

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:

400260167

Date Received:

06/04/2012

## 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 &amp; GAS COMPANY LLC

Phone: (303) 398-0388

3. Address: 1700 BROADWAY SUITE 650

Fax: (866) 742-1784

City: DENVER State: CO Zip: 80290

5. API Number 05-123-29034-00

6. County: WELD

7. Well Name: LIND

Well Number: 20-23

8. Location: QtrQtr: NESW Section: 20 Township: 7N Range: 66W Meridian: 6

Footage at surface: Distance: 1996 feet Direction: FSL Distance: 2042 feet Direction: FWL

As Drilled Latitude: 40.558480 As Drilled Longitude: -104.804660

## GPS Data:

Date of Measurement: 01/12/2012 PDOP Reading: 2.5 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: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 10/06/2011 13. Date TD: 10/09/2011 14. Date Casing Set or D&amp;A: 10/10/2011

## 15. Well Classification:

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

16. Total Depth MD 7622 TVD\*\* 17 Plug Back Total Depth MD 7587 TVD\*\*

18. Elevations GR 4968 KB 4954

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:

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	899	630	0	899	VISU
1ST	7+7/8	4+1/2	11.6	0	7,600	545	3,656	7,600	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:

21. Formation log intervals and test zones:

<b>FORMATION LOG INTERVALS AND TEST ZONES</b>					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
GREELEY SAND	2,874		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN-NIOBRARA-CODELL	3,834		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,370		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,978		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,140		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,410		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,449		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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: 6/4/2012 Email: jkeidel@gwogco.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400291818	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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400260167	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	Logs are in, elevation and formation information completed.	11/12/2012 8:54:28 AM
Permit	Received following logs 11/9/12: Comp Density/ Neutron Gamma ray; High Res Induction GR; Gamma Ray CCL; Cement Bond	11/9/2012 1:09:38 PM
Permit	On hold. Requested elevation, formation at TD, all logs, and a list of logs run.	9/20/2012 10:59:39 AM
Permit	On hold. Requested elevation, formation at TD, all logs, and a list of logs run.	7/18/2012 10:36:41 AM

Total: 4 comment(s)