API NUMBER: 011 23944

Liner not required for Category: C
Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

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

Approval Date: 03/02/2018
Expiration Date: 09/02/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 15N Rge: 11W FEET FROM QUARTER: SPOT LOCATION: NE NORTH EAST 245 245 feet from nearest unit or lease boundary. Lease Name: PIERCE 7_6-15N-11W Well No: 2HX **DEVON ENERGY PRODUCTION CO LP** 20751 0 Operator OTC/OCC Number: Telephone: 4052353611; 4052353 DEVON ENERGY PRODUCTION CO LP TERRY MARRIOTT 333 W SHERIDAN AVE 3766 CHILDRESS STREET OKLAHOMA CITY, OK 73102-5010 77005 HOUSTON TX Formation(s) (Permit Valid for Listed Formations Only): Depth Depth Name MISSISSIPPI LIME 11332 1 6 2 WOODFORD 7 12096 8 3 9 4 10 586616 Spacing Orders: Location Exception Orders: Increased Density Orders: 585335 Pending CD Numbers: 201701064 Special Orders: 201701065 Depth to base of Treatable Water-Bearing FM: 50 Total Depth: 21990 Ground Elevation: 1468 Surface Casing: 1999 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits PERMIT NO: 18-33794 Type of Mud System: WATER BASED D. One time land application -- (REQUIRES PERMIT) H. SEE MEMO 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? Pit is located in a Hydrologically Sensitive Area. Category of Pit: C

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?

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 06 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: Feet From: NORTH

1/4 Section Line: **EAST** 1/4 Section Line: 50 380

Depth of Deviation: 10922

Radius of Turn: 477

Direction: 359

Total Length: 10319

Measured Total Depth: 21990

True Vertical Depth: 12096

End Point Location from Lease.

Unit, or Property Line: 50

Additional Surface Owner

Address

City, State, Zip

RONALD MARRIOTT

24709 TRAVIS LAKESIDE CV.

SPICEWOOD, TX 78669

Notes:

Category

Description

DEEP SURFACE CASING

2/27/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR

SURFACE CASING

HYDRAULIC FRACTURING

2/27/2018 - 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

INTERMEDIATE CASING

2/27/2018 - 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

2/27/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER); PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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 23944 PIERCE 7_6-15N-11W 2HX

Category

Description

PENDING CD - 201701064

3/1/2018 - G75 - (I.O.) 6 & 7-15N-11W EST MULTIUNIT HORIZONTAL WELL X586616 MSSLM, WDFD 6-15N-11W X585335 MSSLM, WDFD 7-15N-11W

(WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSLM)

50% 7-15N-11W 50% 6-15N-11W

DEVON ENERGY PROD. CO., L.P.

REC 2-27-2018 (DENTON)

PENDING CD - 201701065

3/1/2018 - G75 - (I.O.) 6 & 7-15N-11W X586616 MSSLM, WDFD 6-15N-11W X585335 MSSLM, WDFD 7-15N-11W

COMPL. INT. (7-15N-11W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (6-15N-11W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL

DEVON ENERGY PROD. CO., L.P.

REC 2-27-2018 (DENTON)

SPACING - 585335

3/1/2018 - G75 - (640) 7-15N-11W

EST OTHERS

EXT OTHERS

EXT 581169 MSSLM, WDFD, OTHER

SPACING - 586616

3/1/2018 - G75 - (640) 6-15N-11W

VAC OTHERS

EST MSSLM, WDFD, OTHERS

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: PIERCE 7_6-15N-11W

WELL NO. 2HX GOOD DRILL SITE: YES

COUNTY, STATE:OK **BLAINE**

GROUND ELEVATION:1467.78' GR. AT STAKE SURFACE HOLE FOOTAGE: 245' FEL - 245' FNL

SECTION: 18 TOWNSHIP: T15N RANGE: R11W

BOTTOM HOLE:6-T15N-R11W,I.M.

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD

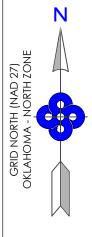
DISTANCE & DIRECTION FROM HWY JCT OR TOWN: FROM THE TOWN OF WATONGA HEAD SOUTH ON OK-3 4MI± TO E850RD, HEAD EAST 0.6MI± TO N2580RD, PAD SITE IS ON SW CORNER.

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RIK-GPS.

NOTE:X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

API 011-23944



SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1880623.5 Y: 285052.3

GPS DATUM: NAD27 **LAT:** 35.78241473 LONG: <u>-98.40245717</u>

STATE PLANE COORDINATES: ZONE: C

GPS DATUM: NAD83 LONG: -98.40280579

BOTTOM HOLE DATA STATE PLANE COORDINATES: ZONE: OK-NORTH NAD27

X: 1880518.9

Y: 295848.1

GPS DATUM: NAD27

LAT: <u>35.81207171</u> LONG: <u>-98.40296101</u>

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83

X:1848918.3 **Y**: 295872.3

GPS DATUM: NAD83

LAT: 35.81211575 **LONG:** -98.40330998 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.



COUNTY, OKLAHOMA **BLAINE** 245' FEL - 245' FNL SECTION 18 TOWNSHIP 15N RANGE 11W I.M. NW COR. 380' X=1880899 Y=295896 SEC. 6 X=1878263 Y=295910 NE COR. 50, Y=295924 BOTTOM HOLE SEC. 6 98° 24' 10.66" WEST LAST PERFORATION POINT 380' FEL - 165' FNL X:1880518.9 Y:295848. LAT: 35.8120717 LONG:-98.40296101 6 ×=1880903 Y=293285 SW COR. Y=290602 SE COR. SEC. 6 SEC. 6 X=1875762 X=1880897 Y=290646 Y=290555 X=1880883 X=1875746 Y=288008 NW COR. 380' FEL- 165' FSL =1880869 X=1878231 SEC. 18 Y=285332 NE COR. SEC. 18 X=1875730 Y=285368 245, PIERCE 7_6-15N-11W 2HX 245' FEL - 245' FNL 243 FRE - 243 FINE 35° 46' 56.69" NORTH 98° 24' 08.85" WEST X:1880623.5 Y:285052.3 X=1875714 Y=282729 LAT: 35.78241473 LONG:-98.40245717 ELEV:1467.78 18 X=1880865 Y=282653 X=1875698 X=1880845 Y=280053 Y=280014 SE COR. SW COR. SEC. 18 SEC. 18 GRAPHIC SCALE IN FEET

1000

0

2000

2000

