

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:

402370678

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: 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 Email: regulatorypermitting@gwp.com

API Number 05-123-36585-00 County: WELD
Well Name: Land JG Well Number: 31-13D
Location: QtrQtr: SWSW Section: 31 Township: 2N Range: 64W Meridian: 6
FNL/FSL FEL/FWL
Footage at surface: Distance: 288 feet Direction: FSL Distance: 929 feet Direction: FWL
As Drilled Latitude: 40.088267 As Drilled Longitude: -104.599356
GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Date of Measurement: 03/17/2016
GPS Instrument Operator's Name: DARREN SHANKS
FNL/FSL FEL/FWL
** If directional footage at Top of Prod. Zone Dist: 2648 feet Direction: FNL Dist: 2477 feet Direction: FWL
Sec: 31 Twp: 2N Rng: 64W
FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: 2642 feet Direction: FNL Dist: 2478 feet Direction: FWL
Sec: 31 Twp: 2N Rng: 64W
Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/13/2013 Date TD: 02/16/2013 Date Casing Set or D&A: 02/17/2013
Rig Release Date: 03/26/2013 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 8240 TVD** 7499 Plug Back Total Depth MD 8171 TVD** 7390
Elevations GR 4933 KB 4947 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, Composite

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	12+1/4	8+5/8	24	0	1,026	670	0	1,026	VISU
1ST	7+7/8	4+1/2	11.6	0	8,185	640	3,092	8,185	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	4,449	4,572	NO	NO	
SUSSEX	5,101	5,225	NO	NO	
SHANNON	5,827	5,912	NO	NO	
SHARON SPRINGS	7,493		NO	NO	
NIOBRARA	7,593		NO	NO	
FORT HAYS	7,871		NO	NO	
CODELL	7,893		NO	NO	
CARLILE	7,911		NO	NO	
GREENHORN	7,968		NO	NO	

Operator Comments:

Form 2 was approved with SHL permitted as Lot 2. This is incorrect - Lot 2 is greater than 40 acres. SHL has been updated to SWSW.

The attached logs were already submitted in 2013 in .tif format. They have been resubmitted on this Form 5 in PDF and LAS.

LAS CBL was uploaded to provide the missing portion of gamma ray on the Composite log.
CBL and Composite log incorrectly report BHL.

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 ?	
<u>Attachment Checklist</u>			
402373456	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402431122	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>			
402431114	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402475420	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402475421	LAS-COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402475422	PDF-COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402475424	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	<ul style="list-style-type: none"> •Attached Composite log (pdf) is missing data. Tif file in wellfile is complete. •Permitting review complete and task passed. 	10/16/2020
Engineer	<ul style="list-style-type: none"> •Composite log does not go all the way to surface. •Engineering review complete - passed task 	10/16/2020

Total: 2 comment(s)

