

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 003 23326

Approval Date: 07/31/2018

Expiration Date: 07/31/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 28N Rge: 12W

County: ALFALFA

SPOT LOCATION:

SE

SW

SW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

210

510

Lease Name: CUMMINGS 2812

Well No: 3-30H

Well will be 210 feet from nearest unit or lease boundary.

Operator Name: SANDRIDGE EXPLORATION & PRODUCTION LLC

Telephone: 4054295610

OTC/OCC Number: 22281 0

SANDRIDGE EXPLORATION & PRODUCTION LLC
123 ROBERT S KERR AVE STE 1702
OKLAHOMA CITY, OK 73102-6406

SALLY ANN CUMMINGS & DANIEL BENNETT W/H
4202 QUANDERS PROMISE DR.
BOWIE MD 20720

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5192	6
2			7
3			8
4			9
5			10

Spacing Orders: 631129

Location Exception Orders: 679936

Increased Density Orders: 679935

Pending CD Numbers:

Special Orders:

Total Depth: 9716

Ground Elevation: 1279

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 10000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34844

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 30 Twp 28N Rge 12W County ALFALFA

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4489

Radius of Turn: 382

Direction: 2

Total Length: 4626

Measured Total Depth: 9716

True Vertical Depth: 5192

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

Category

Description

DEEP SURFACE CASING

7/5/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/5/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INCREASED DENSITY - 679935

7/30/2018 - G57 - 30-28N-12W
X631129 MSSP
1 WELL
SANDRIDGE EXPLORATION & PRODUCTION, LLC.
7-3-2018

LOCATION EXCEPTION - 679936

7/30/2018 - G57 - (I.O.) 30-28N-12W
X631129 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 560' FWL
SANDRIDGE EXPLORATION & PRODUCTION, LLC.
7-3-2018

SPACING - 631129

7/30/2018 - G57 - (640)(HOR) 30-28N-12W
EST MSSP
POE TO BHL NLT 660' FB
(COEXIST SP. ORDER # 593706 MSSP)

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

003 23326 CUMMINGS 2812 3-30H



Permit exp. 1/31/19
Surety exp. 2/19/19
operator # 22281

December 17, 2018

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Attn: Virginia Hullinger
P.O. Box 52000
Oklahoma City, OK 73152-2000

RE: Extension for Drilling Permit
API # 003-23326
Cummings 2812 3-30H
210' FSL and 510' FWL
Sec. 30-28N-12W
Alfalfa County

Virginia,

SandRidge Exploration & Production, LLC would like to request an extension to the Approved Permit to Drill for the above well. The well is scheduled to spud February 5, 2019 and our current permit expires on January 31, 2019.

We appreciate your consideration of this request.

If you should have any questions or concerns, please call me at (405) 429-5610.

Sincerely,

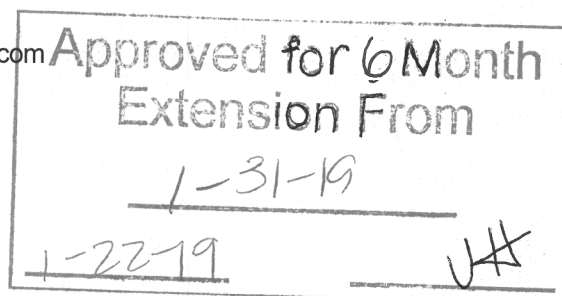
A handwritten signature in cursive script, appearing to read "Laci Bevens".

Laci Bevens
Regulatory Analyst
lbevans@sandridgeenergy.com

RECEIVED

DEC 19 2018

**Oklahoma Corporation
Commission**



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