

FORM
5Rev
10/14**State of Colorado**
Oil and Gas Conservation Commission

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



Document Number:

402167716

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: 10598

Contact Name: Laci Bevans

Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC

Phone: (405) 429-5610

Address: 123 ROBERT S KERR AVE

Fax:

City: OKLAHOMA CITY

State: OK

Zip: 73102

Email: bevans@sandridgeenergy.com

API Number 05-057-06545-00

County: JACKSON

Well Name: Hebron

Well Number: 0780 4-7H

Location: QtrQtr: NWNW Section: 17 Township: 7N Range: 80W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 37 feet Direction: FNL Distance: 554 feet Direction: FWL

As Drilled Latitude: 40.584658 As Drilled Longitude: -106.405128

GPS Data:

Date of Measurement: 07/08/2016 PDOP Reading: 1.3 GPS Instrument Operator's Name: Chad Meiers, M.D.

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 323 feet Direction: FSL Dist: 267 feet Direction: FEL
Sec: 7 Twp: 7N Rng: 80W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole Dist: 303 feet Direction: FNL Dist: 357 feet Direction: FEL
Sec: 7 Twp: 7N Rng: 80W

Field Name: NORTH PARK HORIZONTAL NIOBRARA

Field Number: 60120

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/02/2016 Date TD: 04/15/2016 Date Casing Set or D&A: 04/18/2016

Rig Release Date: 08/01/2016 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 12084 TVD** 6921 Plug Back Total Depth MD 12025 TVD** 6921

Elevations GR 8149 KB 8165

Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

Mud, CBL, MWD/LWD, Triple Combo

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
CONDUCTOR	24	20	91	0	90	72	0	90	VISU
SURF	12+1/4	9+5/8	36	0	2,395	670	0	2,395	VISU
1ST	8+3/4	5+1/2	20	0	12,070	1,671	1,808	12,084	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	
LANCE	2,687				
FOX HILLS	3,620				
PIERRE	3,949				
SUSSEX	4,970				
SHANNON	5,332				
MANCOS	6,590				
NIOBRARA	6,925				

Operator Comments:

A 500' interval of the completed wellbore in the SE/4 of S. 7 was completed inside the unit setback. Maximum transgression was 35'. Sundry #402138222 has been submitted with an exception location request and offset mineral owner waivers.

PBTD determined by float collar depth.

Coalmont formation is at/near surface.

Surface casing setting depth is 105' short of the permitted depth on the Form 2. Hole conditions at this depth were deteriorating so the decision to set surface casing at 2395' was made without prior approval.

CBL lists TOC @ 3532' as this is top of high quality cement but there is cement up to 1808'.

Top of Pay Zone (TPZ) footages submitted on the Form 2 were incorrect and were changed by COGCC prior to approval. However, the COGCC correction was also in error as the approved Form 2 shows 512' FNL/350' FEL instead of 512' FSL/350' FEL in S. 7-7N-80W. The database processed this information as 512' N/350' E which is what appears on the COGIS scout card. The Operator decided to complete the wellbore at a TPZ 323' FSL which was consistent with the approved Spacing Order 531-18 on the Form 2. This Order allowed for 300' unit setbacks.

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

Signed: _____

Print Name: Laci Bevans _____

Title: Regulatory Analyst II

Date: _____

Email: bevans@sandridgeenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402167912	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402167915	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>			
402167899	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167901	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167902	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167906	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167908	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167910	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402169126	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>
		Stamp Upon Approval

Total: 0 comment(s)

