

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

API NUMBER: 045 23623

Approval Date: 09/13/2016
Expiration Date: 03/13/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 17N Rge: 23W

County: ELLIS

SPOT LOCATION: S2 S2 SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 660

Lease Name: BERRYMAN 21

Well No: 1HA

Well will be 250 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

BERRYMAN-SHREWDER TRUST
P.O. BOX 1
WICHITA KS 67201

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

Name	Depth	Name	Depth
1 CLEVELAND	9400	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 637222

Location Exception Orders: 654837

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15438

Ground Elevation: 2343

Surface Casing: 860

Depth to base of Treatable Water-Bearing FM: 700

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: 16-31554

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 21 Twp 17N Rge 23W County ELLIS

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 9188

Radius of Turn: 900

Direction: 360

Total Length: 4836

Measured Total Depth: 15438

True Vertical Depth: 9763

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

HYDRAULIC FRACTURING

8/24/2016 - 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.

LOCATION EXCEPTION - 654837

8/25/2016 - G75 - (I.O.) 21-17N-23W
X637222 CLVD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 560' FWL
FOURPOINT ENERGY, LLC
8-1-2016

MEMO

8/24/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 637222

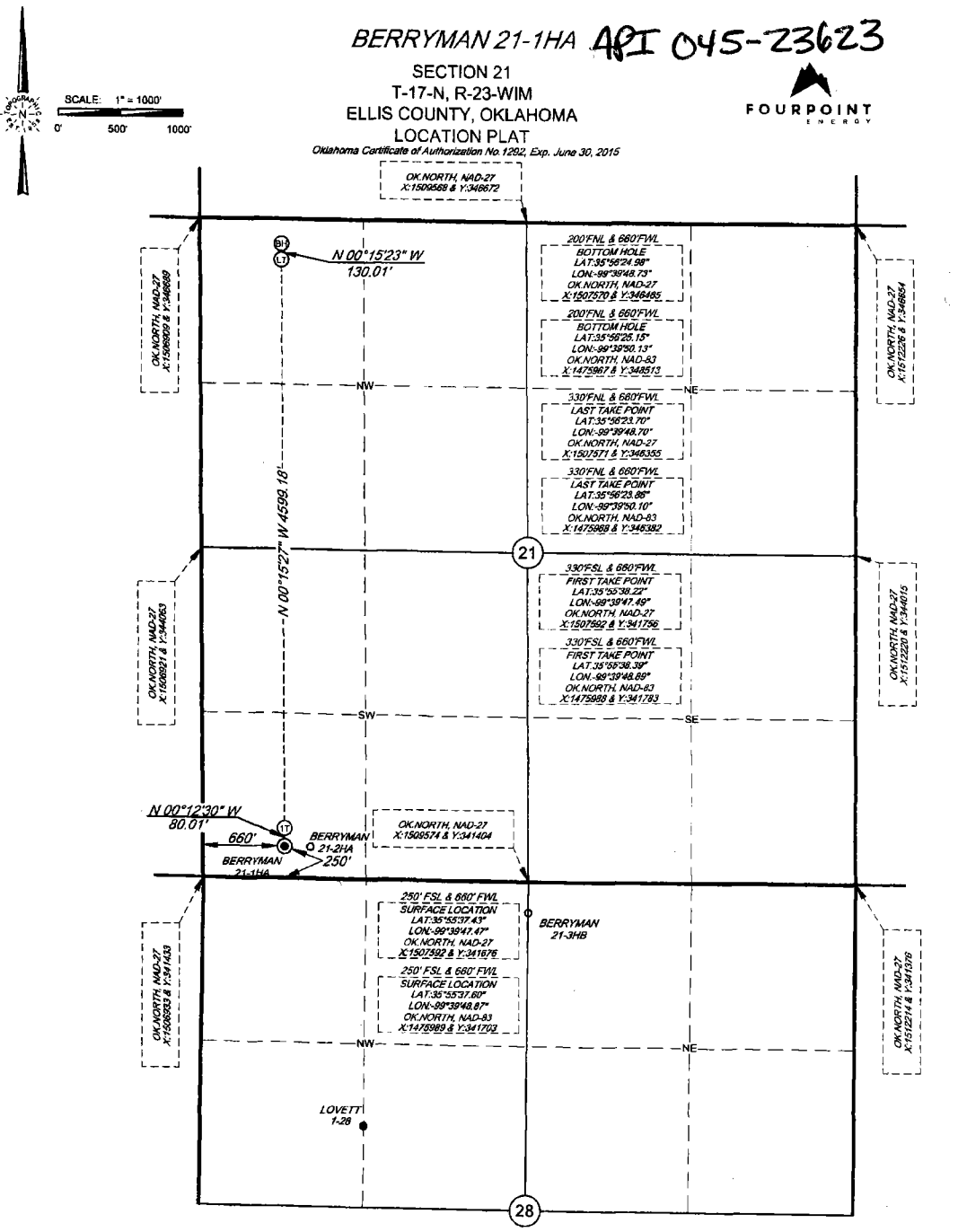
8/25/2016 - G75 - (640)(HOR) 21-17N-23W
EST CLVD, OTHERS
POE TO BHL NCT 660' FB

BERRYMAN 21-1HA API 045-23623

SECTION 21
T-17-N, R-23-WIM
ELLIS COUNTY, OKLAHOMA
LOCATION PLAT



Oklahoma Certificate of Authorization No. 1292, Exp. June 30, 2015



LEGEND

- = PREVIOUSLY PLATTED WELL
- = EXISTING WELL
- ⊙ = PROPOSED WELL
- ⊕ = PENETRATION POINT
- ⊖ = TERMINUS POINT
- ⊗ = BOTTOM HOLE LOC.
- ⊘ = SECTION CORNER

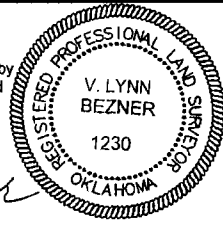
Footages: 250' FSL & 660' FWL Elevation: 2343' GR.
 Topography & Vegetation: PASTURE
 Reference or Alternate Stakes Set: NONE SET
 Best Accessibility to Location: FROM EXISTING WELL TO THE SOUTH
 Distance & Direction: ±21 MILES SOUTHEAST OF ARNETT, OKLAHOMA

NOTE: BEARINGS AND DISTANCES ARE NAD-27 GRID OK NORTH ZONE AND WERE DETERMINED BY GPS OBSERVATION
 ORIGINAL DOCUMENT SIZE: 14" X 8.5"

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
2225 PERRYTON PARKWAY • PAMPA, TEXAS 79066
TELEPHONE: (806) 665-7218 • FAX (806) 665-7210
TEXAS FIRM REGISTRATION NO. 10042502
WWW.TOPOGRAPHIC.COM

This plat DOES NOT represent a true Boundary Survey. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.

CERTIFICATE
I, V. Lynn Bezner, a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown.



V. Lynn Bezner
V. Lynn Bezner, R.L.S. No. 1230

FOURPOINT ENERGY, LLC	
DATE: NOVEMBER 7, 2014	REVISION:
FILE: LO_BERRYMAN_21_1HA_REV4	CE 12-16-14
DRAWN BY: COLE ENGLE	KY 1-21-15

REV 1: MOVED WELL REV 2: RESTAKE REV 3: RESTAKE REV 4: ADDED DRILL PATH