

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

API NUMBER: 129 24101

Approval Date: 05/10/2017

Expiration Date: 11/10/2017

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 12N Rge: 26W

County: ROGER MILLS

SPOT LOCATION: ☐ SE ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 647 662

Lease Name: THUNDER 17-12-26

Well No: 1HA

Well will be 647 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

JERRY AND ORNA DAVIS
10434 NORTH 1670 ROAD
SWEETWATER OK 73666

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

Name	Depth	Name	Depth
1 DES MOINES	12860	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 171758

Location Exception Orders: 661391

Increased Density Orders: 662364

Pending CD Numbers:

Special Orders:

Total Depth: 17935

Ground Elevation: 2350

Surface Casing: 870

Depth to base of Treatable Water-Bearing FM: 720

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)

PERMIT NO: 17-32526

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: OGALLALA

HORIZONTAL HOLE 1

Sec 17 Twp 12N Rge 26W County ROGER MILLS

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 880

Depth of Deviation: 12285

Radius of Turn: 573

Direction: 10

Total Length: 4750

Measured Total Depth: 17935

True Vertical Depth: 12860

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/3/2017 - 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

INCREASED DENSITY - 662364

5/10/2017 - G60 - 17-12N-26W
X171758 DSMN
1 WELL
NO OP. NAMED
3/31/17

LOCATION EXCEPTION - 661391

5/10/2017 - G60 - (I.O.) 17-12N-26W
X171758 DSMN
COMPL. INT. NCT 300' FNL, NCT 300' FSL, NCT 600' FWL
NO OP. NAMED
2/27/17

MEMO

5/3/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 171758

5/10/2017 - G60 - (640) 17-12N-26W
EXT 132448 DSMN
EXT 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.

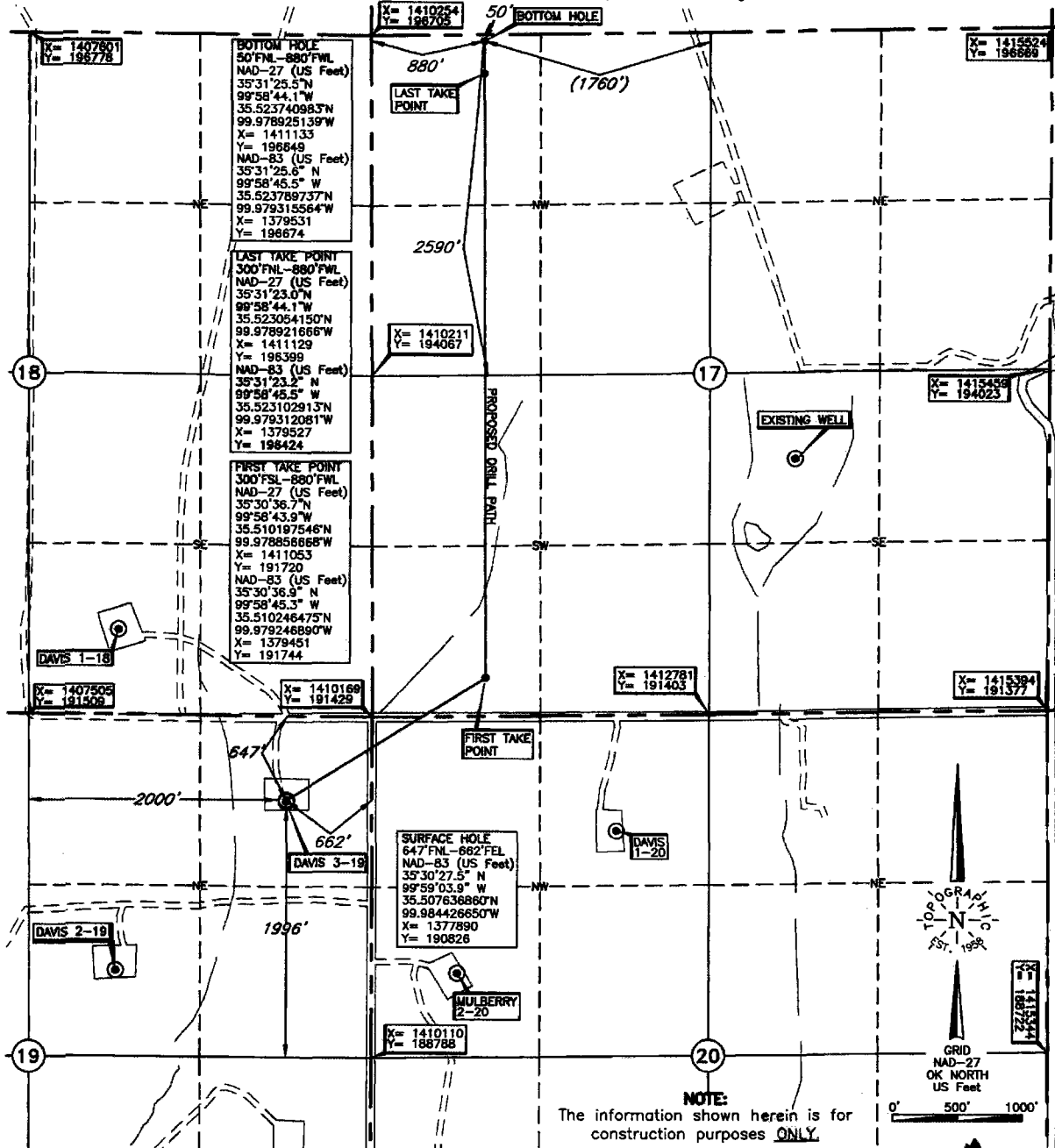
129 24101 THUNDER 17-12-26 1HA

ROGER MILLS

County, Oklahoma

3512924101

647'FNL-662'FEL Section 19 Township 12N Range 26W I.M.



BOTTOM HOLE, FIRST TAKE POINT, LAST TAKE POINT AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: FOURPOINT ENERGY, LLC.

Lease Name: THUNDER 17-12-26

Well No.: 1HA

ELEVATION:

2350' Gr. at Level Pad

Topography & Vegetation Loc. fell on existing pad; ±15' North of existing well

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction
from Hwy Jct or Town From St. Hwy. 152 and the Texas and Oklahoma State line, go SE ±0.1 mile on St. Hwy. 152, then North ±4.5 miles, then East ±1.0 mile, then North ±1.0 mile to the NE Cor. of Sec. 19-T12N-R26W.

Revision A Date of Drawing: May 1, 2017
Invoice # 267113 Date Staked: Oct. 24, 2016 TR

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

DATUM: NAD-27
LAT: 35°30'27.3"N
LONG: 99°59'02.5"W
LAT: 35.507587897°N
LONG: 99.984036299°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1409493
Y: 190802

This information was gathered with a GPS receiver with ±1 foot horizontal accuracy.

