

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

API NUMBER: 073 26161

Approval Date: 07/20/2018

Expiration Date: 01/20/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

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

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 310 305

Lease Name: WHISKEY JACK 23_14-15N-7W

Well No: 4HX

Well will be 305 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

PAUL F. GRELLNER
16655 E. 870 RD.
OKARCHE OK 73762

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	7805	6	
2	WOODFORD	8283	7	
3			8	
4			9	
5			10	

Spacing Orders: 641393

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804855
201804856
201804861
201804862

Special Orders:

Total Depth: 17980

Ground Elevation: 1096

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: 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: BISON

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-34662

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: BISON

HORIZONTAL HOLE 1

Sec 14 Twp 15N Rge 7W County KINGFISHER

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1510

Depth of Deviation: 7442

Radius of Turn: 477

Direction: 353

Total Length: 9789

Measured Total Depth: 17980

True Vertical Depth: 8363

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

Notes:

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

MEMO

7/5/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - UNCLE JOHNS CREEK); 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)

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.

073 26161 WHISKEY JACK 23_14-15N-7W
4HX

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 - 201804861	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 - 201804862	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 SW TITLE & TRUST 1, SW TITLE & TRUST 2 COMPL. INT. (23-15N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (14-15N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL 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)

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

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

WELL NO. 4HX

GOOD DRILL SITE: YES

KINGFISHER COUNTY, STATE: OK

GROUND ELEVATION: 1096.27' GR. AT STAKE

SURFACE HOLE FOOTAGE: 305' FEL - 310' FSL

SECTION: 23 TOWNSHIP: T15N RANGE: R7W

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

ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION:

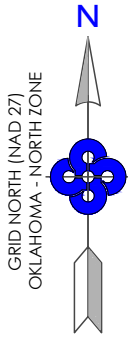
LOCATION FELL IN A FIELD

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.

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. 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.

API 073-26161



SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2027802.6

Y: 275156.7

GPS DATUM: NAD27

LAT: 35.75587220

LONG: -97.90630010

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1996204.4

Y: 275180.6

GPS DATUM: NAD83

LAT: 35.75591815

LONG: -97.90662886

BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2026558.3

Y: 285345.3

GPS DATUM: NAD27

LAT: 35.78386575

LONG: -97.91046203

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1994959.9

Y: 285369.2

GPS DATUM: NAD83

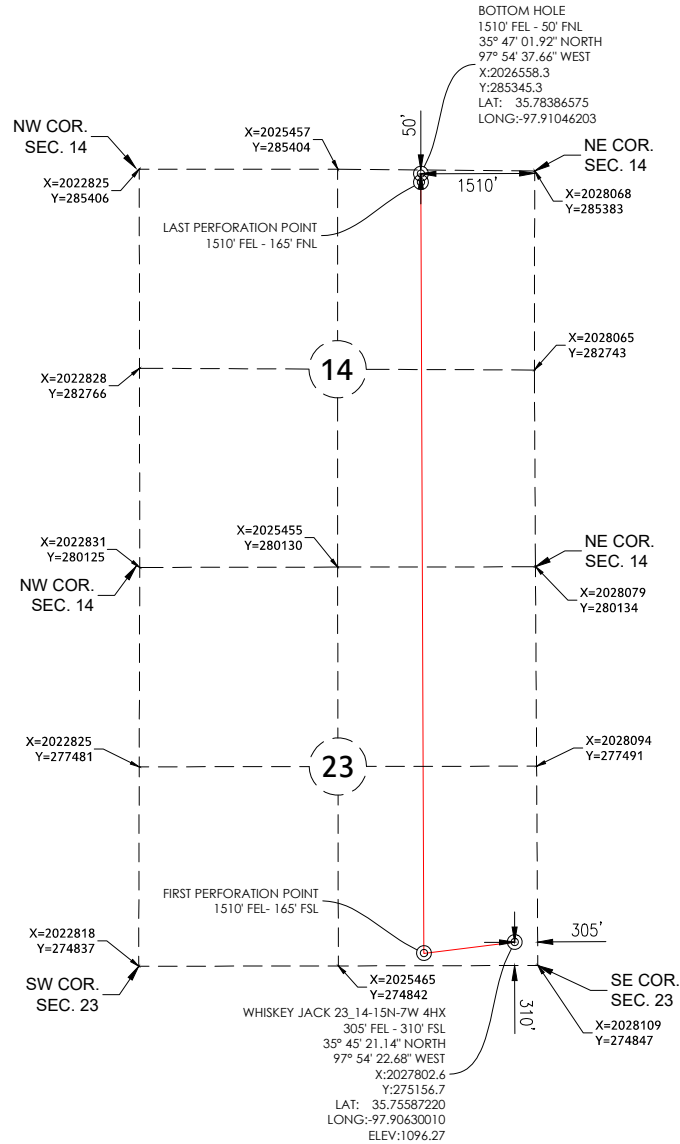
LAT: 35.78391096


LONG: -97.91079143

BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.



KINGFISHER COUNTY, OKLAHOMA
305' FEL - 310' FSL SECTION 23 TOWNSHIP 15N RANGE 7W I.M.



REVISION	"WHISKEY JACK 23_14-15N-7W 4HX"	
	PART OF THE SW/4 OF SECTION 23, T-15-N, R-7-W	
	PROPOSED DRILL SITE	
	KINGFISHER COUNTY, OKLAHOMA	
	SCALE: 1" = 2000'	
	PLOT DATE: 07-20-2018	DRAWN BY: JJ
		SHEET NO.: 1 OF 6