

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

API NUMBER: 045 23747

Approval Date: 06/25/2018

Expiration Date: 12/25/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 19N Rge: 26W

County: ELLIS

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 300 2200

Lease Name: KNOWLES 25X36-19-26

Well No: 2HB

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

KENNETH K. KNOWLES REVOCABLE TRUST
179228 EAST CR 63
ARNETT OK 73832

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

	Name	Depth	Name	Depth
1	CLEVELAND	9118	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 100596

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803416
201803413
201803411
201803412

Special Orders:

Total Depth: 19800

Ground Elevation: 2511

Surface Casing: 890

Depth to base of Treatable Water-Bearing FM: 690

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)
H. SEE MEMO

PERMIT NO: 18-34635

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 36 Twp 19N Rge 26W County ELLIS

Spot Location of End Point: SE SW SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1880

Depth of Deviation: 8879

Radius of Turn: 382

Direction: 182

Total Length: 10320

Measured Total Depth: 19800

True Vertical Depth: 9500

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

Notes:

Category

Description

HYDRAULIC FRACTURING

6/8/2018 - 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

6/8/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201803411

6/25/2018 - G57 - 25-19N-26W
X100596 CLVD
3 WELLS
NO OP. NAMED
REC 5-29-2018 (FOREMAN)

PENDING CD - 201803412

6/25/2018 - G57 - 36-19N-26W
X100596 CLVD
3 WELLS
NO OP. NAMED
REC 5-29-2018 (FOREMAN)

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

045 23747 KNOWLES 25X36-19-26 2HB

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

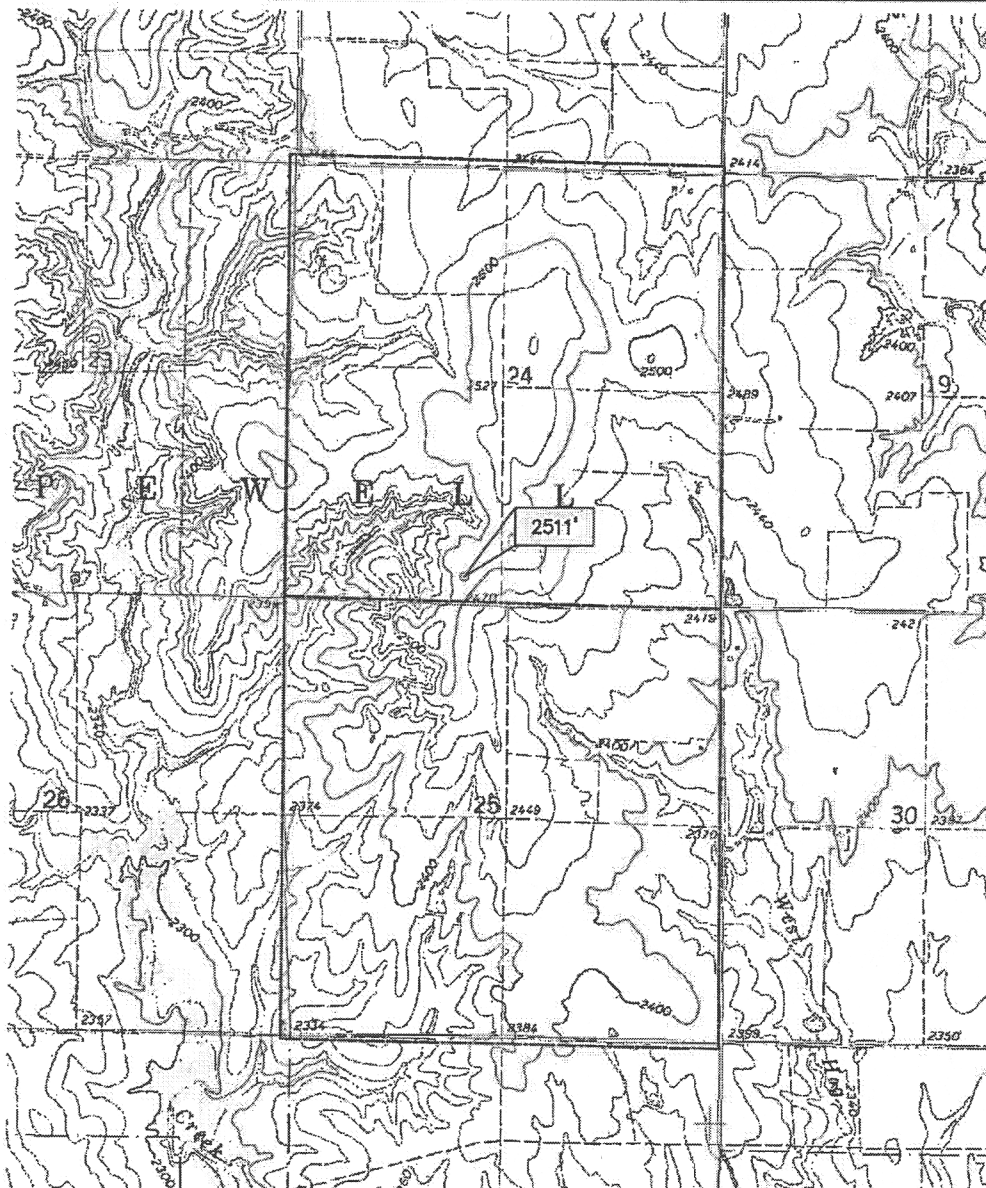
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201803413	6/25/2018 - G57 - (I.O.) 25 & 36-19N-26W EST MULTIUNIT HORIZONTAL WELL X100596 CLVD 50% 25-19N-26W 50% 36-19N-26W NO OP. NAMED REC 5-29-2018 (FOREMAN)
PENDING CD - 201803416	6/25/2018 - G57 - (I.O.) 25 & 36-19N-26W X100596 CLVD COMPL. INT. (25-19N-26W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (36-19N-26W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL NO OP. NAMED REC 5-29-2018 (FOREMAN)
SPACING - 100596	6/25/2018 - G57 - (640) 25 & 36-19N-26W EXT OTHERS EST CLVD, OTHERS



ELEVATION VERIFICATION

COMPANY FOURPOINT ENERGY, LLC LEASE KNOWLES 25X36-19-26 WELL NO. 2HB
 SECTION 24 TOWNSHIP 19-N RANGE 26-W LOCATION 300' FSL 2200' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°06'05.08" LONGITUDE -99°55'38.08" NAD27 ELEVATION 2511' NGVD29 DATE STAKED 1/10/18
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 9.0 MILES SOUTHWEST OF ARNETT, OKLAHOMA



Scale 1" = 2000'



LAND SURVEYING • GIS
 BEYONDMAPPING.COM
 105 HACKBERRY TRAIL • CANADIAN, TX 79014
 (806) 323-9773 • TEXAS FIRM NO. 10010400
 CERT. OF AUTH. NO. 7795, EXP. JUNE 30, 2018



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

KNOWLES 25X36-19-26 #2HB

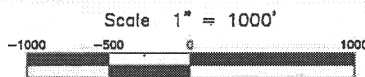
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DATE:	2/2/18
CHECKED:	MLS
SHEET:	2 OF 4

REVISION:

JOB NO. C217-434-2

AERIAL PLAT

COMPANY FOURPOINT ENERGY, LLC LEASE KNOWLES 25X36-19-26 WELL NO. 2HB
 SECTION 24 TOWNSHIP 19-N RANGE 26-WIM LOCATION 300' FSL 2200' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°06'05.08" LONGITUDE -99°55'38.08" NAD27 ELEVATION 2511' NGVD29 DATE STAKED 1/10/18
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 9.0 MILES SOUTHWEST OF ARNETT, OKLAHOMA



GDI
Geospatial Data, Inc.

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DRAWN: CM

DATE: 2/2/18

CHECKED: MLS

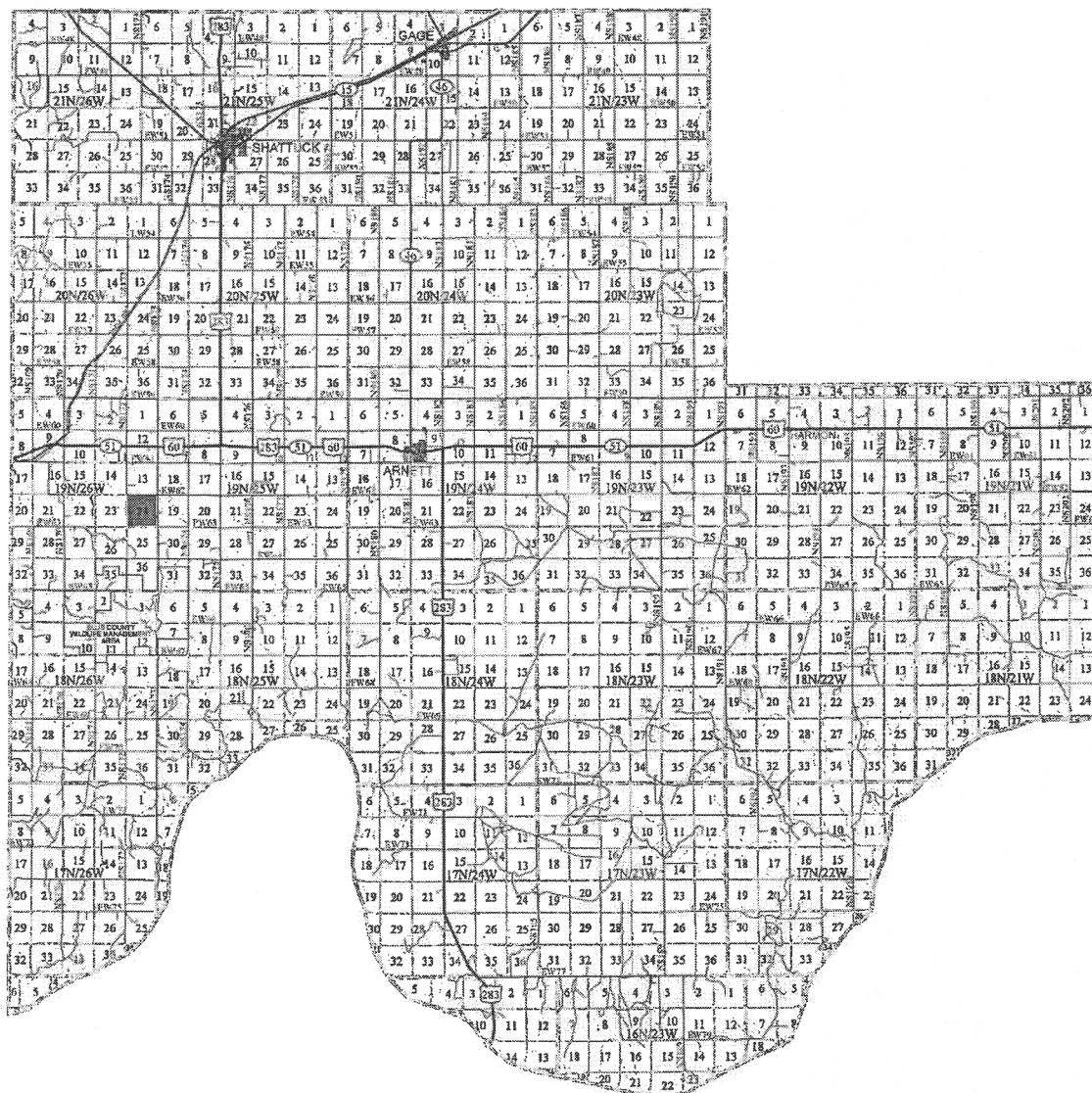
SHEET: 3 OF 4

REVISION:

JOB NO. C217-434-3

VICINITY MAP

COMPANY FOURPOINT ENERGY, LLC LEASE KNOWLES 25X36-19-26 WELL NO. 2HB
 SECTION 24 TOWNSHIP 19-N RANGE 26-WM LOCATION 300' FSL 2200' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°06'05.08" LONGITUDE -99°55'38.08" NAD27 ELEVATION 2511' NGVD29 DATE STAKED 1/10/18
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 9.0 MILES SOUTHWEST OF ARNETT, OKLAHOMA



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FOURPOINT
 ENERGY

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KNOWLES 25X36-19-26 #2HB

FIELD: KB,KV,GPS

DRAWN: CM

DATE: 2/2/18

CHECKED: MLS

SHEET: 4 OF 4

REVISION:

JOB NO. C217-434-4