

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

API NUMBER: 073 26614

Approval Date: 08/09/2019
Expiration Date: 02/09/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 18N Rge: 5W County: KINGFISHER
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 258 1519

Lease Name: BEOWULF 1805 Well No: 4-31MH Well will be 258 feet from nearest unit or lease boundary.
Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP Telephone: 2815300991 OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP
15021 KATY FREEWAY STE 400
HOUSTON, TX 77094-1900

STEPHEN POLLARD & JOHN POLLARD TRUSTEES
12335 N. 2920 ROAD
DOVER OK 73734

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	7404	6
2			7
3			8
4			9
5			10

Spacing Orders: 681182

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902881
201902882

Special Orders:

Total Depth: 12500

Ground Elevation: 1184

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 4000 Average: 1800

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36669

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 31 Twp 18N Rge 5W County KINGFISHER

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 740

Depth of Deviation: 6656

Radius of Turn: 573

Direction: 185

Total Length: 4944

Measured Total Depth: 12500

True Vertical Depth: 7404

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

Notes:

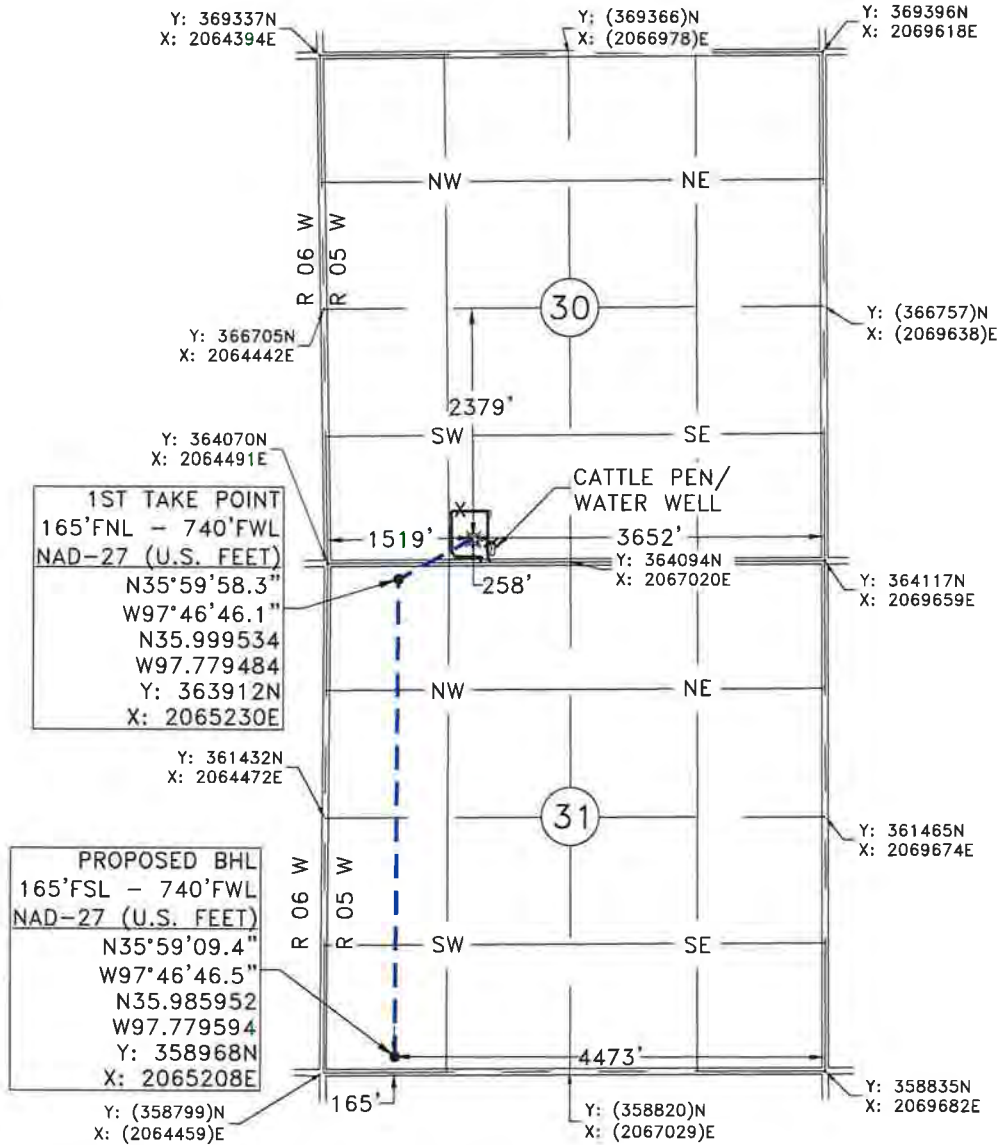
Category	Description
DEEP SURFACE CASING	5/31/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	5/30/2019 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT 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
PENDING CD - 201902881	6/12/2019 - G58 - 31-18N-5W X681182 MSSP 3 WELLS NO OP. NAMED REC. 8/5/2019 (THOMAS)
PENDING CD - 201902882	6/12/2019 - G58 - (I.O.) 31-18N-5W X681182 MSSP COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC. 8/5/2019 (THOMAS)
SPACING - 681182	6/12/2019 - G58 - (640)(HOR) 31-18N-5W EXT 627852 MSSP, OTHERS POE TO BHL NLT 660' FB (COEXIST SP. ORDER 68552 MSSLM NW4 & S2; COEXIST SP. ORDER 119269/371358 LINCOLN NORTH UNIT (MSSLM) NE4)

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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.

KINGFISHER County, Oklahoma
 258'FSL - 1519'FWL Section 30 Township 18N Range 05W I.M.

073-26614

BEARINGS ARE GRID
 OKLAHOMA SPC, NAD 27, NORTH ZONE



GPS OBSERVATION: LATITUDE: N36°00'02.6"
 LONGITUDE: W97°46'36.7"
 LATITUDE: N36.000710
 LONGITUDE: W97.776859

STATE PLANE NAD 27 Y: 364342N
 OKLAHOMA NORTH ZONE X: 2066005E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP

Date Staked: 5/11/2019

Lease Name: BEOWULF 1805

Well No.: 4-31MH

Elevation: 1184'

Topography and Vegetation: PASTURE

Good Drill Site? YES

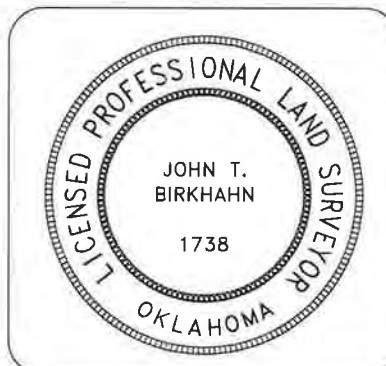
Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM DOVER, OK, HEAD NORTH 1.4 MILES ON US HWY. 81, THEN EAST 7.3 MILES ON CO. RD. E0700, TURN NORTH INTO LOCATION.

John T. Birkhahn 5-29-2019
 JOHN T. BIRKHAHN DATE
 OKLAHOMA P.L.S. NO.: 1738



Gateway
 Gateway Services Group, LLC
 PO. BOX 960
 MEEKER, OK 74855
 OFF. (405) 273-0954
 FAX (405) 273-0580
 C.A. NO. 4091 (LS)
 EXP. DATE 6-30-2020

EXHIBIT "A" PRELIMINARY

BEOWULF 1805 4-31MH
 258'FSL - 1519'FWL
 SECTION 30, T 18 N - R 05 W, I.M.,
 KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 6/25/18	CHK'D: CLC
GATEWAY NO.: 18-0448-501	SCALE: 1"=2000'	
PN:	AFE:	
REV. DWN.	DESCRIPTION	DATE
1	KEU ADDED WELL LOCATION	5/13/19

NOTE:
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.