

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

API NUMBER: 039 22553

Approval Date: 08/31/2018

Expiration Date: 02/28/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 14N Rge: 14W

County: CUSTER

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 270 1500

Lease Name: FRYMIRE

Well No: 1-18H

Well will be 270 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY

Telephone: 9184937700; 9184937

OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY
PO BOX 702500
TULSA, OK 74170-2500

ROBERT FRYMIRE
9173 HWY. 54
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	RED FORK	10908	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 681214

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804354
201804355

Special Orders:

Total Depth: 15560

Ground Elevation: 1671

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 25000 Average: 10000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35234

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 18 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: E2 NW NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 860

Depth of Deviation: 10345

Radius of Turn: 382

Direction: 5

Total Length: 4615

Measured Total Depth: 15560

True Vertical Depth: 10975

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

8/24/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

8/24/2018 - 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; 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

8/24/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201804354

8/31/2018 - G75 - (I.O.) 18-14N-14W
X681214 RDFK
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 660' FEL
NO OP. NAMED
REC 6-29-2018 (JOHNSON)

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

039 22553 FRYMIRE 1-18H

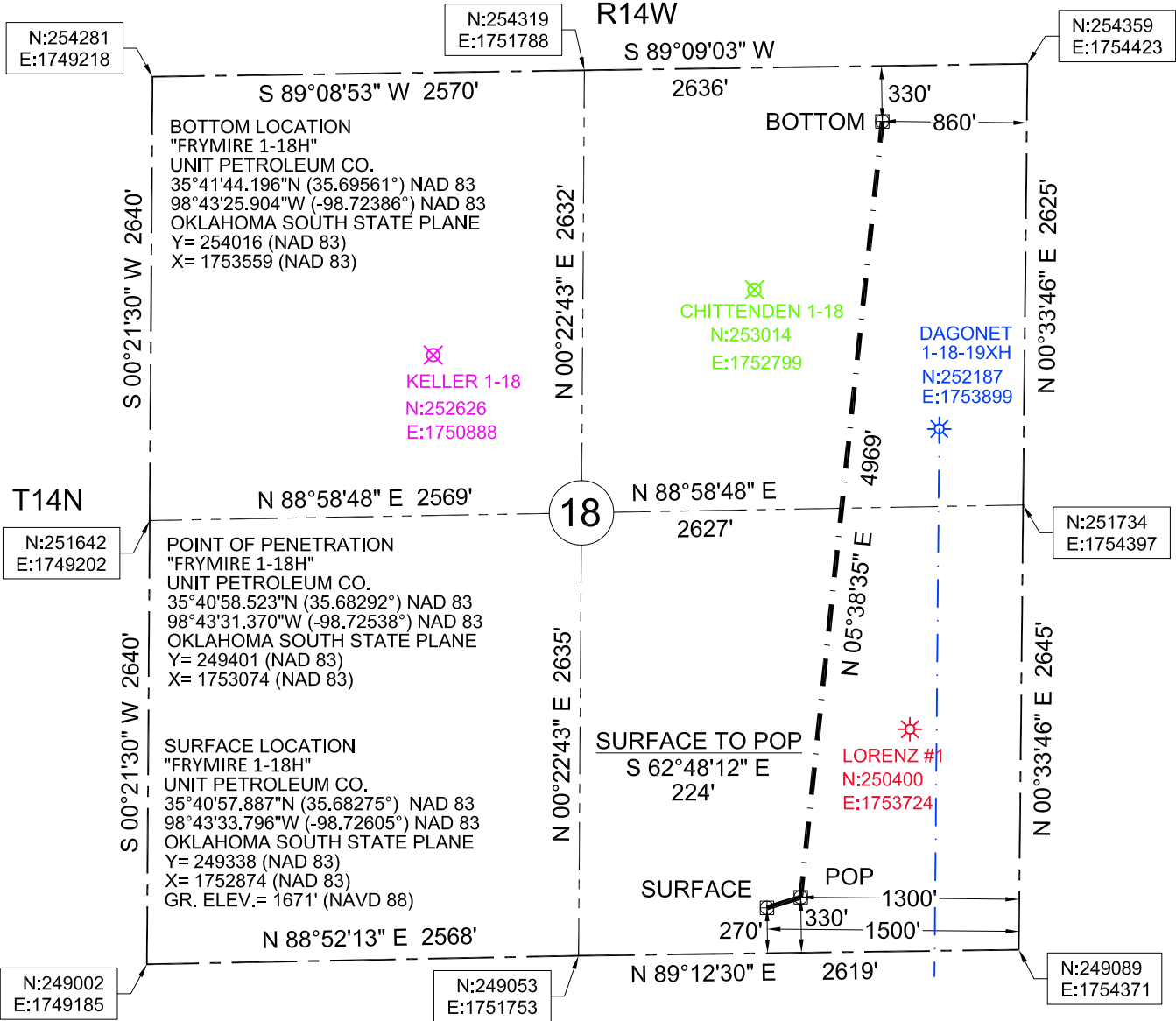
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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 - 201804355	8/31/2018 - G75 - (I.O.) 18-14N-14W X165:10-3-28(C)(2)(B) RDFK (FRYMIRE 1-18H) MAY BE CLOSER THAN 600' TO LORENZ 1-18 (API 039-20309) UNIT PETRO. CO. REC 6-29-2018 (JOHNSON)
SPACING - 681214	8/31/2018 - G75 - (640)(HOR) 18-14N-14W EST RDFK COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 156706/164101 RDFK)
SURFACE CASING	8/24/2018 - G71 - MIN. 500' PER ORDER # 42589

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.

Sections 18, T 14 N, R 14 W.I.M.,
Custer County, Oklahoma.



Surface Hole Location

"Frymire 1-18H" situated 270 feet from the south section line and 1500 feet from the east section line of Section 18, T 14 N, R 14 W.I.M., Custer County, Oklahoma.

Point of Penetration

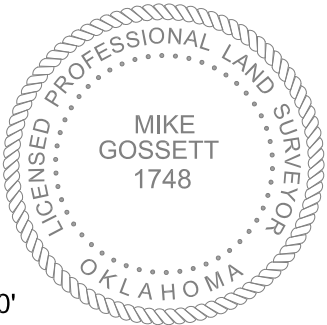
"Frymire 1-18H" situated 330 feet from the south section line and 1300 feet from the east section line of Section 18, T 14 N, R 14 W.I.M., Custer County, Oklahoma.

Bottom Location

"Frymire 1-18H" situated 330 feet from the north section line and 860 feet from the east section line of Section 18, T 14 N, R 14 W.I.M., Custer County, Oklahoma.

Datum: NAD 83
Units: US Survey Feet
North: Grid
Coordinates: State Plane
Zone: 3501
State: Oklahoma
Region: North

LEGEND	
	PLUGGED WELL
	EXISTING WELL
	SECTION LINE
	1/4 SECTION LINE
	PROPOSED LATERAL
	EXISTING LATERAL



580-334-6757
ON POINT
Land Survey
P.O. BOX 1093
WOODWARD, OKLAHOMA 73802
OKLA. CA #7719, EXP. 06/30/2019

- SURVEY NOTES**
1. EXISTING WELL COORDINATES ARE FROM THE OCC WEB SITE AND WERE NOT FIELD LOCATED.
 2. UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE IN THE FIELD.
 3. THIS SURVEY IS FOR A WELL LOCATION EXHIBIT ONLY. NOT TO BE USED AS A BOUNDARY SURVEY.
 4. DATE OF LAST SITE VISIT: 05-03-2018

REVISIONS: 08-03-2018	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
CHANGED EXISTING WELL NAME	C.M.G.	093-18	05-14-2018	1"=1000'	1 OF 4
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com					