

FORM
5Rev
02/20

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:

402434335

Date Received:

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/or 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: Renee Kendrick

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (720) 595-2114

Address: 1001 17TH STREET #2000

Fax:

City: DENVER

State: CO

Zip: 80202

Email: rkendrick@gwp.com

API Number 05-123-38970-00

County: WELD

Well Name: Postle IC

Well Number: 11-382HN

Location: QtrQtr: SWSW Section: 12 Township: 3N Range: 68W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 438 feet Direction: FSL Distance: 250 feet Direction: FWL

As Drilled Latitude: 40.234697 As Drilled Longitude: -104.959992

GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 06/25/2020

GPS Instrument Operator's Name: GREG WEIMER

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 18 feet Direction: FSL Dist: 519 feet Direction: FEL
Sec: 11 Twp: 3N Rng: 68W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole Dist: 19 feet Direction: FSL Dist: 491 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) 07/31/2014 Date TD: 08/09/2014 Date Casing Set or D&A: 08/13/2014

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 11880 TVD** 7166 Plug Back Total Depth MD 11830 TVD** 7167

Elevations GR 4926 KB 4942

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, Mud Log (IND 123-38972)

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	65	0	80	152	0	80	VISU
SURF	13+1/2	9+5/8	36	0	1,043	425	0	1,043	VISU
1ST	8+3/4	7	26	0	7,584	670	900	7,584	CBL
1ST LINER	6+1/8	4+1/2	11.6	6792	11,876	325	6,792	11,876	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	3,613	3,850	NO	NO	
SUSSEX	4,032	4,230	NO	NO	
SHANNON	4,604	4,675	NO	NO	
SHARON SPRINGS	6,925		NO	NO	
NIOBRARA	7,112		NO	NO	

Operator Comments:

Alternative Logging Program - No open-hole logs were run. This log was run in the Postle IC 11-342HC (API # 123-38972) in the form of an Induction Log w/ resistivity and gamma ray.

LAS CBL was uploaded to provide the missing portion of gamma ray on the Composite log.

COA on the Form 2 states "Comply with Rule 317.i and provide cement coverage from the bottom of the 7" casing shoe to a minimum of 200' above Niobrara. Verify coverage with cement bond log." The Niobrara top is 7112 ft MD. Bottom of 7" casing is 7584 ft. This requires a CBL to cover 6912' – 7584' to satisfy COA and 317.i. The CBL was run to a depth of 6910 bft MD, which short of the depth required by the COA. This shortage was an oversight on Great Western's part and we now are ensuring CBLs are run to the required depth. Even though Great Western was 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 9/3/2014). No spacers of any kind were pumped in the middle of the cement job and there was no over displacement 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 job summary as evidence no spacers occurred during the cement slurry.

Surface Casing Cement Job Summary incorrectly reports the surface casing setting depth.
First String Cement Job Summary incorrectly reports first string casing setting depth and mislabels well name on the cover page.
Production Liner Cement Job Summary incorrectly reports the production liner setting depth.
CBL incorrectly reports BHL, KB, and open hole size. CBL PDF incorrectly reports CBL depth run.
Mud log incorrectly reports elevation.

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

Signed: _____

Print Name: Jack DesmondTitle: Regulatory Analyst

Date: _____

Email: jdesmond@gwp.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
402451879	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
402451880	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>		
402434337	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402476336	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402476337	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402476338	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402476339	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402476344	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

