

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

API NUMBER: 051 24643

Approval Date: 05/24/2019  
Expiration Date: 11/24/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 6N Rge: 8W

County: GRADY

SPOT LOCATION:  SW  SE  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 375

Lease Name: NORRIS TRUST

Well No: #3-28H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY

Telephone: 9184937700; 9184937

OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY  
PO BOX 702500  
TULSA, OK 74170-2500

RICHARD D. & MARION J. SAMPSON  
408 PALO VERDE DR.  
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	HOXBAR	10955	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 649281

Location Exception Orders: 691885  
686537  
683858

Increased Density Orders: 682488

Pending CD Numbers:

Special Orders:

Total Depth: 15725

Ground Elevation: 1296

**Surface Casing: 1985**

Depth to base of Treatable Water-Bearing FM: 1030

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**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 located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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

PERMIT NO: 19-36645

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 28 Twp 6N Rge 8W County GRADY

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 850

Depth of Deviation: 9882

Radius of Turn: 573

Direction: 185

Total Length: 4943

Measured Total Depth: 15725

True Vertical Depth: 10955

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

5/16/2019 - 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 - 683858

5/23/2019 - G56 - (I.O.) 28-6N-8W  
X165:10-3-28(C)(2)(B) HXBR MAY BE CLOSER THAN 600' TO THE MCDONALD 1-28 WELL  
UNIT PETROLEUM COMPANY  
9/27/2018

HYDRAULIC FRACTURING

5/16/2019 - 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 - 682488

5/23/2019 - G56 - 28-6N-8W  
X649281 HXBR  
1 WELL  
UNIT PETROLEUM COMPANY  
9/5/2018

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 - 686537	5/23/2019 - G56 - (I.O.) 28-6N-8W X649281 HXBR COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 350' FEL UNIT PETROLEUM COMPANY 11/13/2018
LOCATION EXCEPTION - 691885	5/23/2019 - G56 - NPT TO CORRECT ORDER # 686537 CHANGING THE REOPENING DATE FROM 3/11/2018 TO 3/11/2019
MEMO	5/16/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 649281	5/23/2019 - G56 - (640)(HOR) 28-6N-8W EXT 636242 HXBR COMPL INT NLT 660' FB (COEXIST WITH SP # 137264 YULE, WADE, MDRN, MRCD, HDTN, CLPM)

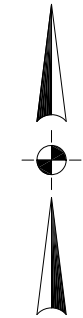
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District  
Office of the Conservation Division as to when Surface Casing will be run.

## Sections 21 & 28, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

**Surface Hole Location**  
 "Norris Trust #3-28H" situated 250 feet from the south section line and 375 feet from the east section line of Section 21, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

**Point of Penetration**  
 "Norris Trust #3-28H" situated 165 feet from the north section line and 450 feet from the east section line of Section 28, T 6 N, R 8 W.I.M., Grady County, Oklahoma.

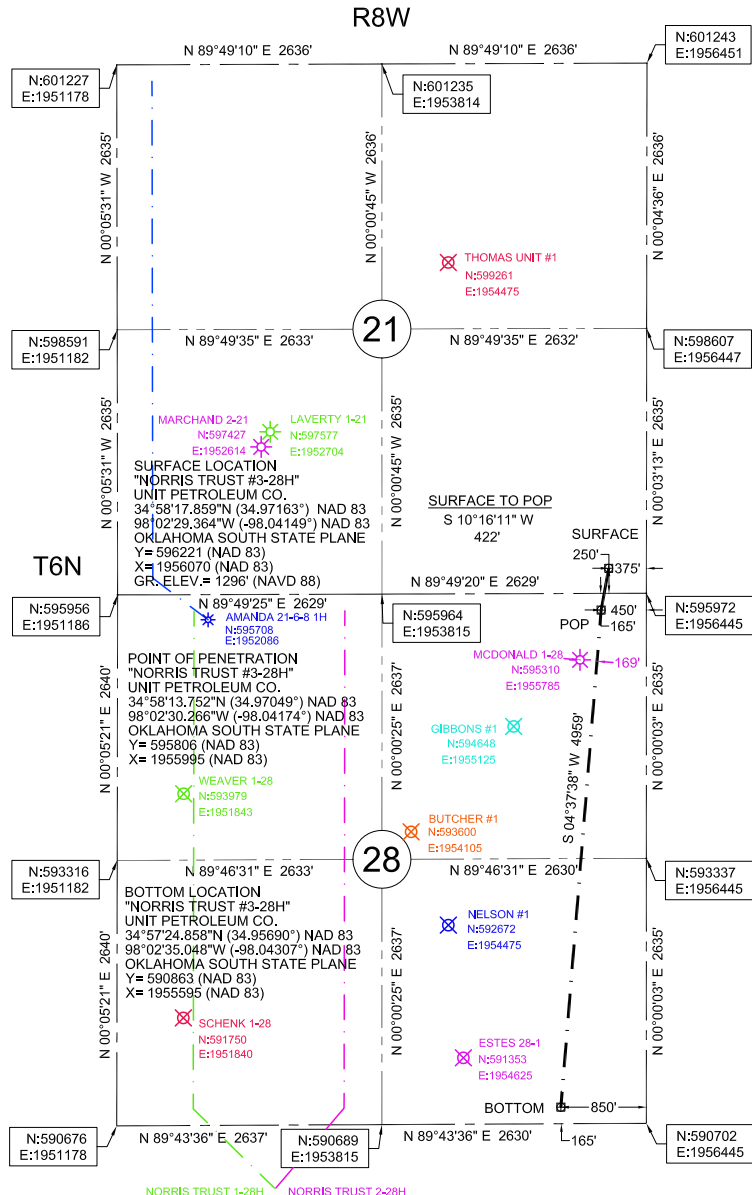
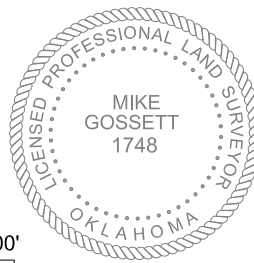
**Bottom Location**  
 "Norris Trust #3-28H" situated 165 feet from the south section line and 850 feet from the east section line of Section 28, T 6 N, R 8 W.I.M., Grady County, Oklahoma.



Datum: NAD 83  
 Units: US Survey Feet  
 North: Grid  
 Coordinates: State Plane  
 Zone: 3502  
 State: Oklahoma  
 Region: South



LEGEND	
	PLUGGED WELL
	EXISTING WELL
	SECTION LINE
	1/4 SECTION LINE
	PROPOSED LATERAL
	EXISTING LATERAL



- SURVEY NOTES**
1. EXISTING WELL COORDINATES ARE FROM THE OCC WEB SITE AND WERE NOT FIELD LOCATED.
  2. UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE IN THE FIELD.
  3. THIS SURVEY IS FOR A WELL LOCATION EXHIBIT ONLY. NOT TO BE USED AS A BOUNDARY SURVEY.
  4. DATE OF LAST SITE VISIT: 04-05-2018

REVISIONS:	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
	C.M.G.	138-19	04-21-2019	1"=1500'	1 OF 4

email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com

580-256-6757

# ON POINT

## Land Survey

1918 MAIN STREET  
 WOODWARD, OKLAHOMA 73801  
 OKLA. CA #7719, EXP. 06/30/2019