Time: 1306mst Date: 7/29/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 29 °C Calibration Evaluation

pH std. # 2 = 7.00 at 29 °C 1 Bars

Slope = -57 mV/pH Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.500 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.91 at 28.8 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 200 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1620MST										Started Purge 6.52gpm water very clear
1645MST		163	16.3	7.69	885	0.74	95			
1650MST		195.6	16.2	7.67	885	0.73	92			
1655MST		228.2	16.2	7.66	885	0.73	82			
1700MST		260.8	16.3	7.65	885	0.73	79			
1705MST		293.4	16.3	7.65	885	0.73	78			
1710MST		326	16.3	7.65	885	0.72	76			
1715MST		358.6	16.3	7.65	885	0.72	76			
1720MST		391.2	16.3	7.65	885	0.72	76			
1739MST		515.1								Pulled Samples
1743MST			18.8	7.72						Filtered PH

Note: Not able to get depth probe in well but owner says static is 158', flow of 6.52 gpm is maximum pump would produce from hose bib in well house. Flow was maintained throughout sampling.

Condition of Sampler:	Full Suite: Yes /	Pump Depth: ft BTOC	
Very good.	Davis Well	Duplicate \ No	#
	Partial Suite: / No	Rinsate \ No	#
	#	Trip Blank \ No	#

Additional Comments:	PPE Utilized	Gloves	X
Post sampling calibration performed @ 1846 MST.		Safety Glasses	X

Signature: Jesse W Fulbright

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
BLM Well	Disposable Bailer / Bladder Pump / Grundfos Pump / X Other: Pre-installed Pump	pH meter (temp): X WTW 3400i / Other:	JWF/AM/DR	1422 MST	7/30/09
Casing Diameter (in.): 6"	Comments:	Comments:			
Total Well Depth (ft.):		Cond. Meter (temp): X WTW 3400i / Other:			
Static Water Level (ft.): 168.68	Sample Equipment: Disposable Bailer / Bladder Pump / Grundfos Pump / X Other: Pre-installed Pump	Comments:			
Water Thickness (ft.):	Comments:	DO Meter: X WTW 3400i / Other:			
Casing Volume (gal.):		Comments:			
Stick-up: 1.25 (ft.) / Screen Int. (ft.)	Filtration Equipment: 0.45 micron filter	ORP Meter: X WTW 3400i / Other:			
	Comments:	Comments:			
Purge Containerized: ___ Yes ___ No	Water Level Meter: X Keck / Other:	Turbidity Meter: WTW / Other:			
Destination:	Comments:	Comments:			

Meter Calibration

Time: 1005mst Date: 7/30/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 22 °C

pH std. # 2 = 7.00 at 22 °C

Slope = -56.7 mV/pH

Calibration Evaluation: 1 Bars

Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.498 1/cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

RelativeSlope = 0.90 at 25 °C

Calibration Evaluation: 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 210 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
1255MST								168.68		Started Purge 7.5 gpm water very clear
1315MST		150.0						169.39		Pump off, hooked up block
1320MST										Pump on, flow now 6.82gpm
1341MST		293.2	17.2	7.41	1423	2.73	-51			Started Readings
1345MST		320.5	17.3	7.41	1426	2.69	-57			
1350MST		354.6	17.3	7.40	1430	2.67	-63	169.40		
1355MST		388.7	17.3	7.39	1432	2.66	-65			
1400MST		422.8	17.3	7.38	1435	2.64	-67	169.38		
1405MST		456.9	17.2	7.39	1437	2.59	-69			
1410MST		491.0	17.2	7.36	1443	2.55	-68	169.39		
1415MST		525.5	17.2	7.37	1444	2.54	-68			
1420MST		559.2	17.2	7.36	1444	2.54	-68	169.38		
1422MST		572.8								Started pulling samples
1438MST		682.0	18.4	7.42				169.40		Filtered PH, Pump off

Note: Borrowed Robert Davis' generator to run pump with. Rainied heavy from 1324 MST to 1340 MST, we covered the sampling equipment and let the pump run at the 6.82 gpm flow rate during the rain event.

Condition of Sampler:	Full Suite: Yes /	Pump Depth: ft BTOC	
Very good.	Davis Well	Duplicate \ No	#
	Partial Suite: / No	Rinsate \ No	#
	#	Trip Blank \ No	#

Additional Comments:	PPE Utilized	Gloves	X
Post sampling calibration performed @ 2255 MST.		Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
Boren Well	___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump X Other : Pump in place	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	0948 MST	8/2/09
Casing Diameter (in.)	Comments:				
3"					
Total Well Depth (ft.)		Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
100'	Sample Equipment ___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump X Other : Pump in place				
Static Water Level (ft.)					
28.06'		DO Meter: X WTW 3400i ___ Other: Comments:			
Water Thickness (ft.)	Comments:				
71.94'					
Casing Volume (gal.)	Filtration Equipment:	ORP Meter:			
26.62	0.45 micron filter	X WTW 3400i ___ Other:			
Stick-up (ft.) / Screen Int. (ft.)	Comments:	Comments:			
1.25 / 65'	Water Level Meter: X Keck ___ Other:	Turbidity Meter: ___ WTW ___ Other:			
Purge Containerized: NO	Comments:	Comments:			
Destination:					

Meter Calibration

Time: 0755mst Date: 8/2/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 23.1 °C Calibration Evaluation

pH std. # 2 = 7.00 at 23.1 °C 2 Bars

Slope = -57.4 mV/pH Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.497 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.91 at 17.0 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 220 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0530MST										Started purge @ 0530MST 12.0 gpm water very clear
0915MST		2700								Hooked up block, add 0.54 gpm to total flow
0923MST		2800	24.6	7.41	1423	4.54	147			
0928MST		2863	19.9	7.42	1438	4.63	145			
0933MST		2926	19.3	7.43	1440	4.78	146			
0938MST		2988	19.0	7.41	1440	4.78	147			
0943MST		3051	18.9	7.44	1441	4.82	152			
0948MST										Started pulling samples
0958MST			20.1	7.5						Filtered PH

Condition of Sampler:
Very good.

Full Suite: Yes /		Pump Depth: 65' ft BTOC	
I.D.	Boren Well	Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
I.D.		Trip Blank \ No	#

Additional Comments:
Jan Boren started purge for us @ 0530 MST. Post sampling calibration performed @ 1815 MST.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jason W Talbright

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge Mill Site

GROUNDWATER SAMPLING FIELD DATA SHEET

Well No.	Purge Equipment	Analytical Equipment	Sampler's Initials	Time	Date
Stone Spring	___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump X Other : Gravity fed to sample point	pH meter (temp): X WTW 3400i ___ Other: Comments:	JWF/AM/DR	1109 MST	8/2/09
Casing Diameter (in.): N/A	Comments:	Cond. Meter (temp): X WTW 3400i ___ Other: Comments:			
Total Well Depth (ft.): N/A	Sample Equipment ___ Disposable Bailer ___ Bladder Pump ___ Grundfos Pump ___ Other : Gravity fed to sample point Comments:	DO Meter: X WTW 3400i ___ Other: Comments:			
Static Water Level (ft.): N/A					
Water Thickness (ft.): N/A					
Casing Volume (gal.): See additional comments below	Filtration Equipment: 0.45 micron filter Comments:	ORP Meter: X WTW 3400i ___ Other: Comments:			
Stick-up: N/A (ft.) / Screen Int.: N/A (ft.)	Water Level Meter: X Keck ___ Other: Comments:	Turbidity Meter: ___ WTW ___ Other: Comments:			
Purge Containerized: NO Destination:					

Meter Calibration

Time: 0755mst Date: 8/2/2009 Auto. Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 4.01 at 23.1 °C — Calibration Evaluation

pH std. # 2 = 7.00 at 23.1 °C — 2 Bars

Slope = -57.4 mV/pH — Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.497 1/cm — Calibration Evaluation 3 Bars

RelativeSlope = 0.91 at 17.0 °C — Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: 220 mV Reads: 220 mV

Casing Volume multipliers (gal/ft): 2"=(.16) 3"=(.37) 4"=(.65) 6"=(1.5)

Time	Volume Removed (casings)	Volume Removed (gal)	Temp. (°C)	pH (s.u.)	Cond (uS/cm)	DO (mg/L)	ORP (mV)	Water Level (ft below TOC)	Pumping Rate (gal/min)	Visual Description
0615MST										Started purge @ 0615MST 4.69 gpm water very clear
1015MST		1126								shut off purge, flow at 0.44 gpm running through block
1041MST		1137	22.9	7.51	1122	4.14	143			
1046MST		1139	23.0	7.47	1112	4.21	143			
1051MST		1141	22.4	7.54	1099	4.49	143			
1056MST		1144	21.9	7.58	1096	4.58	144			
1101MST		1146	21.6	7.59	1098	4.58	144			
1106MST		1148	21.1	7.59	1093	4.52	146			
1109MST		1149								Started pulling samples
1129MST			23.0	7.64						Filtered PH

Condition of Sampler:
Very good.

Full Suite: Yes /		Pump Depth: N/A ft BTOC	
I.D. Stone Spring		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
I.D.		Trip Blank \ No	#
PPE Utilized		Gloves	X
		Safety Glasses	X

Additional Comments:
1.25" diameter pipe from spring to sampling point = 1000' in length, volume of water contained in pool at spring unknown. Post sampling calibration performed @ 1615 MST.

Signature: Jess W Fullright

ENERGY FUELS RESOURCES CORPORATION

WATER LEVEL MEASUREMENT FORM

Personnel: Jess W Fulbright

Project: Piñon Ridge Mill Site

Well ID	Date	Time	Casing Stick-up (ft ags)	Static Water Level (ft BTOC)	Total Depth (ft BTOC)	Casing Volume (gal)	Security		Comments
							Cap (Y/N)	Lock (Y/N)	
MW-1	07/27/09	1207 MST	2.0	Dry	32.49	NA	Yes	Yes	Not Sampled, Dry
MW-2	07/27/09	0940 MST	2.2	Dry	27.42	NA	Yes	Yes	Not Sampled, Dry
MW-3	07/27/09	1158 MST	2.4	Dry	102.65	N/A	Yes	Yes	Not Sampled, Dry
MW-4	07/27/09	0950 MST	2.2	Dry	67.67	NA	Yes	Yes	Not Sampled, Dry
MW-5	07/27/09	1112 MST	2.4	280.97	301	13.02	Yes	Yes	Probable Sample, will bail & wait
	07/27/09	1733 MST	2.4	298.82	301	1.42			Bailed ≈ 18 gal to dry
	07/31/09	0630 MST	2.4	285.72	301	9.93	Yes	Yes	Sampled
MW-6	07/27/09	1014 MST	2.8	407.67	484.49	49.93	Yes	Yes	Will Sample
MW-7	07/27/09	1030 MST	2.8	335.82	425	57.97	Yes	Yes	Will Sample
MW-8	07/27/09	1000 MST	2.6	381.51	421.93	26.27	Yes	Yes	Will Sample
MW-9	07/27/09	1059 MST	2.3	416.99	424.5	4.88	Yes	Yes	Probable no sample, will bail and wait
	07/27/09	1436 MST	2.3	423.42	424.5	0.70	Yes	Yes	Bailed ≈ 10 gal to dry
	07/30/09	1922 MST	2.3	422.29	424.5	1.44	Yes	Yes	Not Sampled, Insufficient recharge
PW-1	07/27/09	1124 MST	1.8	280.21	380	149.69	Yes	Yes	Will Sample
PW-2	07/27/09	1042 MST	1.7	332.13	420	131.81	Yes	Yes	Will Sample
PW-3	07/27/09	1141 MST	1.7	263.93	380	174.11	Yes	Yes	Will Sample