

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

API NUMBER: 045 23746

Approval Date: 06/25/2018

Expiration Date: 12/25/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 19N Rge: 26W

County: ELLIS

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 300 2180

Lease Name: KNOWLES 25X36-19-26

Well No: 1HA

Well will be 300 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

KENNETH K. KNOWLES REVOCABLE TRUST  
179228 EAST CR 63  
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	9119	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 100596

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803414  
201803410  
201803411  
201803412

Special Orders:

Total Depth: 19900

Ground Elevation: 2511

Surface Casing: 890

Depth to base of Treatable Water-Bearing FM: 690

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: 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 BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT)  
H. SEE MEMO

PERMIT NO: 18-34634

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: OGALLALA

## HORIZONTAL HOLE 1

Sec 36 Twp 19N Rge 26W 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: 550

Depth of Deviation: 8975

Radius of Turn: 382

Direction: 181

Total Length: 10325

Measured Total Depth: 19900

True Vertical Depth: 9500

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

### Notes:

#### Category

#### Description

HYDRAULIC FRACTURING

6/8/2018 - 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

6/8/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201803410

6/25/2018 - G57 - (I.O.) 25 & 36-19N-26W  
EST MULTIUNIT HORIZONTAL WELL  
X100596 CLVD  
50% 25-19N-26W  
50% 36-19N-26W  
NO OP. NAMED  
REC 5-29-2018 (FOREMAN)

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

045 23746 KNOWLES 25X36-19-26 1HA

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 - 201803411	6/25/2018 - G57 - 25-19N-26W X100596 CLVD 3 WELLS NO OP. NAMED REC 5-29-2018 (FOREMAN)
PENDING CD - 201803412	6/25/2018 - G57 - 36-19N-26W X100596 CLVD 3 WELLS NO OP. NAMED REC 5-29-2018 (FOREMAN)
PENDING CD - 201803414	6/25/2018 - G57 - (I.O.) 25 & 36-19N-26W X100596 CLVD COMPL. INT. (25-19N-26W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (36-19N-26W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 5-29-2018 (FOREMAN)
SPACING - 100596	6/25/2018 - G57 - (640) 25 & 36-19N-26W EXT OTHERS EST CLVD, OTHERS

