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

Approval Date: 08/21/2017 02/21/2018 Expiration Date:

API NUMBER: Horizontal Hole

Oil & Gas

011 23846

Amend reason: MOVE SURFACE LOCATION; UPDATE ORDERS AMEND PERMIT TO DRILL

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

Α

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

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	Dep	th
1	MISSISSIPPIAN	9260	6			
2	WOODFORD	10901	7			
3			8			
4			9			
5			10			
Spacing Orders:	646107	Location Exception Orders:	670433		Increased Density Orders:	670700
	646884		0.0.00			670701
	671142					

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

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?

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)

Approved Method for disposal of Drilling Fluids:

PERMIT NO: 17-32813

H. SEE MEMO

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

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 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 FIFLD 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; 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 - 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. 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 23846 COYOTE 3_10-16N-12W 2HX

Page 2 of 3

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

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

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 t 405.787.6276 f www.craftontull.com Crafton Tull

N

2 0 =

DKLAHOMA - NORTH ZONE

GRID NORTH (NAD 27)

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. LEASE NAME: COYOTE 3_10-16N-12W

WELL NO. 2HX GOOD DRILL SITE: YES

BLAINE COUNTY, STATE:OK **GROUND ELEVATION:**1499.91' GR. AT STAKE

SURFACE HOLE FOOTAGE: 1335' FWL - 210' FNL SECTION: 3 TOWNSHIP: T16N RANGE: R12W

BOTTOM HOLE:10-T16N-R12W,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 NORTH ON OK-8 1MI± TO OK-51A AKA AIRPORT RD., HEAD WEST AND FOLLOW OK-51A 5MI± TO E0770RD, HEAD WEST 0.5MI± PAD SITE IS TO THE SOUTH.

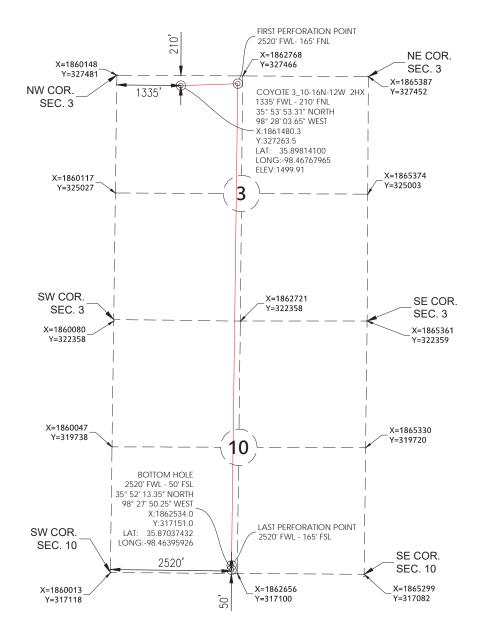
API 011-23846 A

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 PROMPILY 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. PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A

COUNTY, OKLAHOMA **BLAINE** 1335' FWL - 210' FNL SECTION 3 TOWNSHIP 16N RANGE 12W I.M.



SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27 X: <u>1861480.3</u>

Y: 327263.5 GPS DATUM: NAD27 LAT: 35.89814100 LONG: <u>-98.46767965</u>

STATE PLANE COORDINATES: **ZONE: OK-NORTH NAD8**

X: 1829878.9 GPS DATUM: NAD83

LAT: 35.8981833 LONG: -98.46803334

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

X: 1862534.0 **Y**: 317151.0

GPS DATUM: NAD27 **LAT**: 35.87037432 LONG: <u>-98.46395926</u>

STATE PLANE COORDINATES: **ZONE: OK-NORTH NAD83** X:1830932.7 Y: 317175.7

GPS DATUM: NAD83 LAT: 3 LONG: -98.46431231 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.

2018.01.02 10:58:25-06'00'



GRAPHIC SCALE IN FEET 1000 2000 2000 0

REVISION	"CC	OYOTE 3_10-16N-12W 2HX"			
	PART OF THE I	devon			
	SCALE: 1" = 2000'				
CA 1//01777 COVOTE ENERGY DING	PLOT DATE: 01-02-2018		SQ	SHEET NO.:	1 OF 6