

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

API NUMBER: 045 23810

Approval Date: 08/21/2019

Expiration Date: 02/21/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 18N Rge: 24W

County: ELLIS

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 237 1677

Lease Name: WORD 19-18-24

Well No: 2HA

Well will be 237 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

BRENDA AND GEORGE GIFFIN  
14078 WEST 146TH STREET SOUTH  
SAPULPA OK 74066

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

Name	Depth	Name	Depth
1 CLEVELAND	9000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 594168

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903056

Special Orders:

Total Depth: 14424

Ground Elevation: 2252

**Surface Casing: 670**

Depth to base of Treatable Water-Bearing FM: 520

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: 40000 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: 19-36826

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 19 Twp 18N Rge 24W County ELLIS

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 500

Depth of Deviation: 8605

Radius of Turn: 477

Direction: 190

Total Length: 5069

Measured Total Depth: 14424

True Vertical Depth: 9288

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

Notes:

Category

Description

HYDRAULIC FRACTURING

7/31/2019 - 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)

MEMO

7/31/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903056

8/21/2019 - G56 - (I.O.) 19-18N-24W  
X594168 CLVD  
COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 330' FWL  
NO OP NAMED  
REC 6/24/2019 (MOORE)

SPACING - 594168

8/21/2019 - G56 - (640)(HOR) 19-18N-24W  
EST CLVD, OTHERS  
COMPL INT NCT 660' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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

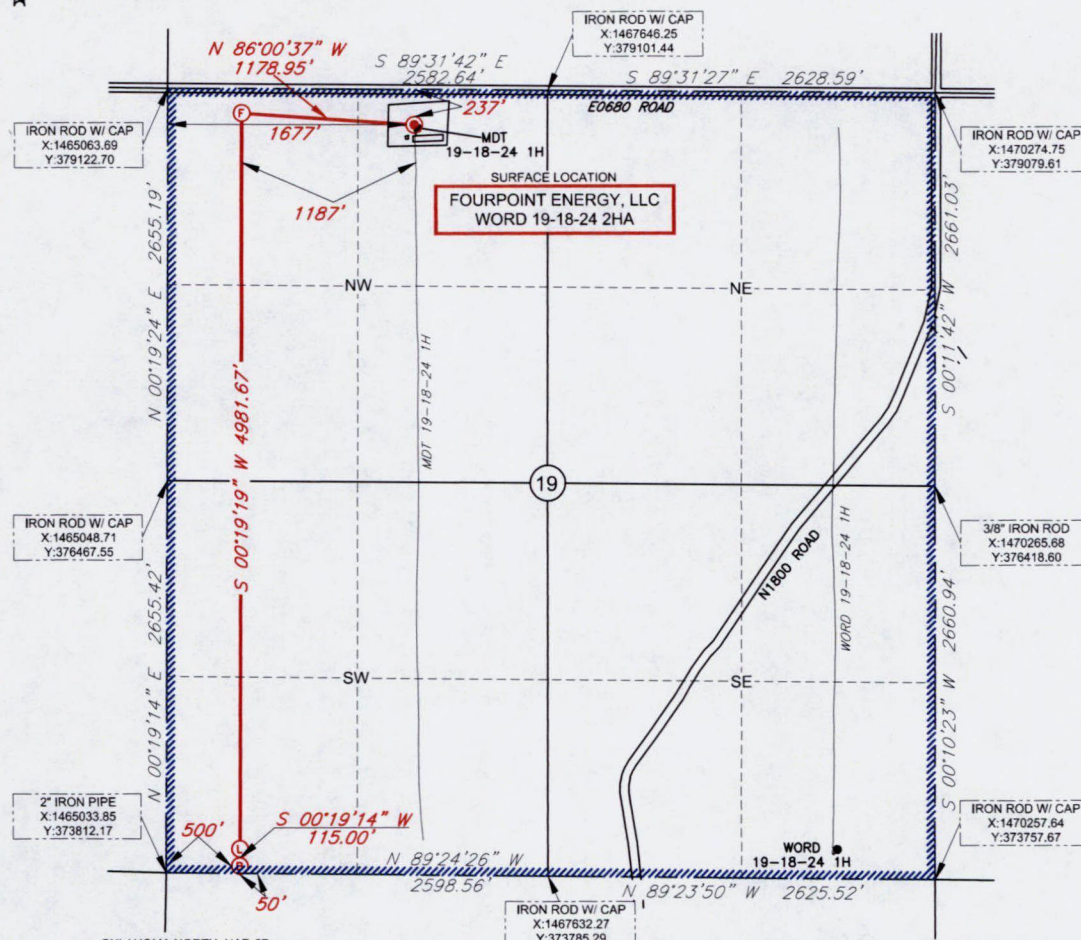
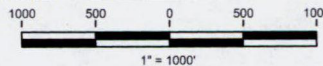
045 23810 WORD 19-18-24 2HA

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.

## PROPOSED LOCATION PLAT

COMPANY: FOURPOINT ENERGY, LLC LEASE NAME: WORD 19-18-24 2HA  
 SECTION: 19 TOWNSHIP: T-18-N RANGE: R-24-W FOOTAGES: 237'FNL & 1677'FWL  
 COUNTY: ELLIS STATE: OK  
 LATITUDE: 36°01'38.02" LONGITUDE: -99°48'12.52" ELEVATION: 2252'GR  
 DIRECTION: ±11 MILES SOUTHWEST OF ARNETT, OK  
 TOPOGRAPHY & VEGETATION: PAD  
 BEST ACCESSIBILITY: FROM EXISTING LEASE ROAD



OKLAHOMA NORTH, NAD-27			
<b>SURFACE LOCATION</b> SECTION: 237FNL & 1677FWL LEASE: 237FNL & 1677FWL LAT: 36°01'38.02" LON: -99°48'12.52" X: 1465063.69 Y: 379122.70	<b>FIRST TAKE POINT</b> SECTION: 165FNL & 500FWL LEASE: 165FNL & 500FWL LAT: 36°01'38.61" LON: -99°48'26.85" X: 1465562.75 Y: 378953.58 LAT: 36.02739291 LON: -99.80745853	<b>LAST TAKE POINT</b> SECTION: 165FSL & 500FWL LEASE: 165FSL & 500FWL LAT: 36°00'49.35" LON: -99°48'26.08" X: 1465534.75 Y: 373971.99 LAT: 36.01370859 LON: -99.80723962	<b>BOTTOM HOLE</b> SECTION: 50FSL & 500FWL LEASE: 50FSL & 500FWL LAT: 36°00'48.21" LON: -99°48'26.04" X: 1465534.11 Y: 373856.99 LAT: 36.01339269 LON: -99.80723456
OKLAHOMA NORTH, NAD-83			
<b>SURFACE LOCATION</b> SECTION: 237FNL & 1677FWL LEASE: 237FNL & 1677FWL LAT: 36°01'38.18" LON: -99°48'13.93" X: 1435135.52 Y: 378899.42 LAT: 36.027271701 LON: -99.803870109	<b>FIRST TAKE POINT</b> SECTION: 165FNL & 500FWL LEASE: 165FNL & 500FWL LAT: 36°01'38.77" LON: -99°48'28.27" X: 1433959.42 Y: 378981.45 LAT: 36.027436888 LON: -99.807851983	<b>LAST TAKE POINT</b> SECTION: 165FSL & 500FWL LEASE: 165FSL & 500FWL LAT: 36°00'49.51" LON: -99°48'27.48" X: 1433931.46 Y: 373999.82 LAT: 36.013752818 LON: -99.807632891	<b>BOTTOM HOLE</b> SECTION: 50FSL & 500FWL LEASE: 50FSL & 500FWL LAT: 36°00'48.37" LON: -99°48'27.46" X: 1433930.81 Y: 373884.82 LAT: 36.013436921 LON: -99.807627812

## LEGEND

- SURFACE
- PENETRATION PT.
- FIRST TAKE
- LAST TAKE
- BOTTOM HOLE
- EXISTING WELLS
- PROPOSED WELLS
- ▤ LEASE LINE

PAD DETAIL NO SCALE  
 WORD 19-18-24 2HA  
 33'

MDT  
 19-18-24 1H

BORE PATH INFORMATION PROVIDED BY FOURPOINT ENERGY, LLC  
 OPEN RANGE FIELD SERVICES HAS NOT PERFORMED A SURVEY ON THE GROUND

**FOURPOINT**  
 ENERGY

FILE: ORFS-8500-168

DATE: 3-16-18

SURVEYED BY: B.A.

DRAWN BY: K.Y.

CHECKED BY: C.L.

REVISION:

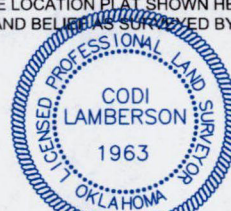
I, CODI LAMBERSON, HEREBY STATE THAT THE LOCATION PLAT SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED BY ME OR UNDER MY SUPERVISION.

*Codi Lamberson*  
 July 20, 2018

CODI LAMBERSON, P.L.S. 1963  
 SURVEYED ON THE GROUND: MARCH 14, 2018



(CA-7824 LS 7/31/2018)  
 1503 S. BARNES, PAMPA, TX 79065  
 O: 806.665.0770  
 39350 IH-10 WEST, BOERNE, TX 78006  
 O: 830.816.5009



NOTE:  
 BEARINGS, DISTANCES & COORDINATES BASED ON OKLAHOMA STATE  
 PLANE COORDINATE SYSTEM  
 GPS OBSERVATION, OK NORTH ZONE, NAD-27  
 GRID, US SURVEY FEET