

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400278228

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

1. OGCC Operator Number: 10110

4. Contact Name: Janni Keidel

2. Name of Operator: GREAT WESTERN OIL & GAS COMPANY LLC

Phone: (303) 398-0388

3. Address: 700 AUTOMATION DR - UNIT A

Fax: (866) 742-1784

City: WINDSOR State: CO Zip: 80550-

5. API Number 05-123-29688-00

6. County: WELD

7. Well Name: Bower

Well Number: 10-24

8. Location: QtrQtr: SESW Section: 10 Township: 6N Range: 67W Meridian: 6

Footage at surface: Distance: 678 feet Direction: FSL Distance: 1960 feet Direction: FWL

As Drilled Latitude: 40.496050 As Drilled Longitude: -104.881860

GPS Data:

Data of Measurement: 04/26/2012 PDOP Reading: 2.2 GPS Instrument Operator's Name: C. VanMatre

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: SEVERANCE

10. Field Number: 77030

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 12/31/2011 13. Date TD: 01/03/2012 14. Date Casing Set or D&A: 01/04/2012

15. Well Classification:

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

16. Total Depth MD 7469 TVD** 17 Plug Back Total Depth MD 7410 TVD**

18. Elevations GR 4857 KB 4871

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

Dual Induction

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24	0	521	370	0	521	
1ST	7+7/8	4+1/2	11.6	0	7,424	550	2,475	7,424	

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:					

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
GREELEY SAND	2,508		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,590		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,198		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,679		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	6,587		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,959		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,251		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,273		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

This well was drilled as a vertical well no directional plan needed.

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

Signed: _____ Print Name: Janni Keidel

Title: Permit & Reg Analyst Date: _____ Email: jkeidel@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400300971	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/> No <input checked="" 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>		
400278229	LAS-TRIPLE COMBINATION	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)