

FORM  
5

Rev  
12/20

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:

402874105

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: 47120 Contact Name: Christina Hirtler  
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6301  
Address: P O BOX 173779 Fax:  
City: DENVER State: CO Zip: 80217- Email: christina\_hirtler@oxy.com

API Number 05-123-51400-00 County: WELD  
Well Name: SHAKE Well Number: 11-12HZ  
Location: QtrQtr: SWNW Section: 11 Township: 4N Range: 68W Meridian: 6  
FNL/FSL FEL/FWL  
Footage at surface: Distance: 1896 feet Direction: FNL Distance: 854 feet Direction: FWL  
As Drilled Latitude: 40.330318 As Drilled Longitude: -104.976716  
GPS Data: GPS Quality Value: 1.9 Type of GPS Quality Value: PDOP Date of Measurement: 03/18/2021  
FNL/FSL FEL/FWL  
\*\* If directional footage at Top of Prod. Zone Dist: 631 feet Direction: FNL Dist: 36 feet Direction: FEL  
Sec: 11 Twp: 4N Rng: 68W  
FNL/FSL FEL/FWL  
\*\* If directional footage at Bottom Hole Dist: 555 feet Direction: FNL Dist: 834 feet Direction: FWL  
Sec: 9 Twp: 4N Rng: 68W  
Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/18/2021 Date TD: 08/25/2021 Date Casing Set or D&A: 08/27/2021  
Rig Release Date: 10/03/2021 Per Rule 308A.b.

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

Total Depth MD 17419 TVD\*\* 6856 Plug Back Total Depth MD 17316 TVD\*\* 6856  
Elevations GR 4993 KB 5013 Digital Copies of ALL Logs must be Attached

List All Logs Run:  
CBL, LWD/MWD, Resistivity logs have been run on the Bake 11-18HZ API # 05-123-51415

FLUID VOLUMES USED IN DRILLING OPERATIONS  
(Enter "0" if a type of a fluid was not used. Do not leave blank.)  
Total Fluids (bbls): 896 Fresh Water (bbls): 277  
Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 0

### CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
CONDUCTOR	26	16	A252	27.17	0	100	64	100	0	VISU
SURF	13+1/2	9+5/8	J-55	36	0	1908	712	1908	0	VISU
1ST	7+7/8	5+1/2	P-110	17	0	17419	1605	17419	1250	CBL

Bradenhead Pressure Action Threshold 572 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

### 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	3,497				
SUSSEX	3,989				
SHANNON	4,544				
SHARON SPRINGS	6,906				
NIOBRARA	6,951				

Operator Comments:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted Per Rule 317.p Exception, Resistivity logs have been run on the Bake 11-18HZ, API # 05-123-51415  
As-drilled GPS data was taken after conductor was set.

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

Signed: \_\_\_\_\_

Print Name: Christina Hirtler

Title: Regulatory

Date: \_\_\_\_\_

Email: christina\_hirtler@oxy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402874162	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402884907	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>			
402874144	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402874149	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402874157	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402874160	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402884910	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft: - Required field on Drilling tab not filled out - "Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls)" - List of Logs Run does not comply with "Reporting Logs Run" guidance.	01/19/2022

Total: 1 comment(s)