API NUMBER: 073 26163

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: 07/20/2018
Expiration Date: 01/20/2019

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 15N Rge: 7W County: KINGFISHER

SPOT LOCATION: SE SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 315 2335

Lease Name: WHISKEY JACK 23_14-15N-7W Well No: 2HX Well will be 315 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 73102-5015

CINDY BRUEGGEN 1218 WEST FAY

KINGFISHER OK 73750

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

Depth Name Depth MISSISSIPPIAN (LESS CHESTER) 1 7859 6 2 WOODFORD 8334 7 3 8 4 9 10

Spacing Orders: 641393 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: 201804855

201804856 201804858 201804857

Total Depth: 17992 Ground Elevation: 1109 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 160

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: 5000 Average: 3000

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

Pit Location Formation:

Liner not required for Category: CPit Location is NON HSA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34661

Special Orders:

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 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: BISON

HORIZONTAL HOLE 1

Sec 14 Twp 15N Rge 7W County KINGFISHER

Spot Location of End Point: NW NW NE NW
Feet From: NORTH 1/4 Section Line: 50
Feet From: WEST 1/4 Section Line: 1473

Depth of Deviation: 7485
Radius of Turn: 477
Direction: 355
Total Length: 9758

Measured Total Depth: 17992
True Vertical Depth: 8415
End Point Location from Lease,
Unit, or Property Line: 50

Additional Surface Owner Address City, State, Zip

KEVIN BRUEGGEN 1218 W. FAY KINGFISHER, OK 73750

Notes:

MEMO

Category Description

DEEP SURFACE CASING 7/5/2018 - 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 7/5/2018 - 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 7/5/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 -

OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201804855 7/19/2018 - G75 - (I.O.) 23-15N-7W

X641393 MSNLC

4 WELLS

DEVON ENERGY PROD. CO., L.P.

REC 7-17-2018 (MILLER)

Category Description

PENDING CD - 201804856 7/19/2018 - G75 - (I.O.) 14-15N-7W

X641393 MSNLC

4 WELLS

DEVON ENERGY PROD. CO., L.P.

REC 7-17-2018 (MILLER)

PENDING CD - 201804857 7/19/2018 - G75 - (I.O.) 23 & 14-15N-7W

> EST MULTIUNIT HORIZONTAL WELL X641393 MSNLC, WDFD, OTHER

(WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSNLC)

50% 23-15N-7W 50% 14-15N-7W

DEVON ENERGY PROD. CO., L.P.

REC 7-17-2018 (MILLER)

PENDING CD - 201804858 7/19/2018 - G75 - (I.O.) 23 & 14-15N-7W

X641393 MSNLC, WDFD, OTHER X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO AHLDEN 14-11, FRANCIS SENN 14-6 &

ANNUSCHAT 1-23

COMPL. INT. (23-15N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (14-15N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL

DEVON ENERGY PROD. CO., L.P.

REC 7-17-2018 (MILLER)

SPACING - 641393 7/19/2018 - G75 - (640)(HOR) 23 & 14-15N-7W

VAC OTHERS

VAC 163681 MSSLM W2 NW4, NE4, SW4 23-15N-7W

VAC 175573 MSSLM SE4 14-15N-7W

EST MSNLC

EXT 626842 WDFD, OTHER

POE TO BHL (MSNLC) NCT 660' FB

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

(COEXIST SP. ORDER # 175573 MSSLM SW4, NW4, NE4 14-15N-7W & ORDER # 163681 MSSLM

E2 NW4, E2 SE4, W2 SE4 23-15N-7W)

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: WHISKEY JACK 23_14-15N-7W

WELL NO. 2HX GOOD DRILL SITE: YES

KINGFISHER COUNTY, STATE:OK

GROUND ELEVATION:1109.13' GR. AT STAKE

SURFACE HOLE FOOTAGE: 2335' FWL - 315' FSL SECTION: 23 TOWNSHIP: T15N RANGE: R7W

BOTTOM HOLE: 14-T15N-R17W,I.M.

ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

AT THE JCT. OF OKLAHOMA AND HIGHWAY 3 IN OKEENE, HEAD NORTH ALONG HIGHWAY 3 ±2.2 MILES TO E0870RD, HEAD EAST ± 2.6 MILES, PAD SITE IS TO THE NORTH

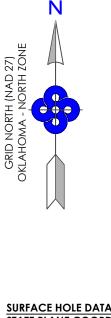
API 073-26163

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 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.

COUNTY, OKLAHOMA **KINGFISHER** 2335' FWL - 315' FSL SECTION 23 TOWNSHIP 15N RANGE 7W I.M.



STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2025153.8

GPS DATUM: NAD27

LAT: 35.75587777 LONG: <u>-97.91522711</u>

STATE PLANE COORDINATES: ZONE: OK

GPS DATUM: NAD83 LAT: 3 LONG: <u>-97.91555607</u>

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

X: <u>2024298.3</u>

Y: 285355.0

GPS DATUM: NAD27 **LAT:** <u>35.78389784</u> LONG: <u>-97.91808128</u>

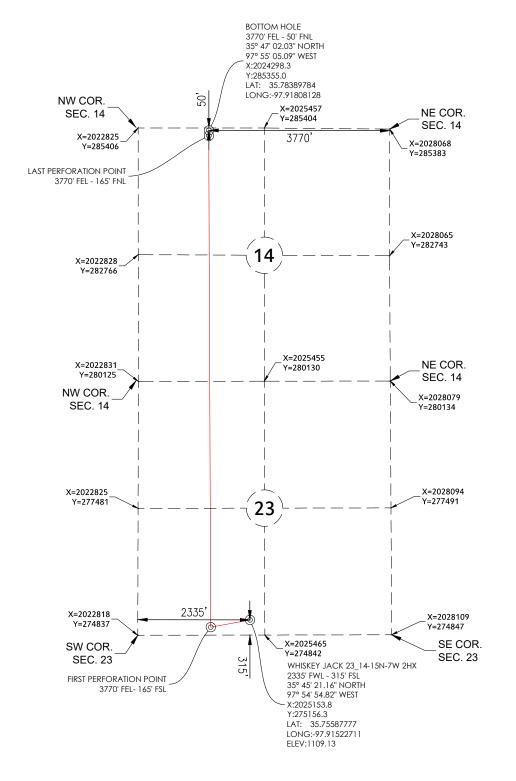
STATE PLANE COORDINATES: **ZONE: OK-NORTH NAD83**

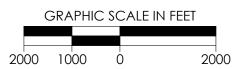
X: 1992699.9 Y: 285378.9

GPS DATUM: NAD83 ΙΔΤ· LONG: -97.91841087 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.







REVISION		"WHISKEY JACK 23_14-15N-7W 2HX"			_
		PART OF THE SW/4 OF SECTION 23, T-15-N, R-7-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA		devon	
		SCALE: 1" = 2000' PLOT DATE: 05-24-2018	DRAWN BY:	JJ SHEET NO.:	1 OF 6