

# Leak Detection and Repair (LDAR) Annual Report Form<sup>1</sup>



Please submit via email to: [cdphe\\_reg7LDAR\\_annualreports@state.co.us](mailto:cdphe_reg7LDAR_annualreports@state.co.us)

## Section 1: General Information

Company Name:	Mull Drilling Company		
Inspection Year:	2015	# Facilities Inspected: <sup>2</sup>	53
Contact Person:	Carl Smalley	Title:	Environmental Manager
Phone Number:	719.767.8805	E-mail Address:	<a href="mailto:csmalley@mulldrilg.com">csmalley@mulldrilg.com</a>

## Section 2: LDAR Inspections

Inspection Method	# Inspections <sup>3</sup>
AIMM at Natural Gas Compressor Stations:	0
AIMM at Well Production Facilities:	78
AVO at Well Production Facilities:	264
<b>TOTAL</b>	<b>342</b>

## Section 3: Leaking Components Details

Component Type	# Leaks Identified <sup>4</sup>	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31
Valves:	27	27	0
Connectors:	27	27	0
Flanges:	2	2	0
Pump Seals:	1	1	0
Pressure Relief Devices:	7	7	0
<b>TOTAL</b>	<b>64</b>	<b>64</b>	<b>0</b>

## Section 4: Responsible Official Certification

All information contained in the LDAR Annual Report must be certified by a responsible official as defined in Colorado Regulation No. 3, Part A, Section 1.B.38.

Please note the Colorado Statutes state that any person who knowingly, as defined in §18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of §25-7 122.1, C.R.S.

I, the Responsible Official, have reviewed this annual report in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this report are true, accurate and complete.

Printed/Typed Name - Responsible Official:	Title:
Jennifer Mull	Chief Executive Officer
Signature:	Date:
	8.24.16

Section 5: Additional Notes

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Section 6: Facilities Inspected

Addendum Table 1		
Plant AIRS ID (e.g., 123/7896)	Location (e.g., Lat/Long)	Facility Name
017/0305	38.61691° / -102.43733°	APC BAUGHMAN ASSOCIATED EQUIPMENT
017/0305	38.61667° / -102.43674°	APC BAUGHMAN 1-35
017/0314	38.63169° / -102.44472°	APC BETTY 1-27
017/0314	38.63196° / -102.44470°	APC BETTY ASSOCIATED EQUIPMENT
061/0216	38.60142° / -102.43779°	APC CHARLOTTE 1-3
061/0216	38.60517° / -102.43580°	APC CHARLOTTE ASSOCIATED EQUIPMENT
017/0317	38.63176° / -102.40682°	APC DOUG 1-25
017/0317	38.64383° / -102.40126°	APC DOUG ASSOCIATED EQUIPMENT
017/0314	38.60829° / -102.439329°	APC METER RUN
061/0197	38.52574° / -102.44094°	APC TALLMAN 1-3
061/0197	38.522° / -102.43901°	APC TALLMAN 2-3
061/0197	38.5184° / -102.43932°	APC TALLMAN 3-3
061/0197	38.5202° / -102.43764°	APC TALLMAN ASSOCIATED EQUIPMENT
061/0200	38.53823° / -102.466360°	APC TENNELL
061/0200	38.53807° / -102.47244°	APC TENNELL ASSOCIATED EQUIPMENT
017/0264	38.88284° / -102.34018°	CHAMPLIN ALDRICH #3
017/0264	38.88143° / -102.33675°	CHAMPLIN ALDRICH #4
Not Assigned	38.87291° / -102.33622°	CHAMPLIN ALDRICH A #5
Not Assigned	38.87562° / -102.33633°	CHAMPLIN ALDRICH A #7
Not Assigned	38.87012° / -102.33600°	CHAMPLIN ALDRICH A ASSOCIATED EQUIPMENT
017/0264	38.88448° / -102.34124°	CHAMPLIN ALDRICH ASSOCIATED EQUIPMENT
017/0324	38.88664° / -102.33099°	CHAMPLIN FIGGINS #1
017/0324	38.88671° / -102.33600°	CHAMPLIN FIGGINS ASSOCIATED EQUIPMENT
Not Assigned	38.87543° / -102.34469°	CHAMPLIN HORNPOSTAL #1
Not Assigned	38.87543° / -102.34469°	CHAMPLIN HORNPOSTAL ASSOCIATED EQUIPMENT
017/0283	38.86862° / -102.33088°	CHAMPLIN PELTON A 4
017/0283	38.86890° / -102.33295°	CHAMPLIN PELTON A ASSOCIATED EQUIPMENT
017/0265	38.89694° / -102.345°	CROSBY 1
017/0265	38.89371° / -102.34481°	CROSBY 2
017/0265	38.89763° / -102.34968°	CROSBY 3
017/0265	38.89362° / -102.34962°	CROSBY 4
017/0265	38.89884° / -102.34515°	CROSBY ASSOCIATED EQUIPMENT

Not Assigned	38.75244° / -102.05147°	FUSU #5-1
Not Assigned	38.75661° / -102.05328°	FUSU ASSOCIATED EQUIPMENT
Not Assigned	38.75667° / -102.05211°	FUSU#4-1 GIW
017/0321	38.90222° / -102.25683°	GORMAN 1
017/0321	38.90357° / -102.24609°	GORMAN ASSOCIATED EQUIPMENT
Not Assigned	38.75914° / -102.76527°	JELINEK 1-10
Not Assigned	38.75914° / -102.76527°	JELINEK ASSOCIATED EQUIPMENT
017/0266	38.89374° / -102.34049°	KERN 1
017/0266	38.89387° / -102.33568°	KERN 2
017/0266	38.89731° / -102.34034°	KERN 3
017/0247	38.89139° / -102.33945°	KERN A- ASSOCIATED EQUIPMENT
017/0247	38.89018° / -102.33543°	KERN A-1
017/0247	38.88607° / -102.3403°	KERN A-2
017/0247	38.89011° / -102.34023°	KERN A-4
017/0266	38.89139° / -102.33945°	KERN ASSOCIATED EQUIPMENT
017/0322	38.86555° / -102.08977°	KERN FARMS A- ASSOCIATED EQUIPMENT
017/0322	38.86661° / -102.08844°	KERN FARMS A-1
017/0267	38.88253° / -102.354°	KLEPPER 1
017/0267	38.87887° / -102.35865°	KLEPPER 2
017/0267	38.88248° / -102.3587°	KLEPPER 4
017/0267	38.87979° / -102.35865°	KLEPPER TB ASSOCIATED EQUIPMENT
Not Assigned	38.90204° / -102.26148°	KNOTT PARTNERSHIP #2
Not Assigned	38.90052° / -102.26891°	KNOTT PARTNERSHIP ASSOCIATED EQUIPMENT
017/0320	38.85075° / -102.36789°	LOWE A
017/0320	38.84961° / -102.36952°	LOWE A ASSOCIATED EQUIPMENT
Not Assigned	38.45289° / -102.49952°	MCBRIDE MICHEL A 1-31
Not Assigned	38.45305° / -102.49929°	MCBRIDE MICHEL A ASSOCIATED EQUIPMENT
017/0249	38.8492° / -102.875°	MCCORMICK C 2
017/0249	38.85044° / -102.87451°	MCCORMICK C TB ASSOCIATED EQUIPMENT
017/0005	38.86344° / -102.89206°	MUSF #10
017/0005	38.85982° / -102.89739°	MUSF #11
017/0005	38.8596° / -102.8814°	MUSF #12
017/0005	38.85595° / -102.90228°	MUSF #13
017/0005	38.85214° / -102.89914°	MUSF #15
017/0005	38.86082° / -102.90359°	MUSF #2 ASSOCIATED EQUIPMENT
017/0250	38.86361° / -102.8966°	MUSF #22
017/0005	38.86339° / -102.9013°	MUSF #9
017/0250	38.8779° / -102.91945°	MUSF #1
017/0250	38.86615° / -102.90360°	MUSF #1 ASSOCIATED EQUIPMENT
017/0251	38.85615° / -102.88424°	MUSF #17
017/0251	38.84902° / -102.8945°	MUSF #18
017/0251	38.84527° / -102.89924°	MUSF #19
017/0250	38.87433° / -102.91447°	MUSF #2
017/0251	38.84842° / -102.89406°	MUSF #3 ASSOCIATED EQUIPMENT
017/0250	38.86735° / -102.91518°	MUSF #4

017/0250	38.87063° / -102.91019°	MUSF #5
017/0250	38.86697° / -102.90542°	MUSF #6
017/0250	38.86702° / -102.89618°	MUSF #8
017/0252	38.90209° / -102.18393°	NWAU #1 TB ASSOCIATED EQUIPMENT
017/0252	38.90658° / -102.18591°	NWAU #2
017/0253	38.88663° / -102.18369°	NWAU #2 ASSOCIATED EQUIPMENT
017/0252	38.90551° / -102.18267°	NWAU #3
017/0254	38.87559° / -102.16571°	NWAU #3 TB ASSOCIATED EQUIPMENT
017/0252	38.89176° / -102.18188°	NWAU #38
017/0252	38.90189° / -102.18093°	NWAU #4
017/0268	38.8716° / -102.14428°	NWAU #4 TB ASSOCIATED EQUIPMENT
017/0252	38.8994° / -102.17961°	NWAU #5
017/0255	38.88580° / -102.11957°	NWAU #5 TB ASSOCIATED EQUIPMENT
017/0252	38.89502° / -102.18105°	NWAU #6
017/0256	38.85735° / -102.15376°	NWAU #6 TB ASSOCIATED EQUIPMENT
017/0253	38.89087° / -102.17833°	NWAU #7 Shut In
017/0253	38.88734° / -102.17952°	NWAU #8
017/0253	38.88482° / -102.17644°	NWAU #9
017/0254	38.88066° / -102.17134°	NWAU #10
017/0254	38.87539° / -102.167°	NWAU #11
017/0254	38.87335° / -102.16303°	NWAU #12
017/0268	38.87267° / -102.14774°	NWAU #14
017/0268	38.87322° / -102.14379°	NWAU #15
017/0268	38.87501° / -102.13911°	NWAU #16
017/0268	38.87501° / -102.13449°	NWAU #17
017/0268	38.87995° / -102.1322°	NWAU #19
017/0255	38.88237° / -102.1246°	NWAU #20
017/0255	38.88431° / -102.11998°	NWAU #21
017/0255	38.88472° / -102.11358°	NWAU #22
017/0268	38.86693° / -102.15238°	NWAU #27
017/0268	38.86963° / -102.14849°	NWAU #28
017/0256	38.86303° / -102.15826°	NWAU #29
017/0256	38.85847° / -102.16342°	NWAU #30
017/0256	38.86071° / -102.14966°	NWAU #31
017/0256	38.85831° / -102.15359°	NWAU #32
017/0256	38.85421° / -102.16228°	NWAU #33
017/0256	38.85574° / -102.15832°	NWAU #34
017/0256	38.85578° / -102.15358°	NWAU #35
017/0256	38.85581° / -102.15125°	NWAU #36
061/0184	38.60099° / -102.75076°	PATTIE ASSOCIATED EQUIPMENT
061/0184	38.60129° / -102.75123°	PATTIE 1-2 WELL
Not Assigned	38.87196° / -102.33082°	PELTON B #1
Not Assigned	38.87524° / -102.33105°	PELTON B #3
Not Assigned	38.8720° / -102.3329°	PELTON B ASSOCIATED EQUIPMENT
Not Assigned	38.88558° / -102.29912°	PELTON HEIRS A ASSOCIATED EQUIPMENT

Not Assigned	38.88714° / -102.29852°	PELTON HEIRS 1
Not Assigned	38.89427° / -102.30782°	PELTON HEIRS A 1
Not Assigned	38.88933° / -102.30810°	PELTON HEIRS ASSOCIATED EQUIPMENT
017/0257	38.86301° / -102.08849°	ROTHER A 1
017/0257	38.86365° / -102.08972°	ROTHER A ASSOCIATED EQUIPMENT
Not Assigned	38.57357° / -102.43473°	SAT UNIT 1-14
017/0323	38.89843° / -102.26144°	SCHLUNTZ 3
017/0323	38.89502° / -102.25928°	SCHLUNTZ ASSOCIATED EQUIPMENT
073/0079	39.00362° / -103.23058°	STATE METEOR 1-16
073/0079	39.00358° / -103.22985°	STATE METEOR ASSOCIATED EQUIPMENT
017/0263	38.6311° / -102.42209°	TALLMAN FARMS #1
017/0263	38.63138° / -102.42252°	TALLMAN FARMS #1 ASSOCIATED EQUIPMENT
Not Assigned	38.48756° / -102.43511°	TALLMAN FARMS A 1-14
Not Assigned	38.48430° / -102.43500°	TALLMAN FARMS A ASSOCIATED EQUIPMENT
061/0185	38.59805° / -102.74744°	TEMPEL 1-12 WELL
061/0185	38.59824° / -102.74739°	TEMPEL ASSOCIATED EQUIPMENT
061/0196	38.46899° / -102.446761°	THOR 1-27
061/0196	38.46922° / -102.43832°	THOR 1-27 ASSOCIATED EQUIPMENT
Not Assigned	38.57881° / -102.4347°	TSA UNIT 1-14
Not Assigned	38.58447° / -102.42663°	TSA UNIT ASSOCIATED EQUIPMENT
061/0186	38.60334° / -102.74131°	UPLRC GEORGE 1
061/0186	38.6016° / -102.74635°	UPLRC GEORGE 2
061/0186	38.60218° / -102.73598°	UPLRC GEORGE A 1
061/0187	38.60723° / -102.73716°	UPLRC GEORGE A 2
061/0187	38.60658° / -102.73276°	UPLRC GEORGE A 3
061/0187	38.60756° / -102.73720°	UPLRC GEORGE A ASSOCIATED EQUIPMENT
061/0186	38.60334° / -102.73953°	UPLRC GEORGE ASSOCIATED EQUIPMENT
061/0188	38.5943° / -102.75616°	UPLRC MERWIN 1-11
061/0188	38.59788° / -102.75125°	UPLRC MERWIN 2-11
061/0188	38.59437° / -102.7515°	UPLRC MERWIN 4-11
061/0188	38.59441° / -102.75588°	UPLRC MERWIN ASSOCIATED EQUIPMENT
017/0258	38.89682° / -102.35413°	UPRC HISS 1 X
017/0258	38.89363° / -102.35406°	UPRC HISS 2
017/0258	38.89852° / -102.35479°	UPRC HISS ASSOCIATED EQUIPMENT
017/0318	38.88267° / -102.349426°	UPRC HORNOSTAL 1
017/0318	38.87773° / -102.34830°	UPRC HORNOSTAL ASSOCIATED EQUIPMENT
017/0319	38.89849° / -102.25677°	UPRC PETE KERN 1
017/0319	38.89880° / -102.25872°	UPRC PETE KERN ASSOCIATED EQUIPMENT
073/0078	39.0107° / -103.23166°	VICK A 1-9
073/0078	39.01024° / -103.23169°	VICK A 1-9 ASSOCIATED EQUIPMENT
061/0198	38.45733° / -102.49849°	WF MICHEL 1-30
061/0198	38.46727° / -102.50804°	WF MICHEL A 1-30
061/0198	38.45658° / -102.49877°	WF MICHEL ASSOCIATED EQUIPMENT

Footnotes:

<sup>1</sup> The fields shaded in blue are mandatory required elements of the annual report. The remaining information is voluntary and requested to help the Division better interpret the implementation of the leak detection and repair program.

<sup>2</sup> "# of Facilities Inspected" should reflect the total number of unique physical locations (e.g. well production facilities and natural gas compressor stations) inspected during the calendar year reported.

<sup>3</sup> The "Total # of Inspections" should reflect the number of unique facility inspections events (e.g. unique complete facility AVO and AIMM events) that occurred across all facilities (as reflected in Section 1) monitored by the company during the calendar year reporting period. This number should not reflect a count representing the number of individual component(s) monitored. In addition, re-monitoring events to verify an earlier identified leak has been repaired as required by Regulation 7, Section XVII.F.7 should not be counted in the "Total # of Inspections" reported.

<sup>4</sup> The "# of Leaks Identified" should reflect the sum total of component leaks identified during all facility inspections (e.g. AVO and AIMM) that occurred during the calendar year reported.