

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

API NUMBER: 093 25104

Approval Date: 11/08/2017

Expiration Date: 05/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 20N Rge: 15W County: MAJOR

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 209 2033

Lease Name: CAMPBELL 2015

Well No: 3-26H

Well will be 209 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

JIM & FRANKIE MCBRIDE
15200 S. VIRGINIA AVE.
OKLAHOMA CITY OK 73170

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9060	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 660596
661204

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707261
201707262

Special Orders:

Total Depth: 14267

Ground Elevation: 1679

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

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

E. Haul to Commercial pit facility: Sec. 33 Twn. 26N Rng. 15W Cnty. 151 Order No: 627651

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

H. SEE MEMO

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

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 26 Twp 20N Rge 15W County MAJOR

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1760

Depth of Deviation: 8677

Radius of Turn: 376

Direction: 3

Total Length: 5000

Measured Total Depth: 14267

True Vertical Depth: 9060

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

Notes:

Category

Description

DEEP SURFACE CASING

11/1/2017 - 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

11/1/2017 - 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

INTERMEDIATE CASING

11/1/2017 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

11/1/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

093 25104 CAMPBELL 2015 3-26H

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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.

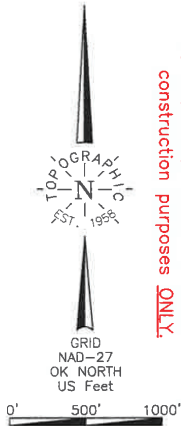
Category	Description
PENDING CD - 201707261	11/8/2017 - G60 - 26-20N-15W X661204/660596 MSSP 2 WELLS NO OP. NAMED HEARING 11/20/17
PENDING CD - 201707262	11/8/2017 - G60 - (I.O.) 26-20N-15W X660596/661204 MSSP COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL NO OP. NAMED REC. 11/6/17 (DUNN)
SPACING - 660596	11/8/2017 - G60 - (640)(HOR) 26-20N-15W EST MSSP POE TO BHL (MSSP) NCT 660' FB (COEXIST SP. ORDER # 173605 CSTR & ORDER # 153661 MSSLM)
SPACING - 661204	11/8/2017 - G60 - NPT 661204 TO CORRECT API NUMBER

3509325104

MAJOR

County, Oklahoma

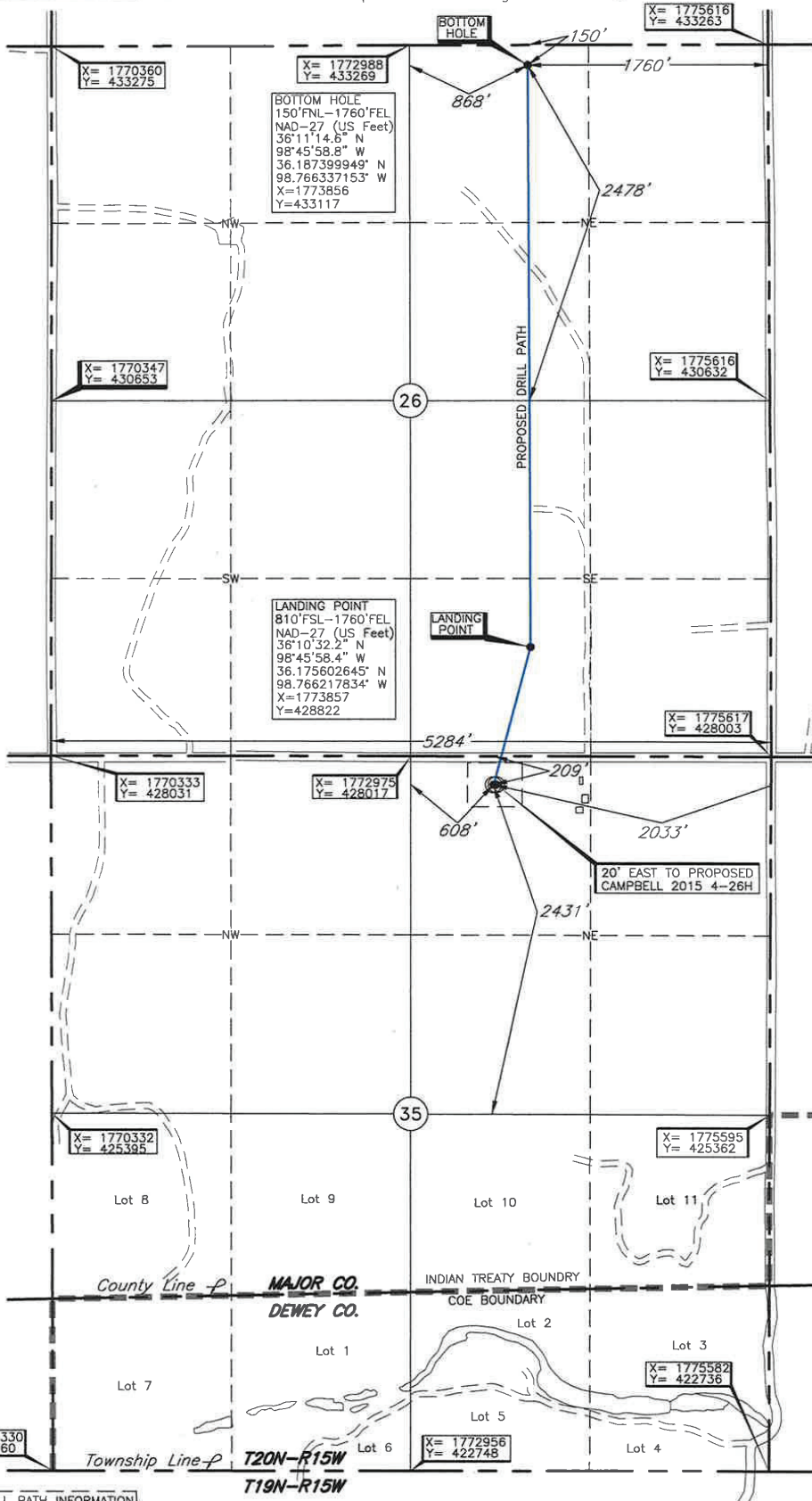
209'FNL - 2033'FEL Section 35 Township 20N Range 15W I.M.



NOTE:
The information shown herein is for
construction purposes ONLY.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
Lease Name: CAMPBELL 2015
Topography & Vegetation Loc. fell in level wheat field, ±626' West of house, ±163' South of fence
Good Drill Site? Yes
Reference Stakes or Alternate Location Stakes Set None
Best Accessibility to Location From North off county road
Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 60 and US Hwy. 281 N-S, North of Seiling, OK, go ±8.0 mi. East on US Hwy. 60, then ±3.0 mi. South, then ±0.5 mi. East to location in the NE/4 of Sec. 35-T20N-R15W

ELEVATION:
1679' Gr. at Stake



LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Date of Drawing: Oct. 27, 2017

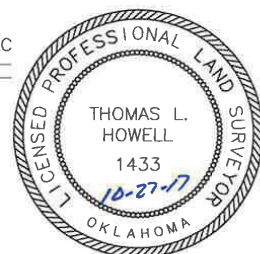
Invoice # 283018 Date Staked: Oct. 25, 2017

AC

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
Oklahoma Lic. No. 1433



DATUM: NAD-27
LAT: 36°10'22.1"N
LONG: 98°46'01.6"W
LAT: 36.172802849° N
LONG: 98.767120247° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1773583
Y: 427805