

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

API NUMBER: 011 24183

Approval Date: 02/14/2019

Expiration Date: 08/14/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 15N Rge: 11W

County: BLAINE

SPOT LOCATION: ☐ SW ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 295 2405

Lease Name: BURR OAK 35\_2-15N-11W

Well No: 3HX

Well will be 295 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP

Telephone: 4052353611; 4052353

OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP  
333 W SHERIDAN AVE  
OKLAHOMA CITY, OK 73102-5015

MEGAN WHITE  
2028 W. DUTCH AVENUE  
NEWTON KS 67114

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

	Name	Depth	Name	Depth
1	MISSISSIPPI	11235	6	
2	MISSISSIPPI LIME	11235	7	
3			8	
4			9	
5			10	

Spacing Orders: 605569  
594321  
690399

Location Exception Orders:

Increased Density Orders: 689864  
689863

Pending CD Numbers: 201808670

Special Orders:

Total Depth: 21993

Ground Elevation: 1444

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 50

Under Federal Jurisdiction: Yes

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: 8000 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-36120

H. SEE MEMO

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec 02 Twp 14N Rge 11W County BLAINE

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2260

Depth of Deviation: 10965

Radius of Turn: 477

Direction: 180

Total Length: 10278

Measured Total Depth: 21993

True Vertical Depth: 11443

End Point Location from Lease,  
Unit, or Property Line: 50

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

1/30/2019 - 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

1/30/2019 - 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](http://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](http://FRACFOCUS.ORG)

#### INCREASED DENSITY - 689863

2/14/2019 - G58 - 2-14N-11W  
X605569 MISS  
3 WELLS  
DEVON ENERGY PRODUCTION COMPANY, L.P.  
1/16/2019

#### INCREASED DENSITY - 689864

2/14/2019 - G58 - 35-15N-11W  
X594321 MSSLM  
3 WELLS  
DEVON ENERGY PRODUCTION COMPANY, L.P.  
1/16/2019

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.

011 24183 BURR OAK 35\_2-15N-11W 3HX

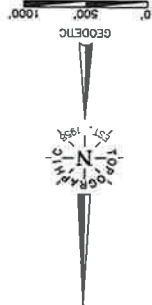
Category	Description
INTERMEDIATE CASING	1/30/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
MEMO	1/30/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201808670	2/14/2019 - G58 - (I.O.) 2-14N-11W & 35-15N-11W X594321 MSSLM 2-14N-11W X605569 MISS 35-15N-11W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO PROPOSED WELL COMPL. INT. (35-15N-11W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL. INT. (2-14N-11W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL DEVON ENERGY PRODUCTION COMPANY, L.P. REC 11/13/2018 (MILLER)
SPACING - 594321	2/14/2019 - G58 - (640) 2-14N-11W EXT 562922 MSSLM, OTHERS
SPACING - 605569	2/14/2019 - G58 - (640) 35-15N-11W EXT 585012/594321 MISS, OTHERS
SPACING - 690399	2/14/2019 - G58 - (I.O.) 2-14N-11W & 35-15N-11W EST MULTIUNIT HORIZONTAL WELL X594321 MSSLM 2-14N-11W X605569 MISS 35-15N-11W 50% 2-14N-11W 50% 35-15N-11W DEVON ENERGY PRODUCTION COMPANY, L.P. 1/25/2019

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

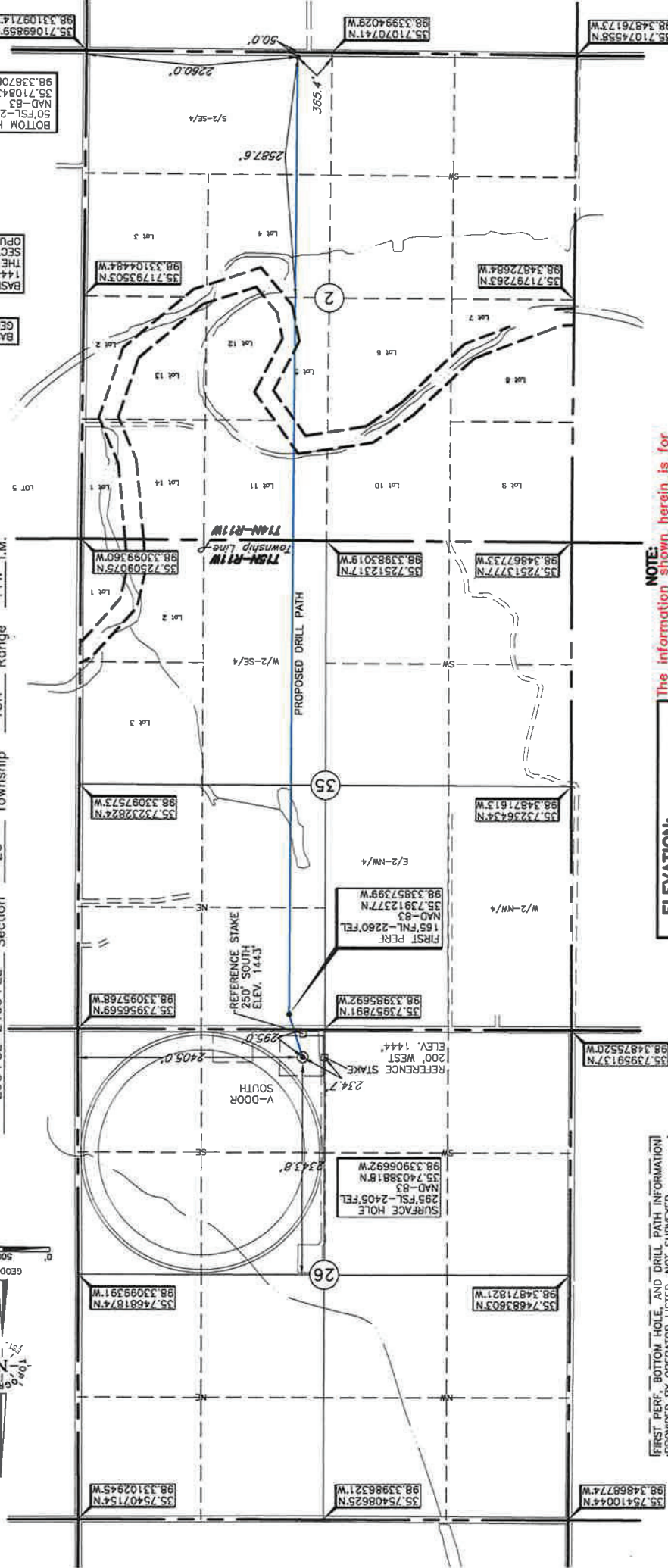
13600 WIRELESS WAY, OKLA. CITY, OKLA. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
 BLAINE Certificate of Authorization No. 1293 L5 County, Oklahoma

295° FSL-2405° FEL Section 26 Township 15N Range 11W I.M.

011-24183



BASIS OF BEARING: GEODETIC  
 BASIS OF ELEVATION: 1444' (NAVD83) AT THE S/4 CORNER OF SECTION 26 PER OPUS SOLUTION.  
 50° FSL-2260° FEL  
 NAD-83  
 35.71084358° N  
 98.33870870° W  
 98.33109214° W  
 98.33109214° W  
 98.33109214° W



**ELEVATION:**  
 1444' Gr. at Stake NAVD83.

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

Operator: DEVON ENERGY PRODUCTION CO., LP  
 Lease Name: BURR OAK 35-2-15N-11W  
 Topography & Vegetation Loc. fell in soybean field with irrigation pivot

Date of Drawing: Oct. 11, 2018  
 Date Staked: Oct. 2, 2018  
 Invoice # 303620A  
 Well No.: 3HX  
 Reference  
 Good Drill Site? Yes  
 Stakes Set 200' WEST of BURR OAK 35-2-15N-11W 2HX, Elev. 1444'  
 Best Accessibility to Location 250' South of BURR OAK 35-2-15N-11W 3HX, Elev. 1443'  
 Distance & Direction From South off county road.  
 from Hwy Jct or Town From Greenfield, OK, go ±0.5 mile North, then East ±2.5 miles to the SE Cor. of Sec. 26-T15N-R11W.



## CERTIFICATE:

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

Oklahoma Lic. No. 1433