

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



DE ET OE ES

Document Number:

400697598

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

OGCC Operator Number: 47120 Contact Name: Kayla Hesseltnie
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6552
Address: P O BOX 173779 Fax:
City: DENVER State: CO Zip: 80217-

API Number 05-123-39497-00 County: WELD
Well Name: GWARDAR Well Number: 1N-22HZ
Location: QtrQtr: SESE Section: 22 Township: 2N Range: 67W Meridian: 6
Footage at surface: Distance: 300 feet Direction: FSL Distance: 280 feet Direction: FEL
As Drilled Latitude: 40.117240 As Drilled Longitude: -104.868486

GPS Data:
Date of Measurement: 07/21/2014 PDOP Reading: 1.6 GPS Instrument Operator's Name: Ryan Scheuerman

** If directional footage at Top of Prod. Zone Dist.: 473 feet. Direction: FSL Dist.: 685 feet. Direction: FEL
Sec: 22 Twp: 2N Rng: 67W
** If directional footage at Bottom Hole Dist.: 1 feet. Direction: FNL Dist.: 603 feet. Direction: FEL
Sec: 22 Twp: 2N Rng: 67W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/17/2014 Date TD: 09/16/2014 Date Casing Set or D&A: 09/18/2014
Rig Release Date: 09/27/2014 Per Rule 308A.b.

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

Total Depth MD 12582 TVD** 7414 Plug Back Total Depth MD 12524 TVD** 7412

Elevations GR 4978 KB 5003 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, GR

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	1,354	538	0	1,354	VISU
1ST	8+3/4	7	26	0	7,790	750	100	7,790	CBL
1ST LINER	6+1/8	4+1/2	11.6	6811	12,572	390	6,810	12,572	CALC

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	
SUSSEX	4,540				
SHARON SPRINGS	7,372				
NIOBRARA	7,472				

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted. COA for openhole log has been removed per sundry (Gwardar 1N-22HZ doc# 400667343)

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

Signed: _____ Print Name: Kayla Hamilton

Title: Regulatory Specialist Date: _____ Email: kayla.hesseltine@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400715272	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400697616	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"/>
Other Attachments			
400697609	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697611	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697615	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400733102	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>

Total: 0 comment(s)