

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:

400970620

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: 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 05-123-38972-00

County: WELD

Well Name: Postle IC

Well Number: 11-342HC

Location: QtrQtr: SWSW Section: 12 Township: 3N Range: 68W Meridian: 6

Footage at surface: Distance: 498 feet Direction: FSL Distance: 250 feet Direction: FWL

As Drilled Latitude: 40.234873 As Drilled Longitude: -104.960000

GPS Data:

Date of Measurement: 10/06/2014 PDOP Reading: 3.0 GPS Instrument Operator's Name: Deb Schwartz

** If directional footage at Top of Prod. Zone Dist.: 800 feet. Direction: FSL Dist.: 715 feet. Direction: FEL

Sec: 11 Twp: 3N Rng: 68W

** If directional footage at Bottom Hole Dist.: 761 feet. Direction: FSL Dist.: 482 feet. Direction: FWL

Sec: 11 Twp: 3N Rng: 68W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/29/2014 Date TD: 08/30/2014 Date Casing Set or D&A: 08/31/2014

Rig Release Date: 09/01/2014 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11913 TVD** 7287 Plug Back Total Depth MD 11909 TVD** 7286

Elevations GR 4929 KB 4945 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, induciton, gamma ray.

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	24	16	42	0	40	61	0	40	VISU
SURF	13+1/2	9+5/8	36	0	1,043	460	0	1,043	VISU
1ST	8+3/4	7	26	0	7,586	735	116	7,586	CBL
1ST LINER	6+5/8	4+1/2	11.6	6634	11,913	335	6,634	11,913	CALC

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	
PARKMAN	3,588	3,830	NO	NO	
SUSSEX	4,082	4,218	NO	NO	
SHANNON	4,596	4,684	NO	NO	
SHARON SPRINGS	6,846	7,043	NO	NO	
NIOBRARA	7,044	7,628	NO	NO	
FORT HAYS	7,629	7,825	NO	NO	
CODELL	7,826		NO	NO	

Comment:

The Owen 12-1 (API# 05-123-10756) and the LDS T 13-4 (API# 05-123-17384) are separated by 90 degrees and lie within 1500' of this well. While the alternative program to show adequate well log control in offsetting wells came after this well was drilled, Great Western is providing this information since no cased hole neutron log is able to be provided.

Niobrara top is 7044 ft MD which requires a CBL to be run to 6844 ft MD per the COA on the APD to satisfy Rule 317 i. Liner top is 6634 ft MD. A CBL was run to a depth of 6720 ft MD, which is 124 ft short of the depth required by the COA. This shortage was an oversight on GWOG's part and we now are ensuring CBLs are run to the required depth. Even though we were 124 ft short we still believe we have adequate isolation at 200 ft above the Niobrara because of the very good cement bond shown on the CBL (dated 9/4/2014). No spacers of any kind were pumped in the middle of the cement job and there was no overdisplacement so there is no reason to believe the same very good bond signature is not 200 ft above the top of Niobrara. See attached cement event log as evidence no spacers occurred during the cement slurry.

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

Signed: _____

Print Name: Callie FiddesTitle: Regulatory Specialist

Date: _____

Email: regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400983076	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400986500	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>		
400971155	PDF-INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400971157	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400971159	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400971173	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400971333	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400985064	LAS-DENSITY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400985679	LAS-INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400989904	PDF-DENSITY	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)