

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

API NUMBER: 045 23797

Approval Date: 04/29/2019

Expiration Date: 10/29/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 19N Rge: 24W County: ELLIS

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 221 1053

Lease Name: MOSQUITO CREEK 21X28-19-24

Well No: 1HA

Well will be 221 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

TODD S WEST
61664 S CR 181
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	8690	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 92369

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901736
201901737

Special Orders:

Total Depth: 19241

Ground Elevation: 2417

Surface Casing: 690

Depth to base of Treatable Water-Bearing FM: 640

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: 19-36496

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 28 Twp 19N 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: 575

Depth of Deviation: 8043

Radius of Turn: 573

Direction: 185

Total Length: 10298

Measured Total Depth: 19241

True Vertical Depth: 9132

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

Notes:

Category

Description

HYDRAULIC FRACTURING

4/17/2019 - 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: OCCWEB.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

MEMO

4/17/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901736

4/19/2019 - GA8 - (I.O.) 21 & 28-19N-24W
EST MULTIUNIT HORIZONTAL WELL
X92369 CLVD 21 & 28-19N-24W
50% 21-19N-24W
50% 28-19N-24W
NO OP. NAMED
REC 4/15/2019 (JOHNSON)

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

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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 23797 MOSQUITO CREEK 21X28-19-24
1HA

Category	Description
PENDING CD - 201901737	4/19/2019 - GA8 - (I.O.) 21 & 28-19N-24W X92369 CLVD 21 & 28-19N-24W COMPL. INT. (21-19N-24W) NCT 165' FNL, NCT 0' FSL, NCT 475' FWL COMPL. INT. (28-19N-24W) NCT 0' FNL, NCT 165' FSL, NCT 475' FWL NO OP. NAMED REC 4/15/2019 (JOHNSON)
SPACING - 92369	4/19/2019 - GA8 - (640) 21 & 28-19N-24W EXT OTHER EST OTHERS EST CLVD

"AS-DRILLED" WELL LOCATION PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE MOSQUITO CREEK 21X28-19-24, WELL NO. 1HA
 SECTION 16 TOWNSHIP 19-N RANGE 24-WM LOCATION 221' FSL 1053' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION EXISTING PAD
 LATITUDE 36°06'57.18" LONGITUDE -99°46'15.60" NAD27 ELEVATION 2417' NGVD29 DATE STAKED 3/19/19
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 1.0 MILES SOUTH OF ARNETT, OKLAHOMA

SURFACE LOCATION
 221' FSL & 1053' FWL
 OF SECTION 16

NAD27:
 X = 1,476,929
 Y = 410,361
 36°06'57.18"
 -99°46'15.60"
 36.1158833"
 -99.7710000"
 NAD83:
 X = 1,445,325
 Y = 410,989
 36°06'57.33"
 -99°46'17.03"
 36.1159250"
 -99.7713972"

FIRST TAKE POINT
 226' FSL & 579' FWL
 OF SECTION 21

NAD27:
 X = 1,476,447
 Y = 410,521
 36°06'52.74"
 -99°46'21.38"
 36.1146500"
 -99.7726056"
 NAD83:
 X = 1,444,844
 Y = 410,549
 36°06'52.89"
 -99°46'22.79"
 36.1146917"
 -99.7729972"

LAST TAKE POINT IN SEC 21
 16' FSL & 576' FWL
 OF SECTION 21

NAD27:
 X = 1,476,365
 Y = 405,450
 36°08'02.58"
 -99°46'21.25"
 36.1007167"
 -99.7725694"
 NAD83:
 X = 1,444,762
 Y = 405,478
 36°08'02.74"
 -99°46'22.66"
 36.1007811"
 -99.7729611"

FIRST TAKE POINT IN SEC 28
 9' FSL & 578' FWL
 OF SECTION 28

NAD27:
 X = 1,476,366
 Y = 405,425
 36°08'02.34"
 -99°46'21.23"
 36.1006500"
 -99.7725639"
 NAD83:
 X = 1,444,763
 Y = 405,453
 36°08'02.49"
 -99°46'22.64"
 36.1006917"
 -99.7729556"

LAST TAKE POINT
 184' FSL & 634' FWL
 OF SECTION 28

NAD27:
 X = 1,476,356
 Y = 400,305
 36°05'11.71"
 -99°46'20.22"
 36.0865861"
 -99.7722833"
 NAD83:
 X = 1,444,753
 Y = 400,333
 36°05'11.86"
 -99°46'21.63"
 36.0866278"
 -99.7726750"

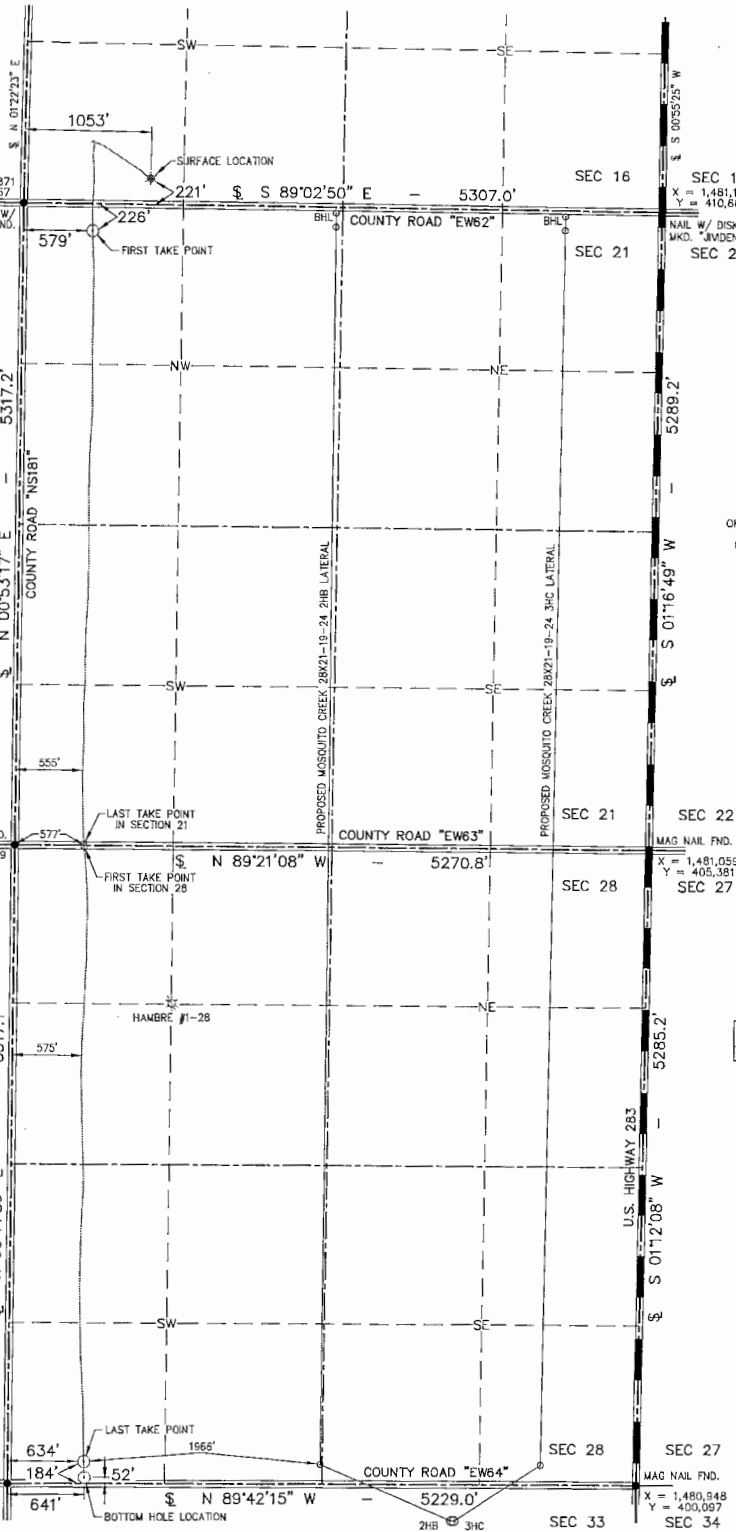
BOTTOM HOLE LOCATION
 52' FSL & 641' FWL
 OF SECTION 28

NAD27:
 X = 1,476,361
 Y = 400,172
 36°05'10.39"
 -99°46'20.13"
 36.0862194"
 -99.7722583"
 NAD83:
 X = 1,444,758
 Y = 400,200
 36°05'10.55"
 -99°46'21.54"
 36.0862839"
 -99.7726500"

- WELL LEGEND**
- PERMITTED
 - ◇ DRY HOLE
 - OIL
 - ✱ GAS
 - ✱ OIL/GAS
 - ✱ PLUGGED OIL
 - ✱ PLUGGED GAS
 - ✱ PLUGGED OIL/GAS

NOTE:

- This plat is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
- Bearings and dimensions shown are based on Grid Azimuth and Grid distance. All XY coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet.
- XY Coordinates were derived from GPS static survey observations and/or RTK survey methods.
- As-drilled data shown on this plat was provided by client and/or third party. Information was not nor has not been field verified by Surveyor.



OKLA. COORDINATE SYSTEM
 NAD-27
 OKLAHOMA NORTH ZONE
 U.S. FEET



WELL NAME: HAMBRE #1-28
 DISTANCE TO HORIZ: 727'

Scale 1" = 1000'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: *[Signature]* DATED: 10/25/19

GDI
 Geospatial Data, Inc.
 LAND SURVEYING & GIS
 105 HACKBERRY TRAIL • CANADIAN, TX 79014
 (806) 323-9773 • TEXAS FIRM NO. 10010100
 CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2020

FOURPOINT
 ENERGY
 100 ST. PAUL STREET • SUITE 400 • DENVER, CO 80206

MOSQUITO CREEK 21X28-19-24 1HA	FIELD:	N/A
	DRAWN:	MLS
	DATE:	10/9/19
	CHECKED:	CBM
	SHEET:	1 OF 1
	REVISION:	
MOVE LTP TO 19688	10/25/19	JOB NO. C21B-172-5.1

