

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

API NUMBER: 011 23846 A

Approval Date: 08/21/2017

Expiration Date: 02/21/2018

Horizontal Hole Oil & Gas

Amend reason: MOVE SURFACE LOCATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 16N Rge: 12W County: BLAINE

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

SECTION LINES: 210 1335

Lease Name: COYOTE 3\_10-16N-12W

Well No: 2HX

Well will be 210 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

KENT PLASTER & SHARMI PLASTER  
P.O. BOX 245  
MUSTANG OK 73064

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9260	6	
2 WOODFORD	10901	7	
3		8	
4		9	
5		10	

Spacing Orders: 646107  
646884  
671142

Location Exception Orders: 670433

Increased Density Orders: 670700  
670701

Pending CD Numbers:

Special Orders:

Total Depth: 20238

Ground Elevation: 1500

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 140

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

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: 17-32813

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 10 Twp 16N Rge 12W County BLAINE

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2520

Depth of Deviation: 9338

Radius of Turn: 477

Direction: 174

Total Length: 10151

Measured Total Depth: 20238

True Vertical Depth: 10901

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

Notes:

Category

Description

DEEP SURFACE CASING

8/10/2017 - G58 - 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

8/10/2017 - G58 - 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 - 670700

1/12/2018 - G75 - 3-16N-12W  
X646107 MSSP  
2 WELLS  
DEVON ENERGY PROD. CO., L.P.  
12-4-2017

INCREASED DENSITY - 670701

1/12/2018 - G75 - 10-16N-12W  
X646884 MSSP  
2 WELLS  
DEVON ENERGY PROD. CO., L.P.  
12-4-2017

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

011 23846 COYOTE 3\_10-16N-12W 2HX

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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
INTERMEDIATE CASING	8/10/2017 - G58 - 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
LOCATION EXCEPTION - 670433	1/12/2018 - G75 - (I.O.) 3 & 10-16N-12W X646107 MSSP, WDFD 3-16N-12W X646884 MSSP, WDFD 10-16N-12W COMPL. INT. (3-16N-12W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (10-16N-12W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL DEVON ENERGY PROD. CO., L.P. 11-27-2017
MEMO	8/10/2017 - G58 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER); PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 646107	8/16/2017 - G75 - (640)(HOR) 3-16N-12W VAC 201845 CSTR, OTHER EST MSSP, WDFD, OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 646884	8/16/2017 - G75 - (640)(HOR) 10-16N-12W VAC 201845 CSTR, OTHER EST MSSP, OTHER EXT 645179 WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 671142	1/12/2018 - G75 - (I.O.) 3 & 10-16N-12W EST MULTIUNIT HORIZONTAL WELL X646107 MSSP, WDFD 3-16N-12W X646884 MSSP, WDFD 10-16N-12W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP) 50% 3-16N-12W 50% 10-16N-12W DEVON ENERGY PROD. CO., L.P. 12-13-2017

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

