

FORM  
5Rev  
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:

402136736

Date Received:

09/23/2019

## 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 &amp; PRODUCTION LLC

Phone: (405) 429-5610

Address: 123 ROBERT S KERR AVE

Fax:

City: OKLAHOMA CITY State: OK Zip: 73102

Email: lbevans@sandridgeenergy.com

API Number 05-057-06536-00

County: JACKSON

Well Name: Hebron

Well Number: 01-18HR

Location: QtrQtr: NWNE Section: 18 Township: 7N Range: 80W Meridian: 6  
FNL/FSL FEL/FWL

Footage at surface: Distance: 221 feet Direction: FNL Distance: 2419 feet Direction: FEL

As Drilled Latitude: 40.584322 As Drilled Longitude: -106.415828

GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Date of Measurement: 07/18/2016

GPS Instrument Operator's Name: Greg Weimer, M.D.

FNL/FSL

FEL/FWL

\*\* If directional footage at Top of Prod. Zone Dist: 301 feet Direction: FSL Dist: 2265 feet Direction: FEL  
Sec: 7 Twp: 7N Rng: 80W

FNL/FSL

FEL/FWL

\*\* If directional footage at Bottom Hole Dist: 221 feet Direction: FNL Dist: 2404 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) 02/24/2016 Date TD: 03/14/2016 Date Casing Set or D&amp;A: 03/15/2016

Rig Release Date: 03/31/2016 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11809 TVD\*\* 6576 Plug Back Total Depth MD 11715 TVD\*\* 6586

Elevations GR 8153 KB 8169

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

List Electric Logs Run:

MWD/LWD, Mud, CBL

**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	26	20	94	0	106	190	0	106	VISU
SURF	12+1/4	9+5/8	36	0	2,485	590	0	2,485	VISU
1ST	8+3/4	5+1/2	20	0	11,809	2,204	5,100	11,809	CBL

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
1 INCH	SURF		120	0	20

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	
COALMONT	0				
FOX HILLS	3,302				
PIERRE	3,758				
SUSSEX	4,428				
SHANNON	4,971				
MANCOS	6,269				
NIOBRARA	6,620				

**Operator Comments:**

No open hole resistivity logs were run on this well. Open hole resistivity logs were attempted on the Hebron 0780 02-18H (API #057-06540) however, tools failed to deploy on two separate attempts, and logs were unable to be obtained. Contact via phone was made with COGCC staff notifying of the issue. A cased-hole neutron log will be run on this well in the event of workover operations. Sundry doc #402168207 submitted to request open hole logging exception to Rule 317.p and to the COA on the approved Form 2.

Coalmont formation is at/near surface.

CBL .las was not available from vendor. Please see attached correspondence.

Mud log has Gamma Ray coverage from 2500'-TD, .las attached.

Actual TPZ footages were within setback at 412' FSL & 2265' FEL of sec 7-7N-80W.

PBTD is determined by float collar depth.

Approved sundry #400964497 was incorrectly approved with TPZ footages at 169' FNL/2418' FEL of S. 18. (This matched the submitted sundry but not the submitted well location plat.) The well location plat showed the landing point at 467' FSL/2186' FEL of S. 7. Currently, the COGCC COGIS scout card shows TPZ of 169' N/2418' E in S. 18.

SHL footages corrected on CBL. Ground elevation and surface casing setting depth corrected on MWD. Date of TD corrected on Mud log.

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 \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
402137088	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402137089	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402137091	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402137092	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>					
402136736	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402137079	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402137087	CORRESPONDENCE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402169145	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402169154	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402169155	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402169538	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402169792	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	Added Coalmont to formation tab per operator comment.	09/19/2020
Permit	Corrected BHL and TPZ to reflect directional survey, contacted operator to submit comments on form 5A providing the well was not completed pass the setback. Permitted TPZ is incorrect. Form 4 passed with TPZ footages that didn't match well location plat. TPZ is legal and the planned TPZ footages on well location plat are correct (Doc#400964570)	06/02/2020

Total: 2 comment(s)

