

FORM  
5

Rev  
09/14

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:

400973801

Date Received:

02/17/2016

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 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: MEL LACKIE  
Name of Operator: LARAMIE ENERGY LLC Phone: (303) 339-4400  
Address: 1401 SEVENTEENTH STREET #1400 Fax: (303) 339-4399  
City: DENVER State: CO Zip: 80202

API Number 05-077-10250-00 County: MESA  
Well Name: Piceance Fed Well Number: 28-21E  
Location: QtrQtr: NESW Section: 28 Township: 9S Range: 93W Meridian: 6  
Footage at surface: Distance: 1981 feet Direction: FSL Distance: 2484 feet Direction: FWL  
As Drilled Latitude: 39.246336 As Drilled Longitude: -107.774994

GPS Data:  
Date of Measurement: 03/04/2015 PDOP Reading: 1.8 GPS Instrument Operator's Name: BRIAN BAKER

\*\* If directional footage at Top of Prod. Zone Dist.: 44 feet Direction: FSL Dist.: 951 feet Direction: FEL  
Sec: 28 Twp: 9S Rng: 93W

\*\* If directional footage at Bottom Hole Dist.: 44 feet Direction: FSL Dist.: 951 feet Direction: FEL  
Sec: 28 Twp: 9S Rng: 93W

Field Name: VEGA Field Number: 85930  
Federal, Indian or State Lease Number: COC64786

Spud Date: (when the 1st bit hit the dirt) 10/09/2015 Date TD: 10/13/2015 Date Casing Set or D&A: 10/15/2015  
Rig Release Date: 10/15/2015 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 8574 TVD\*\* 7913 Plug Back Total Depth MD 8481 TVD\*\* 7820

Elevations GR 7679 KB 7701 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
MUD, PASON, TRIPLE COMBO, CALIPER, RPM, PULSED NEUTRON, CBL

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	42	0	82	27	0	82	CALC
SURF	11	8+5/8	24	0	1,658	327	0	1,658	VISU
1ST	7+7/8	4+1/2	11.6	0	8,564	1,544	1,400	8,564	CBL

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

\_\_\_\_\_

**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	
WASATCH G	3,189				
OHIO CREEK	5,489				
WILLIAMS FORK	5,738				
CAMEO	7,727				
ROLLINS	8,371				

Operator Comments

\_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: MEL LACKIE

Title: ENGINEERING TECHNICIAN Date: 2/17/2016 Email: mlackie@laramie-energy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400974245	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400977807	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400973801	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973817	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973819	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973821	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973824	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973828	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973829	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973831	PDF-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973833	LAS-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973834	PDF-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973836	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400973852	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400977803	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Engineer	Operator formation picks do not match with COGCC picks. Operator to use COGCC type logs for future picks.	5/24/2016 2:23:37 PM
Engineer	Changed surface string cement status to visual per attached cement job summary. Changed 1st string cement top to 1400 per CBL. Emailed operator about formation tops to discuss picks.	5/18/2016 2:03:24 PM
Engineer	OPR provided fm tops, added OHIO CRK and Wasatch-G, updated WMFK	3/4/2016 4:29:20 PM
Agency	Requesting top of Ohio Creek.	2/22/2016 1:23:47 PM

Total: 4 comment(s)