API NUMBER: 011 23882

Horizontal Hole   Oil & Gas

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

Approval Date: 11/21/2017
Expiration Date: 05/21/2018

PERMIT TO DRILL

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

SPOT LOCATION: NW NW NE NW

FEET FROM QUARTER:	FROM	NORTH	FROM	WEST
SECTION LINES:		**285**		**1331**

Lease Name: HORSEFLY 13_24-15N-10W **Well No: 2HX** **Well will be 285 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

BARBARA ANN BORNEMANN
959 N. BANNER ROAD
EL RENO OK 73036

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	9245	6		
2	WOODFORD	10684	7		
3			8		
4			9		
5			10		

Spacing Orders: 646358
594004

Location Exception Orders:

Increased Density Orders: 670190

Pending CD Numbers: 201706147
201706182
201706180

Special Orders:

Total Depth: 20312 Ground Elevation: 1288 **Surface Casing: 1999** Depth to base of Treatable Water-Bearing FM: 90

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: 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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33294

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 SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9770

Radius of Turn: 478

Direction: 185

Total Length: 9791

Measured Total Depth: 20312

True Vertical Depth: 10684

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

Notes:

Category	Description
DEEP SURFACE CASING	11/3/2017 - 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	11/3/2017 - 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	11/20/2017 - G58 - (I.O.) 24-15N-10W X594004 MSSP, WDFD 10 WELLS DEVON ENERGY PROD. CO., L.P. 11/17/17
INTERMEDIATE CASING	11/3/2017 - 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 23882 HORSEFLY 13_24-15N-10W 2HX

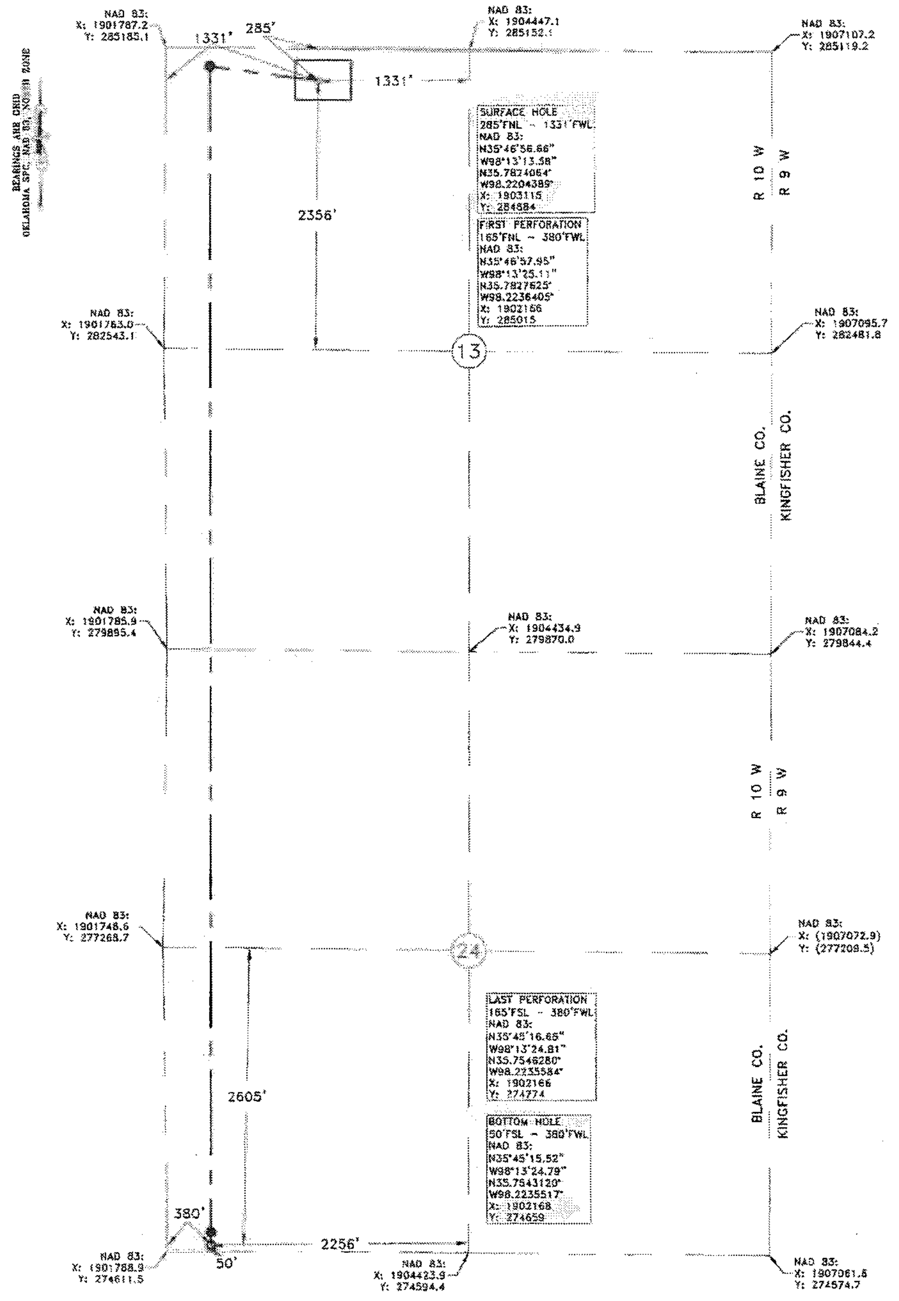
Page 2 of 3

Category	Description
MEMO	11/3/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201706147	11/20/2017 - G58 - (I.O.) 13 & 24-15N-10W EST. MULTIUNIT HORIZONTAL WELL X646358 (13-15N-10W) MSSP, WDFD X594004 (24-15N-10W) MSSP, WDFD (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% 13-15N-10W 50% 24-15N-10W DEVON ENERGY PROD. CO., L.P. REC 10/10/2017 (JACKSON)
PENDING CD - 201706180	11/20/2017 - G58 - (I.O.) 13-15N-10W X646358 MSSP, WDFD 10 WELLS DEVON ENERGY PROD. CO., L.P. REC 10/10/2017 (JACKSON)
PENDING CD - 201706182	11/20/2017 - 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 2HX) MAY BE CLOSER THAN 600' TO ANOTHER PROPOSED WELL AND/OR THE HORSEFLY 24_13-15N-10W 1HX COMPL. INT. (13-15N-10W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (24-15N-10W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL DEVON ENERGY PROD. CO., L.P. REC 10/10/2017 (JACKSON)
SPACING - 594004	11/20/2017 - G58 - (640) 24-15N-10W VAC 169866 CSTR VAC 176175 MNNG, MSSSD EXT 588576 WDFD EST MSSP
SPACING - 646358	11/20/2017 - 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.

011-23882

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



Operator: DEVON ENERGY PRODUCTION COMPANY, LP. Date Staked: 09/14/17
Lease Name: HORSEFLY 13_24-15N-10W Well No.: 2HX Elevation: 1288'
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 MILE, TURN SOUTH INTO LOCATION

J. Wyatt Bishop
OKLAHOMA L.P.L.S. NO.: 1649

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

J. Wyatt
Bishop
10-4-17
1649

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

Gateway
Gateway Services Group, LLC
P.O. 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 2HX
285'FNL - 1331'FWL
SECTIONS 13 & 24, T 15 N - R 10 W, I.M.,
BLAINE COUNTY, OKLAHOMA

DRAWN BY: CLC	DATE: 09/15/17	CHK'D: CWP
GATEWAY NO.: 17-0575-00381		SCALE: 1"=1000'
DUWI: WA00358254	UFID: AA000152522	

REV.	DWN.	DESCRIPTION	DATE
1	CWP	FIXED NAME	10/03/17