API NUMBER: 073 25514

Oil & Gas

Horizontal Hole

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

Approval Date: 02/10/2017
Expiration Date: 08/10/2017

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 16N Rge: 7W County: KINGFISHER

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST SECTION LINES: 312 553

Lease Name: OSPREY 19-16N-7W Well No: 1H Well will be 312 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

ROYCE SMITH, LLC

P.O. BOX 204

KINGFISHER OK 73750

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

Name Depth Name Depth MISSISSIPPIAN 1 7689 6 2 WOODFORD 8734 7 3 HUNTON 8793 8 4 9 10 646110 Spacing Orders: Location Exception Orders: Increased Density Orders:

Total Depth: 12919 Ground Elevation: 1060 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 250

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

201700061

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? $\quad \mbox{Y}$

Within 1 mile of municipal water well? N
Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Pending CD Numbers:

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Special Orders:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32079

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

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 19 Twp 16N Rge 7W County KINGFISHER

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: 7700 Radius of Turn: 477

Direction: 2

Total Length: 4470

Measured Total Depth: 12919
True Vertical Depth: 8793
End Point Location from Lease,
Unit, or Property Line: 50

 Additional Surface Owner
 Address
 City, State, Zip

 CATHERINE LOUISE WOLFF
 104 AMARYLLIS
 ORANGE, TX 77630

Notes:

Category Description

DEEP SURFACE CASING 1/30/2017 - G71 - 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 1/30/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC

FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME

COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO 1/30/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -

OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201700061 2/3/2017 - G64 - (I.O.) 19-16N-7W

X646110 MSSP, WDFD, HNTN

COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL

NO OP. NAMED

REC. 1-31-2017 (NORRIS)

Description Category

SPACING - 646110

2/3/2017 - G64 - (640)(HOR) 19-16N-7W VAC 41819 MCSTR** VAC 68547 HNTN EST MSSP, WDFD, HNTN

POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

 ** S/B COEXIST SP. ORDER 41819 MCSTR; CORRECTED IN APPLICATION FILED BY ATTORNEY FOR OPERATOR AND COPY REVIEWED BY OCC



OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: OSPREY 19-16N-7W

WELL NO. 1H

GOOD DRILL SITE: YES

KINGFISHER COUNTY, STATE: OK GROUND ELEVATION: 1059.94' GR. AT STAKE

SURFACE HOLE FOOTAGE: 553' FEL - 312' FSL

SECTION: 19 TOWNSHIP: TI6N RANGE: R7W

BOTTOM HOLE: 19-T16N-R7W, I.M.

ACCESSIBILITY TO LOCATION: FROM EAST LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

AT THE JCT. OF OK-3 AND US-81, HEAD WEST 2.5MI ON

OK-3 TO N2820 RD, SOUTH .8MI TO A BEND IN THE ROAD,

SITE IS LOCATED WEST OF ROAD

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.

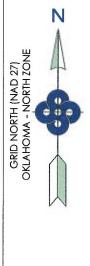
NOTEX AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

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.

KINGFISHER COUNTY, OKLAHOMA

553' FEL - 312' FSL SECTION 19 TOWNSHIP 16N RANGE 7W I.M.



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

ZONE: OK-NORTH X: 2006282.9

Y: 306750.4 GPS DATUM: NAD27

LAT: <u>35.84270208</u> LONG: <u>-97.97880228</u>

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83

X: 1974684.3 Y: 306774.2

GPS DATUM: NAD83 LAT: 35.84274528 LONG: -97.97913452

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

X: 2006442.8 Y: 311693.3

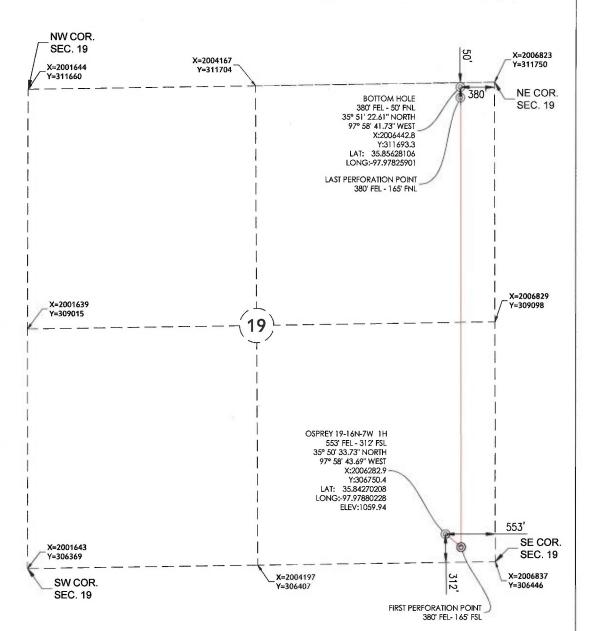
GPS DATUM: NAD27 LAT: 35.85628106 LONG: -97.97825901

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83

X: 1974844.1 **Y:** 311717.1

GPS DATUM: NAD83 LAT: 35.85632392 LONG: -97.97859151 BOTTOM HOLE

INFORMATION PROVIDED BY OPERATOR LISTED.





GRAPHIC SCALE IN FEET

REVISION	"OSPREY 19-16N-7W 1H"				
	50 SM (SD (SD (S)	PART OF THE SE/4 OF SECTION 19, T-16-N, R-7-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA			devon
	SCALE: 1" = 1000' PLOT DATE: 11-28-20	16 DRAWN BY:	DW	SHEET NO.:	1 OF 6