

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

API NUMBER: 011 23944

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 County: BLAINE
SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 245 245

Lease Name: PIERCE 7_6-15N-11W

Well No: 2HX

Well will be 245 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 73102-5010

TERRY MARRIOTT
3766 CHILDRESS STREET
HOUSTON TX 77005

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	11332	6	
2	WOODFORD	12096	7	
3			8	
4			9	
5			10	

Spacing Orders: 586616
585335

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701064
201701065

Special Orders:

Total Depth: 21990

Ground Elevation: 1468

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 50

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: 8000 Average: 5000

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

PERMIT NO: 18-33794

H. SEE MEMO

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

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 06 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 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

RONALD MARRIOTT

Address

24709 TRAVIS LAKESIDE CV.

City, State, Zip

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

