

FORM
5Rev
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



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Document Number:

400690989

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10414

Contact Name: Bryan Bugg

Name of Operator: CASCADE PETROLEUM LLC

Phone: (303) 407-6508

Address: 1331 17TH STREET #400

Fax: (303) 407-6501

City: DENVER State: CO Zip: 80202

API Number 05-073-06583-00

County: LINCOLN

Well Name: POSS

Well Number: A11S-55W-13-44

Location: QtrQtr: SESE Section: 13 Township: 11S Range: 55W Meridian: 6

Footage at surface: Distance: 1015 feet Direction: FSL Distance: 660 feet Direction: FEL

As Drilled Latitude: 39.085530 As Drilled Longitude: -103.500570

GPS Data:

Date of Measurement: 08/06/2014 PDOP Reading: 1.7 GPS Instrument Operator's Name: Bob Rubino

** 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) 04/16/2014 Date TD: 05/17/2014 Date Casing Set or D&A: 05/18/2014

Rig Release Date: *for Multi-Well Location ONLY

Well Classification:

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

Total Depth MD 8083 TVD** Plug Back Total Depth MD 8029 TVD**

Elevations GR 5249 KB 15 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, Density/Neutron, Induction, Gamma

Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	9+5/8	36	0	524	175	0	524	VISU
1ST	7+7/8	5+1/2	17	0	8,074	214	7,794	8,083	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 07/25/2014

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
SQUEEZE	1ST	7,792	100	7,696	8,083
SQUEEZE	1ST	6,920	100	6,600	6,920
SQUEEZE	1ST	4,355	210	3,850	4,355
SQUEEZE	1ST	3,690	150	3,470	3,690

Details of work:

5/29 - Squeeze Spergen test interval perfs at 7,792-7,802 w/100 sks cement. CBL coverage from 7,696-8,803.
 6/11 - Squeeze Cherokee test interval from squeeze perfs at 6,920-6,924 w/100 sks cement. CBL coverage from 6,600-6,920.
 7/24 - Squeeze Dakota from squeeze perfs at 4,355-4,357 w/210 sks cement. CBL coverage from 4,355-3,850.
 7/25 - Squeeze Dakota from squeeze perfs at 3,690-3,692 w/150 sks cement. CBL coverage from 3,690-3,470. CBL tool encountered cement inside 5 1/2" casing at 3,490'.

Formation log intervals and test zones:

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	
NIOBRARA	2,818				
DAKOTA	3,796				
CEDAR HILLS	5,073				
STONE CORRAL	5,269				
WOLFCAMP	5,424				
LANSING	6,401				
MARMATON	6,749				
CHEROKEE	6,891		YES		
ATOKA	7,093				
MORROW	7,441				
SPERGEN	7,775				

Comment:

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

Signed: _____ Print Name: Bryan Bugg

Title: Engineer Date: _____ Email: bbugg@cascadepetroleum.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400692955	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"/>
400692981	DST Analysis	Yes <input checked="" type="checkbox"/> No <input 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>		
400692961	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400692971	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400693032	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400693033	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400693034	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400693035	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400693036	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)