

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

API NUMBER: 045 23785 A

Approval Date: 03/07/2019

Expiration Date: 09/07/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: OCC CORRECTION: CHANGED SURFACE
CASING DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 18N Rge: 23W County: ELLIS
SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 513 1300

Lease Name: ARMIN 3X10-17-23 Well No: 1HA Well will be 513 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

SHREWDER TRUST AB
100 NORTH MAIN STREET, STE 400
WICHITA KS 67202

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

Name	Depth	Name	Depth
1 SKINNER	10047	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 483687

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810479
201810480
201810481

Special Orders:

Total Depth: 20722 Ground Elevation: 2376 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 490

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: 19-36214
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 10 Twp 17N Rge 23W County ELLIS

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 440

Depth of Deviation: 9472

Radius of Turn: 573

Direction: 185

Total Length: 10350

Measured Total Depth: 20722

True Vertical Depth: 10372

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

3/8/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

2/13/2019 - 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: 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

2/13/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201810479

3/7/2019 - GB1 - (640) 10-17N-23W
EXT 483687 SKNR, OTHERS
REC. 1/28/2019 (JOHNSON)

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

045 23785 ARMIN 3X10-17-23 1HA

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 - 201810480	3/7/2019 - GB1 - (I.O.) 3 & 10-17N-23W X483687 SKNR 3-17N-23W X201810479 SKNR 10-17N-23W 50% 3-17N-23W 50% 10-17N-23W NO OP. NAMED REC. 1/28/2019 (JOHNSON)
PENDING CD - 201810481	3/7/2019 - GB1 - (I.O.) 3 & 10-17N-23W X483687 SKNR 3-17N-23W X201810479 SKNR 10-17N-23W COMPL. INT. (3-17N-23W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL COMPL. INT. (10-17N-23W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL NO OP. NAMED REC. 1/28/2019 (JOHNSON)
SPACING - 483687	3/7/2019 - GB1 - (640) 3-17N-23W EXT 478097 SKNR, OTHERS