

FORM
5

Rev
10/14

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:

401987475

Date Received:

09/18/2019

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: <u>10110</u>	Contact Name: <u>Renee Kendrick</u>
Name of Operator: <u>GREAT WESTERN OPERATING COMPANY LLC</u>	Phone: <u>(720) 595-2114</u>
Address: <u>1001 17TH STREET #2000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>rkendrick@gwgoco.com</u>

API Number <u>05-001-10253-00</u>	County: <u>ADAMS</u>
Well Name: <u>Schaefer LD</u>	Well Number: <u>13-033HN</u>
Location: QtrQtr: <u>SWSE</u> Section: <u>24</u> Township: <u>1S</u> Range: <u>67W</u> Meridian: <u>6</u>	
	FNL/FSL FEL/FWL
Footage at surface: Distance: <u>334</u> feet Direction: <u>FSL</u> Distance: <u>1949</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>39.944238</u> As Drilled Longitude: <u>-104.834787</u>	
GPS Data:	
Date of Measurement: <u>12/21/2018</u> PDOP Reading: <u>1.2</u> GPS Instrument Operator's Name: <u>CHAD MEIERS</u>	
	FNL/FSL FEL/FWL
** If directional footage at Top of Prod. Zone Dist: <u>505</u> feet Direction: <u>FSL</u> Dist: <u>1960</u> feet Direction: <u>FEL</u>	
Sec: <u>24</u> Twp: <u>1S</u> Rng: <u>67W</u>	
	FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: <u>237</u> feet Direction: <u>FNL</u> Dist: <u>1959</u> feet Direction: <u>FEL</u>	
Sec: <u>13</u> Twp: <u>1S</u> Rng: <u>67W</u>	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	
Federal, Indian or State Lease Number: _____	

Spud Date: (when the 1st bit hit the dirt) <u>12/10/2018</u> Date TD: <u>02/07/2019</u> Date Casing Set or D&A: <u>02/10/2019</u>
Rig Release Date: <u>02/24/2019</u> Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD <u>18044</u> TVD** <u>7576</u> Plug Back Total Depth MD <u>18033</u> TVD** <u>7576</u>
Elevations GR <u>5021</u> KB <u>5041</u> Digital Copies of ALL Logs must be Attached per Rule 308A <input checked="" type="checkbox"/>

List Electric Logs Run:

Composite, Mud, MWD/LWD, CBL (Resistivity in 001-09858)

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	1,781	890	0	1,781	VISU
1ST	8+1/2	5+1/2	17	0	18,044	2,350	2,200	18,044	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	4,499	4,655	NO	NO	
SUSSEX	4,862	5,079	NO	NO	
SHANNON	5,573	5,775	NO	NO	
SHARON SPRINGS	7,390		NO	NO	
NIOBRARA	7,476		NO	NO	

Operator Comments:

This well was drilled during the second rig occupation on the Schaefer LD Pad.

Open-hole resistivity log was run on the Schaefer 2536-1-4HC, API No. 05-001-09858;
Approved APD had BMP requiring one well on pad to be logged with an open hole resistivity log with gamma ray.

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

Signed: _____ Print Name: Renee Kendrick

Title: Sr. Regulatory Analyst Date: 9/18/2019 Email: rkendrick@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401987698	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402012200	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>			
401987475	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987695	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987703	PDF-COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987705	LAS-COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987781	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987782	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987799	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987801	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987802	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	•Permitting review complete and passed task.	10/23/2019
Engineer	•Engineering review complete	10/18/2019
Permit	Returned to Draft: •Bulk Return Threshold has been exceeded. Form was not reviewed.	09/13/2019

Total: 3 comment(s)

