

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

API NUMBER: 011 23912

Approval Date: 12/29/2017  
Expiration Date: 06/29/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 15N Rge: 10W County: BLAINE  
SPOT LOCATION:  NW  SE  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 430 455

Lease Name: CHEETAH 32\_29-15N-10W Well No: 2HX Well will be 430 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

HEIRS OF CHIMEO, ALLOTTEE NO. M 1016  
CONCHO FIELD OFFICE P.O. BOX 68  
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 WOODFORD	11763	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 665865 Location Exception Orders: 665378 Increased Density Orders: 669516  
664379  
592269

Pending CD Numbers:

Special Orders:

Total Depth: 21800 Ground Elevation: 1495 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 90

Under Federal Jurisdiction: Yes 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 17-33614

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 29 Twp 15N Rge 10W County BLAINE

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: 11406

Radius of Turn: 477

Direction: 2

Total Length: 9645

Measured Total Depth: 21800

True Vertical Depth: 11883

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

Notes:

Category

Description

DEEP SURFACE CASING

12/15/2017 - 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

12/15/2017 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 669516

12/29/2017 - G60 - (I.O.) 29-15N-10W  
X664379 WDFD  
1 WELL  
DEVON ENERGY PRODUCTION CO. LP  
10/30/17

INTERMEDIATE CASING

12/15/2017 - 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.

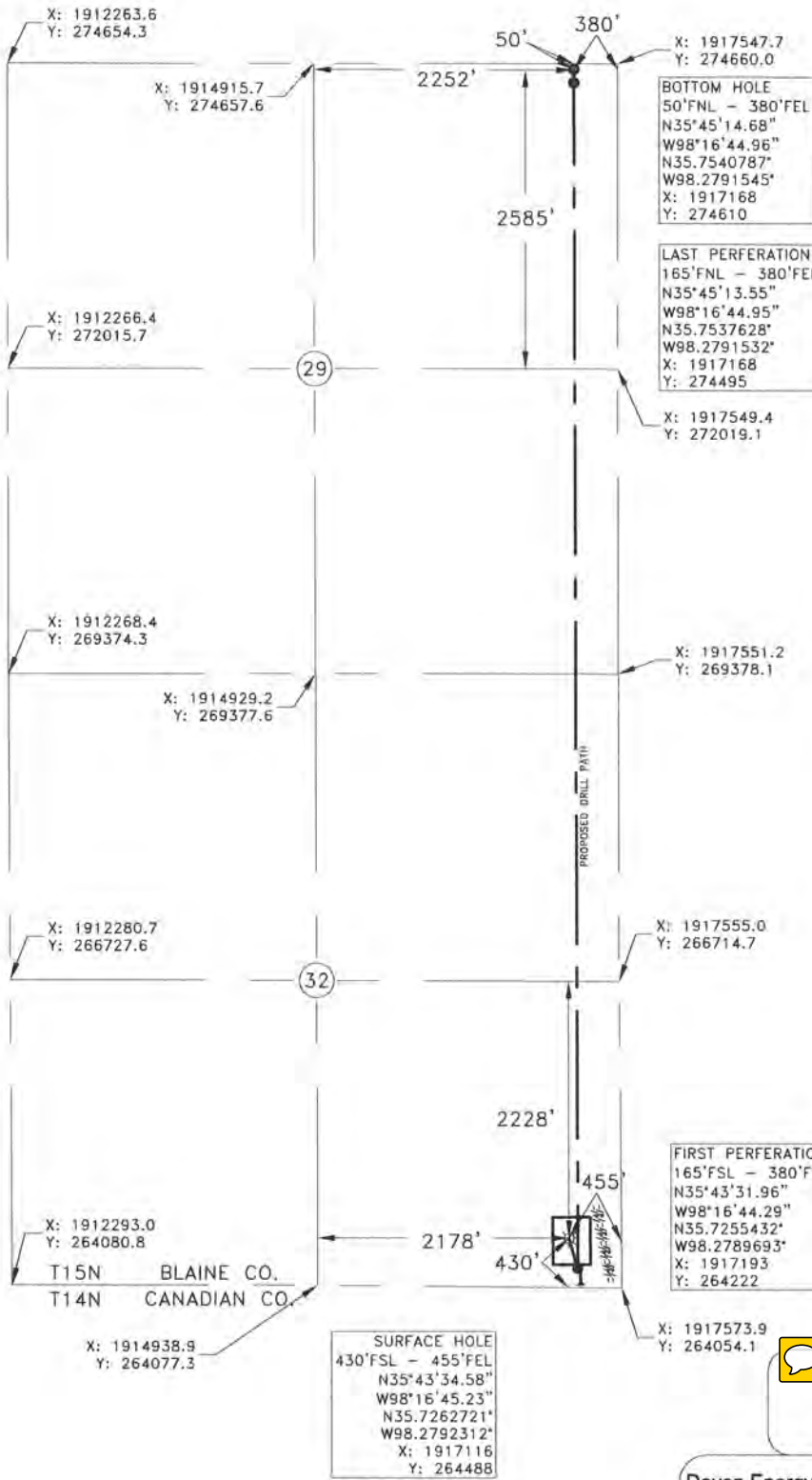
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

Category	Description
LOCATION EXCEPTION - 665378	<p>12/29/2017 - G60 - (I.O.) 32 &amp; 29-15N-10W  X664379 WDFD (32-15N-10W)  X592296 WDFD (29-15N-10W) **  X165:10-3-28(C)(2)(B) WDFD  MAY BE CLOSER THAN 600' TO THE CHEETAH 1XH WELL  COMPL. INT. (32-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL  COMPL. INT. (29-15N-10W) NCT 0' FNL, NCT 165' FNL, NCT 330' FEL  NO OP. NAMED  6/28/17</p> <p>** SHOULD BE 592269 WDFD, WILL BE CORRECTED FOR FINAL ORDER MULTIUNIT PER ATTORNEY FOR OPERATOR</p>
MEMO	<p>12/15/2017 - G71 - PITS 1 &amp; 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2  - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 592269	<p>12/29/2017 - G60 - (640) 29-15N-10W  EXT 579331 WDFD, OTHER</p>
SPACING - 664379	<p>12/29/2017 - G60 - (640)(HOR) 32-15N-10W  EXT 643728 WDFD  EST OTHER  COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 665865	<p>12/29/2017 - G60 - (I.O.) 32 &amp; 29-15N-10W  EST MULTIUNIT HORIZONTAL WELL  X664379 WDFD (32-15N-10W)  X592269 WDFD (29-15N-10W)  50% 32-15N-10W  50% 29-15N-10W  NO OP. NAMED  7/12/17</p>

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 29 & 32,  
T 15 N - R 10 W, I.M.,  
BLAINE COUNTY, OKLAHOMA



BEARINGS ARE GRID  
OKLAHOMA SPC. NAD 87, NORTH ZONE

Operator: DEVON ENERGY PRODUCTION COMPANY, LP.  
Lease Name: CHEETAH 32\_29-15N-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 GREENFIELD GO NORTH ON ST HWY 8, 0.5 MILE, TURN EAST ON CO. RD. E0880  
5.5 MILES, TURN SOUTH ON CO. RD. N2650, 1 MILE, TURN WEST ON CO. RD. E0880, 0.1 MILE, TURN NORTH INTO LOCATION

Date Staked: 03/29/17  
Well No.: 2HX  
Elevation: 1495'

**LEGEND**

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

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

**devon**

**Gateway**  
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



*J. Wyatt Bishop* 4-27-17  
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.

**EXHIBIT "A" PRELIMINARY**  
CHEETAH 32\_29-15N-10W 2HX  
430'FSL - 455'FEL  
SECTIONS 29 & 32, T 15 N - R 10 W, I.M.,  
BLAINE COUNTY, OKLAHOMA

DRAWN BY: CLC	DATE: 03/31/17	CHK'D: RLG	
GATEWAY NO.: 17-D159-101	SCALE: 1"=1500'		
DUWI: WA016890146	AUFID: AA000142282		
REV.	DWN.	DESCRIPTION	DATE