

FORM
5Rev
10/14State 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

FNL/FSL

FEL/FWL

** 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 slips.

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

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'.

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

Signed: _____

Print Name: Joan ProulxTitle: 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)

