

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

API NUMBER: 045 23762

Approval Date: 09/18/2018

Expiration Date: 03/18/2020

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 19N Rge: 25W

County: ELLIS

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 1620

Lease Name: WEST HOG 30X31-19-25

Well No: 2HC

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

GERTRUDE KNOWLES TRUST
PO BOX 145
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	9049	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 161049

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805774
201805773

Special Orders:

Total Depth: 19565

Ground Elevation: 2432

Surface Casing: 820

Depth to base of Treatable Water-Bearing FM: 660

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: 18-35258

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 31 Twp 19N Rge 25W County ELLIS

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 610

Depth of Deviation: 8475

Radius of Turn: 462

Direction: 170

Total Length: 10364

Measured Total Depth: 19565

True Vertical Depth: 9375

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

Notes:

Category

Description

HYDRAULIC FRACTURING

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

INCREASED DENSITY - 682970

9/18/2018 - G58 - 30-19N-25W
X161049 CLVD
2 WELLS
FOURPOINT ENERGY, LLC
9/13/2018

INCREASED DENSITY - 682971

9/18/2018 - G58 - 31-19N-25W
X161049 CLVD
2 WELLS
FOURPOINT ENERGY, LLC
9/13/2018

MEMO

8/27/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

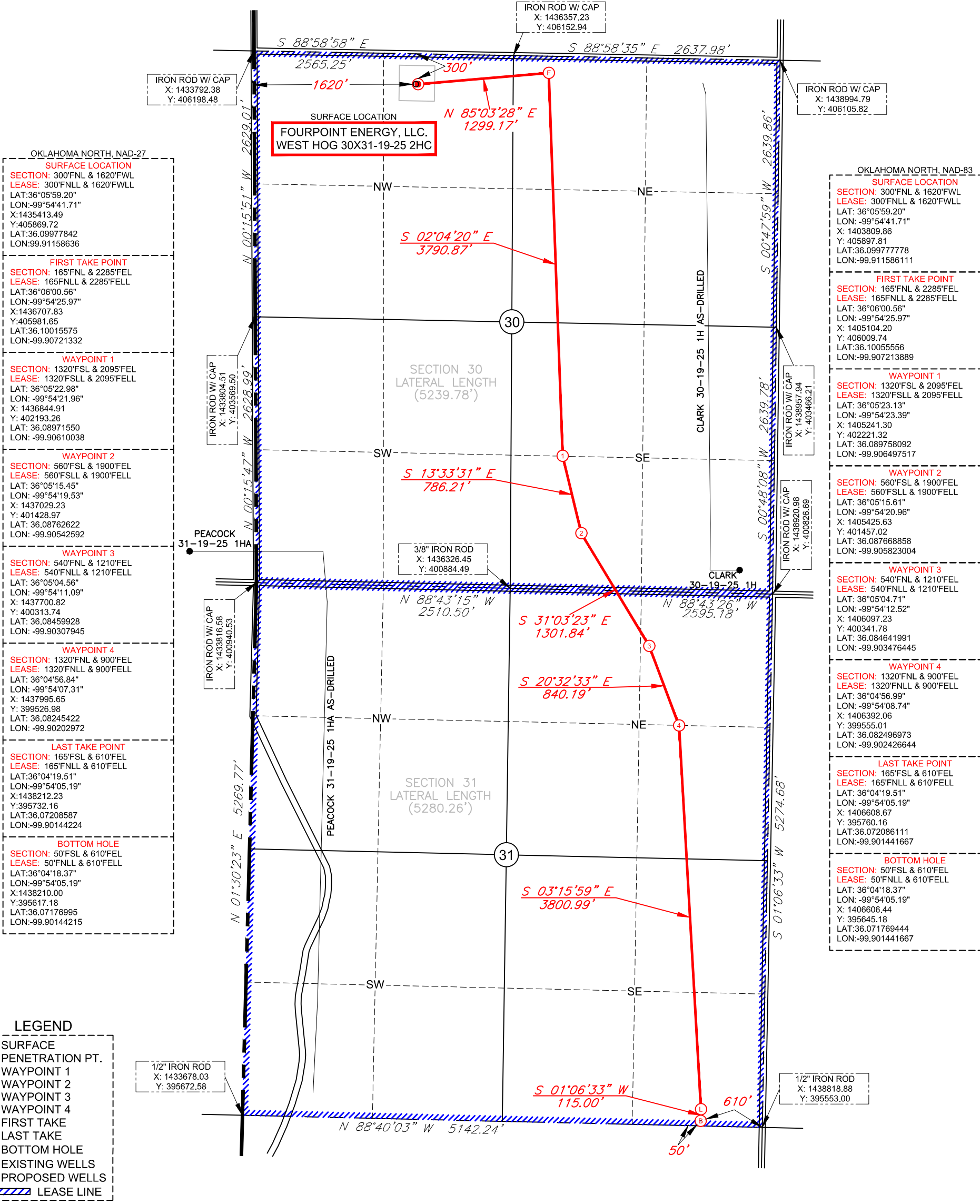
045 23762 WEST HOG 30X31-19-25 2HC

Category	Description
PENDING CD - 201805773	9/18/2018 - G58 - (I.O.) 30 & 31-19N-25W EST MULTIUNIT HORIZONTAL WELL X161049 CLVD 50% 30-19N-25W 50% 31-19N-25W NO OP. NAMED REC 8/13/2018 (NORRIS)
PENDING CD - 201805774	9/18/2018 - G58 - (I.O.) 30 & 31-19N-25W X161049 CLVD COMPL. INT. 30-19N-25W NCT 165' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. 31-19N-25W NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 8/13/2018 (NORRIS)
SPACING - 161049	9/18/2018 - G58 - (640) 30 & 31-19N-25W EXT OTHERS EST OTHER EXT 100886 CLVD, OTHERS

PROPOSED LOCATION PLAT

COMPANY: FOURPOINT ENERGY, LLC. LEASE NAME: WEST HOG 30X31-19-25 2HC
SECTION: 30 TOWNSHIP: T-19-N RANGE: R-25-W FOOTAGES: 300'FNL & 1620'FWL
COUNTY: ELLIS STATE: OK
LATITUDE: 36°05'59.20" LONGITUDE: -99°54'41.71" ELEVATION: 2432'GR
DIRECTION: ±5 MILES SOUTHWEST OF ARNETT, OK
TOPOGRAPHY & VEGETATION: PASTURE
BEST ACCESSIBILITY: FROM COUNTY ROAD TO THE NORTH

045-23762



- LEGEND
- SURFACE
 - PENETRATION PT.
 - ① WAYPOINT 1
 - ② WAYPOINT 2
 - ③ WAYPOINT 3
 - ④ WAYPOINT 4
 - ⓕ FIRST TAKE
 - Ⓛ LAST TAKE
 - Ⓛ BOTTOM HOLE
 - EXISTING WELLS
 - PROPOSED WELLS
 - ▬ LEASE LINE

FOURPOINT ENERGY

FILE: ORFS-8500-207

DATE: 5-14-18

SURVEYED BY: B.A.

DRAWN BY: K.Y.

CHECKED BY: C.L.

REVISION:

1	I.G	EDITED WELL NAME
2		
3		
4		
5		

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 17, 2018
CODI LAMBERSON, P.L.S. 1963
SURVEYED ON THE GROUND: MAY 7, 2018



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

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



(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