

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

API NUMBER: 129 24127

Approval Date: 06/03/2019

Expiration Date: 12/03/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 17N Rge: 21W County: ROGER MILLS

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 760

Lease Name: TRENTHAM 17-21 4-33

Well No: H1

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

Operator Name: PPP PETROLEUM LP

Telephone: 2142316832

OTC/OCC Number: 23356 0

PPP PETROLEUM LP
2101 CEDAR SPRINGS RD STE 1800
DALLAS , TX 75201-1585

JAMES G. TRENTHAM
RR 1, BOX 121B
BALKO OK 73931

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

Name	Depth	Name	Depth
1 OSWEGO	9476	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 122042

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900346
201900345

Special Orders:

Total Depth: 20048

Ground Elevation: 2109

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

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: 14000 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: 19-36593

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 33 Twp 18N Rge 21W County ROGER MILLS

Spot Location of End Point: C N2 NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 9142

Radius of Turn: 514

Direction: 1

Total Length: 10098

Measured Total Depth: 20048

True Vertical Depth: 9476

End Point Location from Lease,
Unit, or Property Line: 330

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

HYDRAULIC FRACTURING

5/15/2019 - 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; 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

MEMO

5/15/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900345

5/30/2019 - G58 - (I.O.) 33-18N-21W & 4-17N-21W
EST MULTIUNIT HORIZONTAL WELL
X122042 OSWG, OTHERS
(OSWG IS TARGET RESERVOIR)
50% 33-18N-21W
50% 4-17N-21W
NO OP. NAMED
REC 3/26/2019 (MINMIER)

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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.

129 24127 TRENTAM 17-21 4-33 H1

Category	Description
PENDING CD - 201900346	5/30/2019 - G58 - (I.O.) 33-18N-21W & 4-17N-21W X122042 OSWG SHL 250' FNL 760' FEL OF 9-17N-21W COMPL. INT. 4-17N-21W NCT 330' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. 33-18N-21W NCT 0' FSL, NCT 330' FNL, NCT 660' FEL NO OP. NAMED HEARING 3/29/2019
SPACING - 122042	5/30/2019 - G58 - (640) 4-17N-21W & 33-18N-21W EXT OTHERS EXT 104943 OSWG, OTHERS

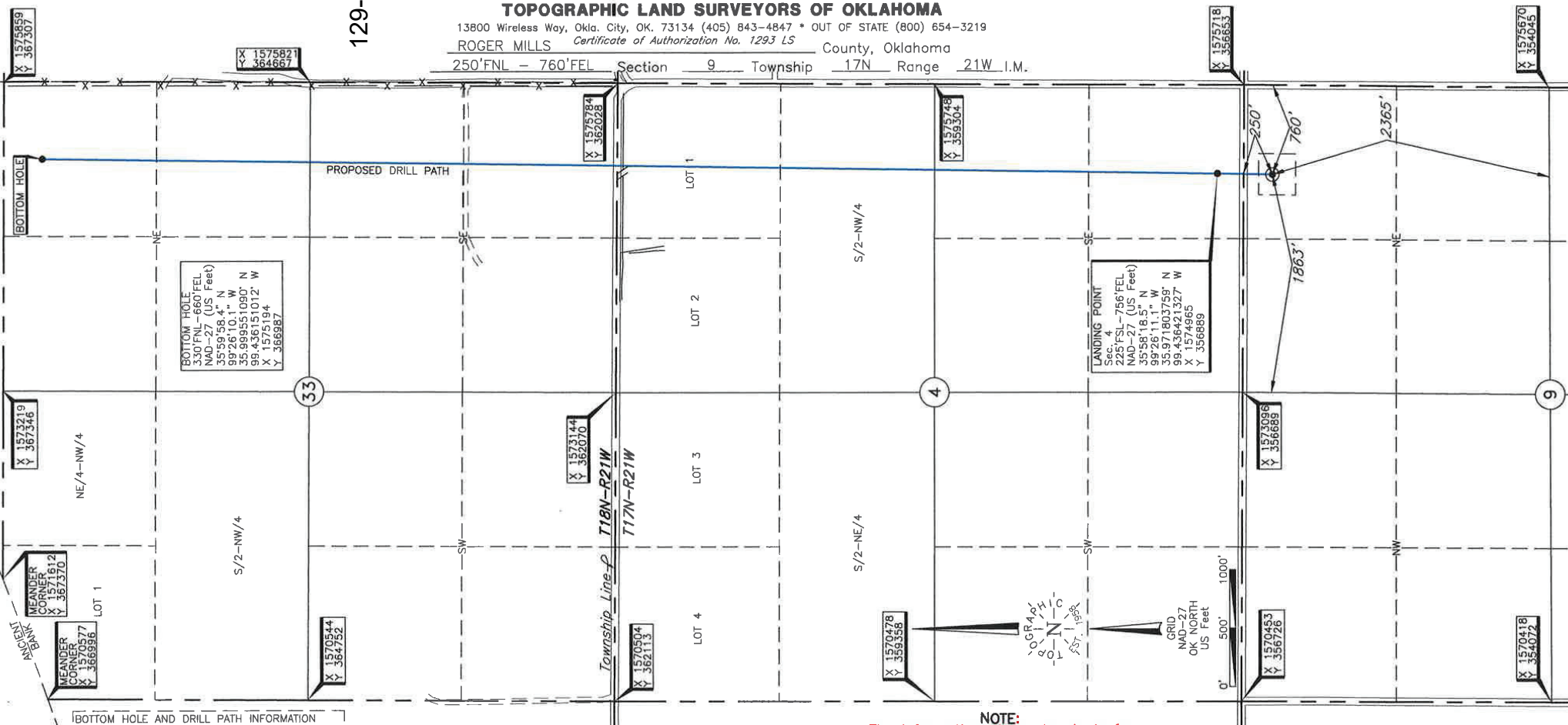
129-24127

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

ROGER MILLS Certificate of Authorization No. 1293 LS County, Oklahoma

250'FNL - 760'FEL Section 9 Township 17N Range 21W I.M.

BOTTOM HOLE AND DRILL PATH INFORMATION
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

ELEVATION:

2109' Gr. at Stake

Operator: PEREGRINE PETROLEUM

Lease Name: TRENTAM 17-21

Well No.: 4-33 H1

Topography & Vegetation Loc. fell in rolling sandy pasture

Good Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction From Camargo, OK, go ± 2.5 mi. South, then ± 8.5 mi. West on
county road to the NE Cor. of Sec. 9-T17N-R21W

DATUM: NAD-27

LAT: $35^{\circ}58'13.8''$ N

LONG: $99^{\circ}26'11.2''$ W

LAT: 35.970498888° N

LONG: 99.436434034° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 1574954

Y: 356414

This information was
gathered with a GPS receiver
with ± 1 foot Horiz./Vert. accuracy

Date of Drawing: May 02, 2019

Project # 126221 Date Staked: Nov. 02, 2018

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma
Licensed Land Surveyor and an authorized agent
of Topographic Land Surveyors of Oklahoma, do
hereby certify to the information shown herein.

Thomas L. Howell

Oklahoma Lic. No. 1433

