

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

API NUMBER: 011 23734 A

Approval Date: 02/01/2017  
Expiration Date: 08/01/2017

Horizontal Hole Oil & Gas

Amend reason: CONVERT TO MULTIUNIT; CHANGE WELL NAME  
& NUMBER, BOTTOM HOLE LOCATION, TOTAL DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 16N Rge: 11W County: BLAINE  
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 285 760

Lease Name: PHENIX 27\_22-16N-11W Well No: 1HX 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

MAXINE & FRANK STRACK, CO-TTEES FRANK STRACK  
AND MAXINE STRACK 1994 LIVING TRUST  
RT 2, BOX 65  
WATONGA OK 73772

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9706	6	
2	WOODFORD	11211	7	
3	HUNTON	11301	8	
4			9	
5			10	

Spacing Orders: 661013

Location Exception Orders: 661974

Increased Density Orders:

Pending CD Numbers: 201704085  
201704086  
201702089

Special Orders:

Total Depth: 21329

Ground Elevation: 1555

**Surface Casing: 1999**

Depth to base of Treatable Water-Bearing FM: 60

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 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: 16-31958  
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 22 Twp 16N Rge 11W 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: 10823

Radius of Turn: 477

Direction: 2

Total Length: 9757

Measured Total Depth: 21329

True Vertical Depth: 11301

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

Additional Surface Owner	Address	City, State, Zip
LOUIS RAY & JANICE A. HOOD, CO-	P.O. BOX 64	GREENFIELD, OK 73043

Notes:

Category

Description

DEEP SURFACE CASING

12/20/2016 - 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

EXCEPTION TO RULE - 661974

6/30/2017 - G64 - (I.O.) 27-16N-11W X165:10-3-28(C)(2)(B) MSSP, WDFD, HNTN PHENIX 27-16N-11W 1H, PHENIX 27-16N-11W 2H, PHENIX 27-16N-11W 3H MAY BE CLOSER THAN 600' FROM ONE ANOTHER 3-9-2017

HYDRAULIC FRACTURING

12/20/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

INTERMEDIATE CASING

12/20/2016 - 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

MEMO

12/20/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

011 23734 PHENIX 27\_22-16N-11W 1HX

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.

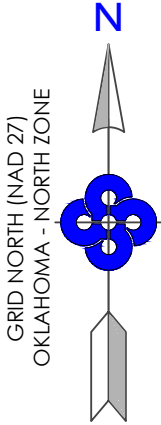
Category	Description
PENDING CD - 201605488	1/19/2017 - G64 - (I.O.) 27-16N-11W X165:10-3-28(C)(2)(B) MSSP, WDFD, HNTN PHENIX 27-16N-11W 1H, PHENIX 27-16N-11W 2H, PHENIX 27-16N-11W 3H MAY BE CLOSER THAN 600' FROM ONE ANOTHER REC. 1-23-2017 (P. PORTER)
PENDING CD - 201702089	6/30/2017 - G64 - (640)(HOR) 22-16N-11W EXT 661013 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL REC. 6-27-2017 (JOHNSON)
PENDING CD - 201704085	6/30/2017 - G64 - (E.O.) 22 & 27-16N-11W EST MULTIUNIT HORIZONTAL WELL X201702089 MSSP, WDFD, HNTN 22-16N-11W X661013 MSSP, WDFD, HNTN 27-16N-11W (MSSP & HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 27-16N-11W 50% 22-16N-11W DEVON ENERGY PRODUCTION COMPANY, L.P. REC. 6-30-2017 (P. PORTER)
PENDING CD - 201704086	6/30/2017 - G64 - (E.O.) 22 & 27-16N-11W X201702089 MSSP, WDFD, HNTN 22-16N-11W X661013 MSSP, WDFD, HNTN 27-16N-11W COMPL. INT. (27-16N-11W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (22-16N-11W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL DEVON ENERGY PRODUCTION COMPANY, L.P. REC. 6-30-2017 (P. PORTER)
SPACING - 661013	6/30/2017 - G64 - (640)(HOR) 27-16N-11W EXT 656663 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

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300 Pointe Parkway Blvd  
Yukon, OK 73099  
405.787.6270 t 405.787.6276 f  
www.craftontull.com  
**Crafton Tull**  
SURVEYING CA973(PE/LS) Exp. 6/30/18

API: 011 23734 A



**SURFACE HOLE DATA**  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD27  
**X:** 1895980.4  
**Y:** 301375.6  
**GPS DATUM:** NAD27  
**LAT:** 35.82742175  
**LONG:** -98.35088346  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD83  
**X:** 1864380.0  
**Y:** 301399.6  
**GPS DATUM:** NAD83  
**LAT:** 35.82746797  
**LONG:** -98.35123063

**BOTTOM HOLE DATA**  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD27  
**X:** 1896416.7  
**Y:** 311599.1  
**GPS DATUM:** NAD27  
**LAT:** 35.85551214  
**LONG:** -98.34953577  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD83  
**X:** 1864816.2  
**Y:** 311623.1  
**GPS DATUM:** NAD83  
**LAT:** 35.85555457  
**LONG:** -98.34988350

BOTTOM HOLE  
INFORMATION PROVIDED  
BY OPERATOR LISTED.



**OPERATOR:** DEVON ENERGY PRODUCTION COMPANY, L.P.

**LEASE NAME:** PHENIX 27\_22-16N-11W

**WELL NO.** 1HX

**GOOD DRILL SITE:** YES

**BLAINE COUNTY, STATE:** OK

**GROUND ELEVATION:** 1555.41' GR. AT STAKE

**SURFACE HOLE FOOTAGE:** 760' FEL - 285' FSL

**SECTION:** 27 **TOWNSHIP:** T16N **RANGE:** R11W

**BOTTOM HOLE:** 22-T16N-R11W,I.M.

**ACCESSIBILITY TO LOCATION:** FROM SOUTH LINE

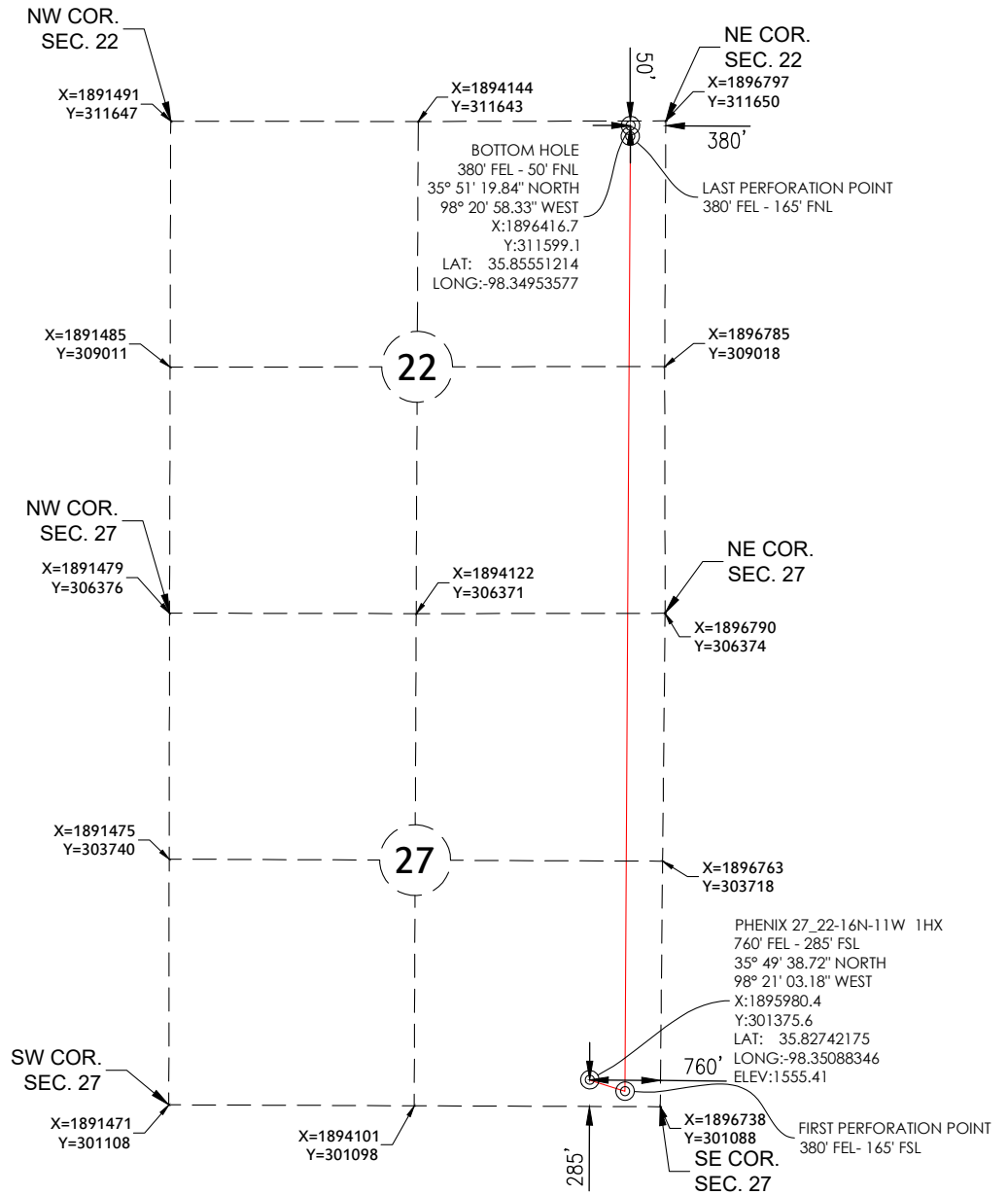
**TOPOGRAPHY & VEGETATION:** \_\_\_\_\_

**LOCATION:** FELL IN A FIELD

**DISTANCE & DIRECTION FROM HWY JCT OR TOWN:**  
AT THE JCT. OF US-270 & OK-3, HEAD EAST 4MI TO N2610 RD, HEAD SOUTH 1MI TO E820 RD, HEAD WEST 0.1MI± SITE IS ON NORTH SIDE OF ROAD

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.

BLAINE COUNTY, OKLAHOMA  
760' FEL - 285' FSL SECTION 27 TOWNSHIP 16N RANGE 11W I.M.



REVISION	"PHENIX 27_22-16N-11W 1HX"		
	PART OF THE SE/4 OF SECTION 27, T-16-N, R-11-W PROPOSED DRILL SITE BLAINE COUNTY, OKLAHOMA		
	SCALE: 1" = 2000'	DRAWN BY: DW	SHEET NO.: 1 OF 6
	PLOT DATE: 06-26-2017		