

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

API NUMBER: 011 23895

Approval Date: 12/06/2017

Expiration Date: 06/06/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 15N Rge: 10W

County: BLAINE

SPOT LOCATION:

SE

NE

NW

NE

FEET FROM QUARTER: FROM

NORTH

FROM

EAST

SECTION LINES:

355

1496

Lease Name: HORSEFLY 13_24-15N-10W

Well No: 10HX

Well will be 355 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 73102-5010

MONTE BUCKNER & RITA BUCKNER
1824 E850 RD
KINGFISHER OK 73750

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9169	6	
2	WOODFORD	10594	7	
3			8	
4			9	
5			10	

Spacing Orders: 594004
646358

Location Exception Orders:

Increased Density Orders: 670190

Pending CD Numbers: 201706159
201706195
201706180

Special Orders:

Total Depth: 20129

Ground Elevation: 1257

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 170

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: 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? 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: FLOWERPOT

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

PERMIT NO: 17-33534

H. SEE MEMO

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: FLOWERPOT

HORIZONTAL HOLE 1

Sec 24 Twp 15N Rge 10W County BLAINE

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 790

Depth of Deviation: 9046

Radius of Turn: 478

Direction: 176

Total Length: 10333

Measured Total Depth: 20129

True Vertical Depth: 10690

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

Notes:

Category

Description

DEEP SURFACE CASING

11/29/2017 - 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

11/29/2017 - 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

INCREASED DENSITY - 670190

11/30/2017 - G58 - (I.O.) 24-15N-10W
X594004 MSSP, WDFD
10 WELLS
DEVON ENERGY PROD. CO., L.P.
11/17/17

INTERMEDIATE CASING

11/29/2017 - G71 - 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

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 23895 HORSEFLY 13_24-15N-10W 10HX

Category	Description
MEMO	11/29/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201706180	11/30/2017 - G58 - (I.O.) 13-15N-10W X646358 MSSP, WDFD 10 WELLS DEVON ENERGY PROD. CO., L.P. REC 10/10/2017 (JACKSON)
PENDING CD - 201706195	11/30/2017 - G58 - (I.O.) 13 & 24-15N-10W X646358 MSSP, WDFD 13-15N-10W X594004 MSSP, WDFD 24-15N-10W X165:10-3-28(C)(2)(B) MSSP, WDFD (HORSEFLY 13_24-15N-10W 10HX) MAY BE CLOSER THAN 600' TO ANY PROPOSED WELL COMPL. INT. (13-15N-10W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL. INT. (24-15N-10W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL DEVON ENERGY PROD. CO., L.P. REC 10/10/2017 (JACKSON)
SPACING – 594004	11/30/2017 - G58 - (640) 24-15N-10W VAC 169866 CSTR VAC 176175 MNNG, MSSSD EXT 588576 WDFD EST MSSP
SPACING – 646358	11/30/2017 - G58 - (640)(HOR) 13-15N-10W VAC 169866 CSTR VAC 176175 MNNG, MSSSD, OTHER EXT 641537 WDFD EST MSSP, OTHER POE TO BHL (MSSP, OTHER) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

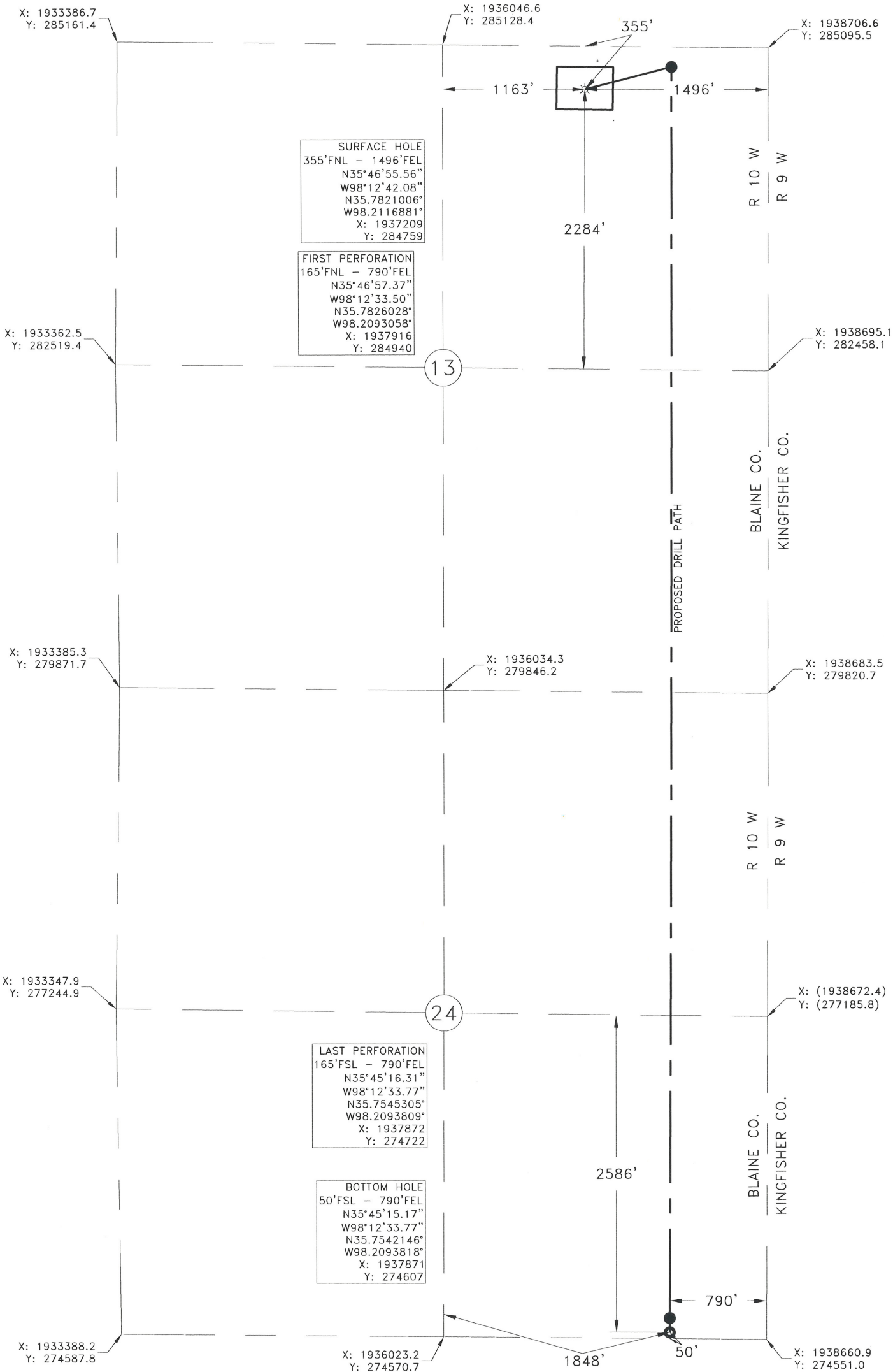
This permit does not address the right of entry or settlement of surface damages.

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.

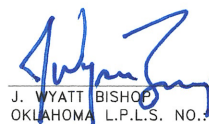
SECTIONS 13 & 24,
T 15 N - R 10 W, I.M.,
BLAINE COUNTY, OKLAHOMA

BEARINGS ARE GRID
OKLAHOMA SPC. NAD 27, NORTH ZONE






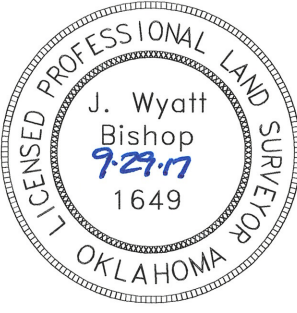
Operator: DEVON ENERGY PRODUCTION COMPANY, LP.
Lease Name: HORSEFLY 13_24-15N-10W
Topography and Vegetation: PASTURE
Good Drill Site? YES
Reference or Alt. Location Stakes Set: NONE
Best Accessibility to Location: FROM COUNTY ROAD
Distance and Direction from Hwy. Jct. or town: FROM THE US HWY 270/STATE HWY. 3 JUNCTION IN WATONGA, HEAD EAST ON STATE HWY. 3 FOR 10.9 MILES, THEN HEAD SOUTH ON CO. RD. N2680 FOR 4 MILES, THEN HEAD EAST ON CO. RD. E0850 FOR 0.5 MILES, TURN SOUTH INTO LOCATION.

Date Staked: 09/14/17
Well No.: 10HX
Elevation: 1267'



J. WYATT BISHOP
OKLAHOMA L.P.L.S. NO. 1649
DATE 9.29.17

NOTES:
This plat represents a proposed well site and does not represent a true boundary survey. This location has been very carefully staked on the ground according to the latest G.L.O. records, U.S.G.S. maps and photographs available to us, but its accuracy is not guaranteed. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.
Coordinates shown in (parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distance.

LEGEND
SURFACE HOLE LOCATION = 
PROPOSED BOTTOM HOLE LOCATION = 
(INFORMATION PROVIDED BY CLIENT)
EXISTING WELL = 
(INFORMATION PROVIDED BY OTHERS)
PROPOSED LATERAL = - - - - -



Devon Energy Production Company, LP.
333 W. Sheridan
Oklahoma City, OK 73102



Gateway Services Group, LLC
PO. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2018

EXHIBIT "A" PRELIMINARY
HORSEFLY 13_24-15N-10W 10HX
355'FNL - 1496'FEL
SECTIONS 13 & 24, T 15 N - R 10 W, I.M.,
BLAINE COUNTY, OKLAHOMA

REV.	DWN.	DESCRIPTION	DATE

DRAWN BY: CLC DATE: 09/18/17 CHK'D: JE
GATEWAY NO.: 17-0583-001 SCALE: 1"=1000'
DUWI: WA002500789 UFID: AA000152523