

FORM
5

Rev
10/14

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402147529

Date Received:

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

OGCC Operator Number: 10433 Contact Name: Joan Proulx
Name of Operator: LARAMIE ENERGY LLC Phone: (970) 263-3641
Address: 1401 SEVENTEENTH STREET #1401 Fax: _____
City: DENVER State: CO Zip: 80202 Email: jproulx@laramie-energy.com

API Number 05-077-09306-00 County: MESA
Well Name: Hells Gulch Federal Well Number: 35-01W
Location: QtrQtr: NESW Section: 26 Township: 8S Range: 92W Meridian: 6
FNL/FSL FEL/FWL
Footage at surface: Distance: 1538 feet Direction: FSL Distance: 2349 feet Direction: FWL
As Drilled Latitude: 39.328310 As Drilled Longitude: -107.635166

GPS Data:
Date of Measurement: 10/24/2018 PDOP Reading: 1.8 GPS Instrument Operator's Name: C Holder
FNL/FSL FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 179 feet Direction: FNL Dist: 1345 feet Direction: FWL
Sec: 35 Twp: 8S Rng: 92W

** If directional footage at Bottom Hole Dist: 230 feet Direction: FNL Dist: 1353 feet Direction: FWL
Sec: 35 Twp: 8S Rng: 92W

Field Name: ALKALI CREEK Field Number: 1950

Federal, Indian or State Lease Number: COC66723

Spud Date: (when the 1st bit hit the dirt) 09/30/2017 Date TD: 11/25/2017 Date Casing Set or D&A: 11/27/2017

Rig Release Date: 11/27/2017 Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 8688 TVD** 8217 Plug Back Total Depth MD 8599 TVD** 8127

Elevations GR 7985 KB 7999 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

Triple Combo, CBL, Caliper, Mud

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	26	16	65	0	60	100	0	60	VISU
SURF	11	8+5/8	24	0	1,014	212	0	1,014	VISU
1ST	7+7/8	4+1/2	11.6	0	8,678	1,812	4,950	8,678	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
PERF & PUMP	1ST	7,080	306	4,950	

Details of work:

The original CBL run on the Hells Gulch Federal 35-01W indicated a top of cement ~7250'. Remedial cement work was completed on this well; perfs were shot at 7080', the wellbore was cemented with lead cement of 256 sxs and tail cement of 50 sxs, and a CBL was run indicating a top of cement at 4950'.

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
OHIO CREEK	5,196	5,623	NO	NO	
WILLIAMS FORK	5,623	7,691	NO	NO	
CAMEO	7,691	8,401	NO	NO	
ROLLINS	8,401		NO	NO	

Operator Comments:

HG Fed 35-01W was originally permitted 621' FNL in un-spaced (Rule 318 a) Section 35 T8S R92W on 6/2/2017. On 9/19/2017, Laramie sundried the BHL for the well to 214' FNL. However, Laramie was aware of Order 529-1 in Section 26 to the north and the 200' setback for un-spaced acreage and used this finding (albeit incorrectly) to locate the new 35-01W BHL. Laramie drilled the well to TD 11/28/17 and discovered the error while reviewing the end of well reports. As most of the Mesa-Verde Group in the Piceance is spaced or has well density of 10 acres, Laramie is in the process of preparing an application for 10 acre spacing for Sections 35 and 36 of Twn. 8S, Rng 92W set tentatively for the March 2018 hearing. Until that time the spacing is approved, the completion of the 35-10W will be deferred until May-June, 2018. New Spacing Order 529-2 was approved in March, 2018. See Form 4 #402240146 submitted 11/14/19 to update the spacing order.

Case hole logs were not run until spring 2018 because of winter stips.

The TPZ footages are based on the top perf at 6614'.

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I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Joan Proulx

Title: Regulatory Analyst Date: _____ Email: jproulx@laramie-energy.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402147548	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402147555	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Other Attachments</u>			
402147556	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241348	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241350	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241352	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241355	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241356	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241358	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241359	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241360	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402241369	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Two form 5's and there is conflicting information between the two. RTD to combine forms	11/14/2019

Total: 1 comment(s)

