FORM 5 Rev 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: 401621689

Date Received: 08/22/2018

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 aslo 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 [X] Final completion [ ] Preliminary completion

OGCC Operator Number: 10110 Contact Name: Miracle Pfister

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (720) 595-2250

Address: 1001 17TH STREET #2000 Fax:

City: DENVER State: CO Zip: 80202

API Number 05-123-41748-00 County: WELD

Well Name: Schneider HD Well Number: 11-352HN

Location: QtrQtr: SWSW Section: 7 Township: 4N Range: 66W Meridian: 6

Footage at surface: Distance: 1165 feet Direction: FSL Distance: 280 feet Direction: FWL

As Drilled Latitude: 40.322400 As Drilled Longitude: -104.828719

GPS Data:

Date of Measurement: 11/05/2015 PDOP Reading: 1.6 GPS Instrument Operator's Name: CHAD MEIERS

** If directional footage at Top of Prod. Zone Dist.: 662 feet Direction: FSL Dist.: 527 feet. Direction: FEL

Sec: 12 Twp: 4N Rng: 67W

** If directional footage at Bottom Hole Dist.: 662 feet Direction: FSL Dist.: 2172 feet. Direction: FEL

Sec: 11 Twp: 4N Rng: 67W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 09/14/2015 Date TD: 10/11/2015 Date Casing Set or D&A: 10/13/2015

Rig Release Date: 10/26/2015 Per Rule 308A.b.

Well Classification:

[ ] Dry [X] Oil [ ] Gas/Coalbed [ ] Disposal [ ] Stratigraphic [ ] Enhanced Recovery [ ] Storage [ ] Observation

Total Depth MD 14536 TVD** 7056 Plug Back Total Depth MD 14490 TVD** 7057

Elevations GR 4735 KB 4751

Digital Copies of ALL Logs must be Attached per Rule 308A [X]

List Electric Logs Run:

CBL, Mud Log, MWD/LWD, (Triple Combo in API# 123-41746)

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	13+1/2	9+5/8	36	0	1,470	639	0	1,470	VISU
1ST	7+7/8	5+1/2	17	0	14,536	1,813	2,760	14,536	CBL

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	3,618	3,738	NO	NO	
SUSSEX	4,120	4,374	NO	NO	
SHANNON	4,690	4,758	NO	NO	
SHARON SPRINGS	6,863		NO	NO	
NIOBRARA	6,990		NO	NO	

Operator Comments

This well was drilled during the first rig occupation.

An exception to Rule 317.p, Requirement to Log Well, was approved for this well. No open hole resistivity log with gamma ray was run. This log was run in the SCHNEIDER HD 11-369HC (API # 123-41746) in the form of a Triple Combo.

There was no concudctor casing set on this well.

Surface casing was set several days later because Great Western encountered rig problems, then ended up switching out the rig before the surface hole could be drilled to TD and the surface casing run and cemented.

The form 2 for this well was submitted with an anti-collision BMP. This BMP stated, “an as-constructed gyro survey will be submitted to COGCC with the Form 5.” Great Western has provided other information to show there are no anti-collision issues. As a result, no as-constructed Gyro survey was run.

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: 8/22/2018 Email: jdesmond@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?
Attachment Checklist		
401621767	CMT Summary *	Yes ☒ No ☐
401621768	CMT Summary *	Yes ☒ No ☐
	Core Analysis	Yes ☐ No ☒
401621760	Directional Survey **	Yes ☒ No ☐
	DST Analysis	Yes ☐ No ☒
	Logs	Yes ☒ No ☐
	Other	Yes ☐ No ☒
Other Attachments		
401621689	FORM 5 SUBMITTED	Yes ☒ No ☐
401621758	DIRECTIONAL DATA	Yes ☒ No ☐
401631069	PDF-CEMENT BOND	Yes ☒ No ☐
401631071	LAS-CEMENT BOND	Yes ☒ No ☐
401631076	LAS-MUD	Yes ☒ No ☐
401631077	PDF-MUD	Yes ☒ No ☐
401641517	PDF-MWD/LWD	Yes ☒ No ☐
401642110	LAS-MWD/LWD	Yes ☒ No ☐

General Comments

User Group	Comment	Comment Date
Permit	•Passed Permitting Review.	08/24/2018
Engineer	• CBL indicates inconsistent cement bond above 5340'. • No 17 on file. Request BH test and Form 17. • Engineering Review Complete	08/06/2018
Permit	Returned to Draft: •Incorrect total depth TVD, per as drilled directional survey. •Incorrect plug back total depth TVD, per as drilled directional survey. •Spud date does not agree with cement job summary. Date provided is Conductor set date? •Missing Conductor on Casing tab.	07/20/2018

Total: 3 comment(s)