

**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:

400657381

Date Received:

09/12/2014

**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: 10084

Contact Name: Carlos Brocco

Name of Operator: PIONEER NATURAL RESOURCES USA INC

Phone: (303) 675-2665

Address: 1401 17TH ST STE 1200

Fax: (303) 294-1275

City: DENVER State: CO Zip: 80202

API Number 05-073-06615-00

County: LINCOLN

Well Name: Harmon

Well Number: 42-6-17-53

Location: QtrQtr: SENE Section: 6 Township: 17S Range: 53W Meridian: 6

Footage at surface: Distance: 2293 feet Direction: FNL Distance: 667 feet Direction: FEL

As Drilled Latitude: 38.604220 As Drilled Longitude: -103.377610

## GPS Data:

Date of Measurement: 08/20/2014 PDOP Reading: 2.0 GPS Instrument Operator's Name: Chris Sanchez

\*\* If directional footage at Top of Prod. Zone Dist.: feet Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

\*\* If directional footage at Bottom Hole Dist.: feet Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/16/2014 Date TD: 07/29/2014 Date Casing Set or D&amp;A:

Rig Release Date: Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 6690 TVD\*\* Plug Back Total Depth MD 2932 TVD\*\*

Elevations GR 4645 KB 4668 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

Mud Log, Triple Combo

**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	84	0	85	45	0	85	CALC
SURF	12+1/4	9+5/8	36	0	3,040	630	0	3,040	CALC
OPEN HOLE	7+7/8			3040	6,690				

### STAGE/TOP OUT/REMEDIAL CEMENT

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

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	OPEN HOLE	6,361	24	6,261	6,361
	OPEN HOLE	6,113	225	5,176	6,113
	OPEN HOLE	4,748	82	4,407	4,748
	OPEN HOLE	3,098	40	2,932	3,098

Details of work:

Cementing Tool for above was drill pipe

### 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	
DAKOTA	1,879	2,214			
LANSING-KANSAS CITY	4,669	5,175			
MARMATON	5,175	5,304			
CHEROKEE	5,304	5,661			
ATOKA	5,661	6,007			
MORROW	6,007	6,274			
MISSISSIPPIAN	6,274				

#### Operator Comments

THIS FORM 5 AND ALL LOGS ARE BEING SUBMITTED UNDER CONFIDENTIAL STATUS, PER APPROVED SUNDRY, DOCUMENT NUMBER 400641171 DATED 7/15/2014

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

Signed: \_\_\_\_\_ Print Name: Judy Glinisty

Title: Lead Engineering Tech Date: 9/12/2014 Email: Judy.Glinisty@pxd.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
1897916	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"/>
	Other	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<u>Other Attachments</u>		
2519335	TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400657381	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400657748	MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400657768	TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Requested conductor and plug depth information. Operator sent revised conductor info (26" hole, 16" casing). Daily drilling reports and calc sheet confirmed cement plug depths since some of those details were missing from the cement treatment report. Well is not P&A it is TA, therefore no Form 6 needed at this point. They may reenter to make into a directional/horizontal well. Requested wt/ft on conductor and cement 45 sx seems low. 12/17/14 Operator replied: wt/ft is 84#. 45 sx of cement was combined with sand and aggregate (assuming 1:1:2). This filled the conductor annulus from 85' (reference ground level) to surface.	12/16/2014 3:55:35 PM
Permit	Operator shall submit a for six subsequent report if this well was P&A'd after completing drilling activities.	10/2/2014 11:52:08 AM
Permit	Attached log and added provided tops.	9/23/2014 2:43:51 PM
Permit	Cement ticket is nearly unreadable. P&A squeeze job ticket. Ticket should be attached to form 6.	9/19/2014 8:23:23 AM
Permit	Missing PDF of the triple combo. Missing required CBL log. Missing Marmaton, Osage, St. Louis, Spergen, Lansing, Kasnas City, Shawnee, Dakota tops.	9/19/2014 8:16:55 AM

Total: 5 comment(s)