

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

API NUMBER: 011 24184

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 2375

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

Well No: 4HX

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	11205	6	
2	MISSISSIPPI LIME	11205	7	
3			8	
4			9	
5			10	

Spacing Orders: 605569
594321
690400

Location Exception Orders:

Increased Density Orders: 689864
689863

Pending CD Numbers: 201808672

Special Orders:

Total Depth: 22070

Ground Elevation: 1444

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 60

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 SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 940

Depth of Deviation: 10951

Radius of Turn: 477

Direction: 173

Total Length: 10369

Measured Total Depth: 22070

True Vertical Depth: 11429

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

Notes:

Category

Description

DEEP SURFACE CASING

1/31/2019 - 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

1/31/2019 - 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; 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 - 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 24184 BURR OAK 35_2-15N-11W 4HX

Category	Description
INTERMEDIATE CASING	1/31/2019 - 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	1/31/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201808672	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 330' FEL COMPL. INT. (2-14N-11W) NCT 0' FNL, NCT 165' FSL, NCT 330' 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 - 690400	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

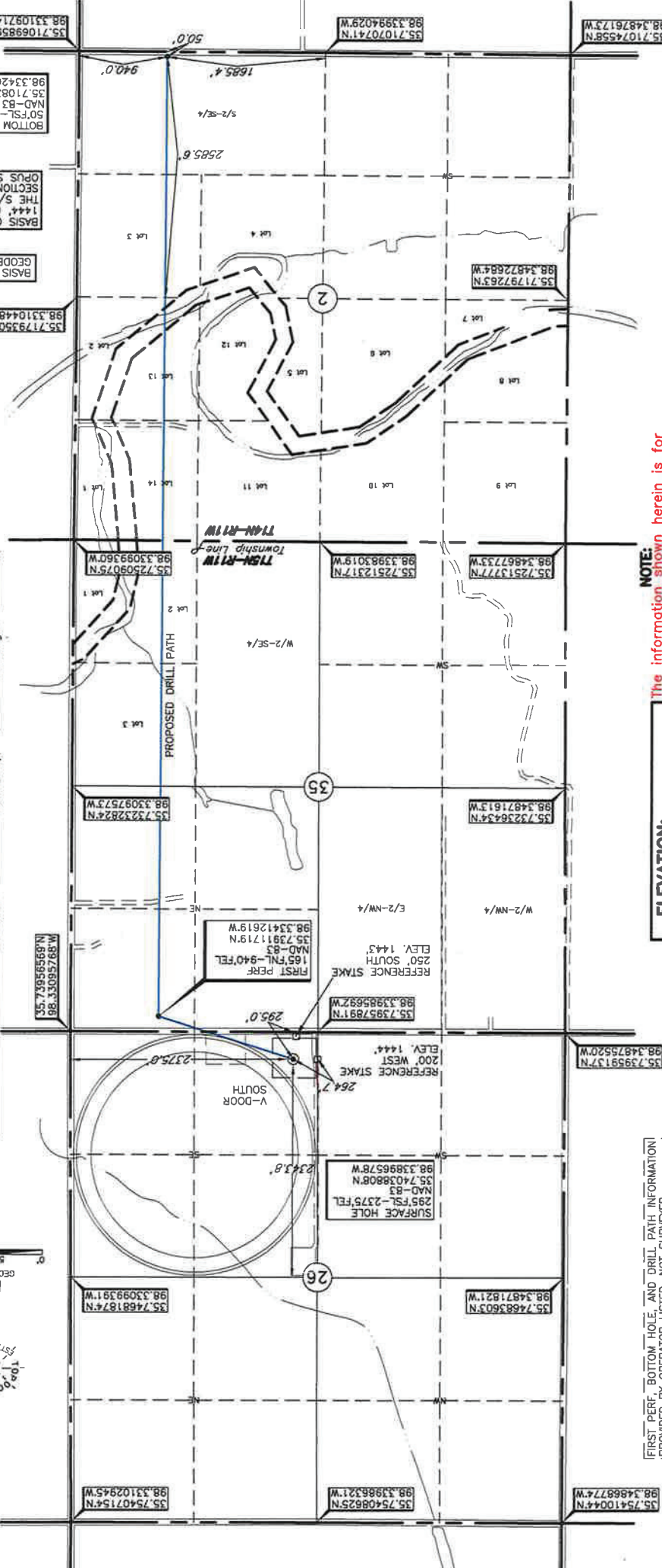
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

BLAINE Certificate of Authorization No. 1293 L5 County, Oklahoma

295° FSL-2375° FEL Section 26 Township 15N Range 11W I.M.



011-24184



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

ELEVATION:
1444' Gr. at Stake NAVD88.

FIRST PERF, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: DEVON ENERGY PRODUCTION CO., LP
Lease Name: BURR OAK 35_2-15N-11W Well No.: 4HX
Topography & Vegetation Loc. fell in soybean field with irrigation pivot

Good Drill Site? Yes Stakes Set 200' WEST of BURR OAK 35_2-15N-11W 2HX, Elev. 1444'
Best Accessibility to Location From South off county road.
Distance & Direction 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.

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

DATUM: NAD-83
LAT: 35.74038808°N
LONG: 98.33896578°W

Invoice # 303620B Date of Drawing: Oct. 11, 2018 TR
Date Staked: Oct. 2, 2018

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

