

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



Document Number:

400495716

Date Received:

10/15/2013

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: 10110

Contact Name: Callie Fiddes

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (303) 398-0550

Address: 1801 BROADWAY #500

Fax:

City: DENVER State: CO Zip: 80202

API Number 05-123-35599-00

County: WELD

Well Name: HCW FD

Well Number: 24-35D

Location: QtrQtr: SESW Section: 24 Township: 6N Range: 67W Meridian: 6

Footage at surface: Distance: 30 feet Direction: FSL Distance: 2368 feet Direction: FWL

As Drilled Latitude: 40.465370 As Drilled Longitude: -104.842899

GPS Data:

Date of Measurement: 11/13/2012 PDOP Reading: 2.5 GPS Instrument Operator's Name: D. Schwartz

** If directional footage at Top of Prod. Zone Dist.: 2 feet Direction: FSL Dist.: 1309 feet Direction: FWL

Sec: 24 Twp: 6N Rng: 67W

** If directional footage at Bottom Hole Dist.: 2 feet Direction: FSL Dist.: 1309 feet Direction: FWL

Sec: 24 Twp: 6N Rng: 67W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/22/2012 Date TD: 10/25/2012 Date Casing Set or D&A: 10/26/2012

Rig Release Date: Per Rule 308A.b.

Well Classification:

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

Total Depth MD 7379 TVD** 7263 Plug Back Total Depth MD 7350 TVD** 7234

Elevations GR 4744 KB 4758 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

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
SURF	12+1/4	8+5/8	24	0	656	460	0	656	VISU
1ST	7+7/8	4+1/2	11.6	0	7,350	590	1,890	7,370	

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	
NIOBRARA	6,899				
FORT HAYS	7,186				
CODELL	7,210				

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: Callie Fiddes

Title: Regulatory Tech Date: 10/15/2013 Email: regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400495766	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400495756	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"/>
<u>Other Attachments</u>					
400495716	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400495750	NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400495754	CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400495758	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	CBL PDF received via sundry 400807949.	3/12/2015 9:51:19 AM
Permit	Logs that were run and attached are both las version. Requested pdf of CBL. Spud date is after treatment date on form 5A.	3/11/2015 10:57:48 AM
Permit	Added logs run as per opr. Corrected top and bottom of formations.	4/21/2014 1:33:59 PM
Permit	Corrected Drilling tab TD and TVD to match DS, as per opr. Formation information doesn't match perforated data on form 5A.	1/7/2014 3:27:32 PM

Total: 4 comment(s)