

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

API NUMBER: 045 23608

Approval Date: 05/19/2016
Expiration Date: 11/19/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 20N Rge: 24W County: ELLIS
SPOT LOCATION: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 165 530

Lease Name: ROPER 21-20-24 Well No: 1HA Well will be 165 feet from nearest unit or lease boundary.
Operator Name: FOURPOINT ENERGY LLC Telephone: 3032900990 OTC/OCC Number: 23429 0

FOURPOINT ENERGY LLC
100 SAINT PAUL ST STE 400
DENVER, CO 80206-5140

DIX A ROPER
181353 EAST CR 56
ARNETT OK 73834

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

Name	Depth	Name	Depth
1 CLEVELAND	8490	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 101239

Location Exception Orders: 650235

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13727

Ground Elevation: 2430

Surface Casing: 770

Depth to base of Treatable Water-Bearing FM: 720

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 100000 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 BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

B. Solidification of pit contents.

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

PERMIT NO: 16-31271

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: WATER 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: OGALLALA

HORIZONTAL HOLE 1

Sec 21 Twp 20N Rge 24W County ELLIS

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 530

Depth of Deviation: 7877

Radius of Turn: 573

Direction: 360

Total Length: 4950

Measured Total Depth: 13727

True Vertical Depth: 8490

End Point Location from Lease,
Unit, or Property Line: 65

Notes:

Category

Description

HYDRAULIC FRACTURING

5/19/2016 - 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.

LOCATION EXCEPTION - 650235

5/19/2016 - G60 - (I.O.) 21-20N-24W
X101239 CLVD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330'FWL
FOURPOINT ENERGY, LLC.
2-25-16

MEMO

5/19/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 101239

5/19/2016 - G60 - (640) 21-20N-24W
EXT 64184/65115 CLVD, OTHERS

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.

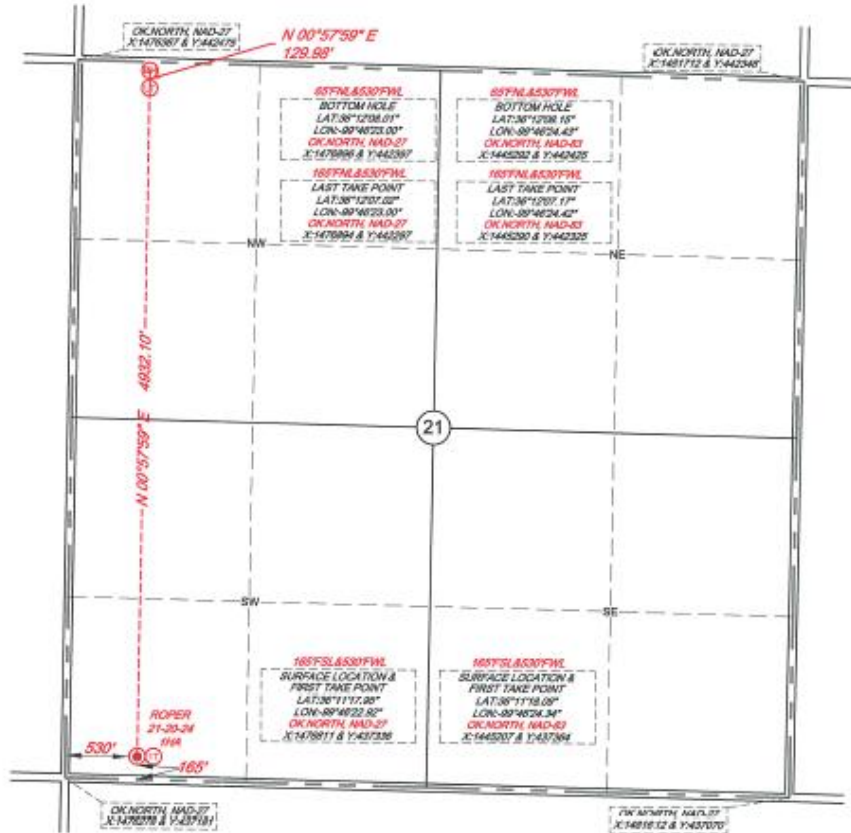


ROPER 21-20-24 1HA

SECTION 21
T-20-N, R-24-W1M
ELLIS COUNTY, OKLAHOMA
LOCATION PLAT

Oklahoma Certificate of Authorization No. 1292, Exp. June 30, 2017

SCALE: 1" = 1000'
0 500 1000'



THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THE FOOTAGES AND TIES SHOWN ARE FROM LINES OF OCCUPATION, WHICH MAY NOT BE ACTUAL PROPERTY LINES.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET.

ORIGINAL DOCUMENT SIZE: 8.5" X 14"



LEGEND

- = PREVIOUSLY PLATTED WELL
- = EXISTING WELL
- ⊙ = PROPOSED WELL
- ⊕ = PENETRATION POINT
- ⊖ = TERMINUS POINT
- ⊗ = BOTTOM HOLE LOC.
- ⊘ = SECTION CORNER

FOOTAGES: 165FSL&530FWL GROUND ELEVATION: 2430'
 DATE OF SURVEY: JANUARY 8, 2016 TOPOGRAPHY & VEGETATION: PASTURE
 REFERENCE OR ALTERNATE STAKES SET: NONE SET
 LOCATED: ±3 MILESNORTH OF ARNETT, OKLAHOMA
 BEST ACCESSIBILITY TO LOCATION: FROM COUNTY ROAD TO THE NORTH



CERTIFICATION:

I, V. Lynn Bezner, a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown.

V. Lynn Bezner

FILE NAME LO_ROPER_21_20_24_1HA
INT

OKLAHOMA REG. NO. _____

1230