

FORM  
5

Rev  
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 Desmond

Title: Regulatory Analyst

Date: \_\_\_\_\_

Email: jdesmond@gwp.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
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"/>
<b>Other Attachments</b>			
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)

