## **OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION** P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000

(Rule 165:10-3-1)

Straight Hole

API NUMBER:

Disposal

073 25811

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 15N Rge: 9W

County: KINGFISHER

SPOT LOCATION: SW NW SW SW

FEET FROM QUARTER:

Well No:

SOUTH

SECTION LINES:

985 1SWD

Well will be

225 feet from nearest unit or lease boundary.

Operator

Lease Name: LONG NECK 8-15N-9W

**DEVON ENERGY PRODUCTION CO LP** 

Telephone: 4052353611; 4052353

WEST

225

OTC/OCC Number:

Approval Date:

**Expiration Date:** 

20751 0

11/01/2017

05/01/2018

DEVON ENERGY PRODUCTION CO LP 333 W SHERIDAN AVE

OKLAHOMA CITY,

OK

73102-5010

DEVON ENERGY PRODUCTION CO., L.P.

333 WEST SHERIDAN AVENUE

OKLAHOMA CITY

Name

8

10

H. SEE MEMO

73102 OK

Depth

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

WABAUNSEE 2 SHAWNEE DOUGLAS

LANSING

No Spacing

6986

Location Exception Orders:

Increased Density Orders:

Special Orders:

Pending CD Numbers:

Total Depth: 7200

Spacing Orders:

Ground Elevation: 1258

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 340

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: 5000 Average: 3000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-33286

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Notes:

Category

Description

DEEP SURFACE CASING

10/17/2017 - G57 - 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

10/17/2017 - G57 - 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

МЕМО

10/17/2017 - G57 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING

10/31/2017 - G57 - NA - DISPOSAL WELL

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. Yukon, OK 73099 LEASE NAME:LONG NECK 8-15N-9W DISTANCE & DIRECTION FROM HWY JCT OR TOWN: 405.787.6270 † 405.787.6276 f WELL NO. 1SWD FROM THE TOWN OF KINGFISHER HEAD WEST ON OK-3 www.craftontull.com 15MI± TO N2700RD, HEAD SOUTH 3MI± TO E840RD GOOD DRILL SITE: YES Crafton Tull CONTINUE SOUTH 0.75MI±, PAD SITE IS EAST OF ROAD KINGFISHER COUNTY, STATE:OK 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 RTK-GPS. **GROUND ELEVATION:**1257.86' GR. AT STAKE SURFACE HOLE FOOTAGE: 225' FWL - 985' FSL OBSERVED FROM RIK-GPS.

NOTE:X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, <u>DOES NOT</u> 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, <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY. SECTION: 8 TOWNSHIP: T15N RANGE: R9W ACCESSIBILITY TO LOCATION: FROM WEST LINE **TOPOGRAPHY & VEGETATION:** LOCATION FELL IN A FIELD Ν **COUNTY, OKLAHOMA** 225' FWL - 985' FSL SECTION 8 TOWNSHIP 15N RANGE 9W I.M. GRID NORTH (NAD 27) KI AHOMA - NORTH ZONE **OKLAHOMA - NORTH** NW COR. NE COR SEC. 8 SEC. 8 X=1943949 Y=290372 X=1946566 X=1949183 Y=290395 **SURFACE HOLE DATA** STATE PLANE COORDINATES: **ZONE:** OK-NORTH NAD27 **X**: 1944153.3 GPS DATUM: NAD27 LAT: <u>35.78576236</u> X=1943936 Y=287732 LONG: -98.18828495 X=1949179 Y=287752 **STATE PLANE COORDINATES: ZONE: OK-NORTH NA** 8 **GPS DATUM: NAD83** LONG NECK 8-15N-9W 1SWD 225' FWL - 985' FSL 35° 47' 08.74" NORTH 98° 11' 17.83" WEST **LAT:** <u>35.78580616</u> LONG: <u>-98.18862436</u> X:1944153.3 Y:286077.6 LAT: 35.78576236 LONG:-98.18828495 FLFV:1257.86 225 985 SW COR. X=1946549 SE COR Y=285101 SEC. 8 SEC. 8 X=1943924 Y=285092 Y=285110 ESSIONAL Representation of the second **DENVER** WINCHESTER 1952 **GRAPHIC SCALE IN FEET** OKLAHOMA 1000 500 0 1000 **REVISION** "LONG NECK 8-15N-9W 1SWD" PART OF THE SW/4 OF SECTION 8, T-15-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA devon SCALE: 1" = 1000' PLOT DATE: 09-26-2017 | DRAWN BY: SQ SHEET NO.: 1 OF 6

300 Pointe Parkway Blvd.

API 073-25811