

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

API NUMBER: 051 24285

Approval Date: 02/20/2018

Expiration Date: 08/20/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 10N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 2060

Lease Name: BERGIN

Well No: 3H-36

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: GAEDEKE OIL & GAS OPERATING LLC

Telephone: 2142733339

OTC/OCC Number: 22637 0

GAEDEKE OIL & GAS OPERATING LLC
3710 RAWLINS ST STE 1000
DALLAS, TX 75219-6409

WAYNE C BERGIN
1280 COUNTY ROAD 1190
TUTTLE OK 73089

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

Name	Depth	Name	Depth
1 WOODFORD	11125	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708565

Special Orders:

Total Depth: 16109

Ground Elevation: 1320

Surface Casing: 1200

Depth to base of Treatable Water-Bearing FM: 260

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: 3500 Average: 1000

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: 18-33777

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 36 Twp 10N Rge 7W County GRADY

Spot Location of End Point: N2 NE NW NE

Feet From: NORTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 1650

Depth of Deviation: 10529

Radius of Turn: 500

Direction: 5

Total Length: 4795

Measured Total Depth: 16109

True Vertical Depth: 11150

End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Category

Description

COMPLETION INTERVAL

2/20/2018 - G58 - WILL BE A LEGAL LOCATION NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL PER OPERATOR

DEEP SURFACE CASING

2/12/2018 - 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

2/12/2018 - 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: OCCWEB.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

2/12/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

051 24285 BERGIN 3H-36

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 - 201708565	2/20/2018 - G58 - (I.O.) 36-10N-7W X599336 WDFD 1 WELL NO OP. NAMED REC 1/16/2018 (MURER)
SPACING - 599336	2/20/2018 - G58 - (640)(HOR) 36-10N-7W VAC 318483 WDFD EST WDFD, OTHERS COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL

SECTION 36, T 10 N - R 7 W, I.M.,
GRADY COUNTY, OKLAHOMA

NE CORNER (NAD 27)
LAT: N35°18'18.39"
LONG: W97°52'57.42"
ELEV: 1283.1'

NW CORNER (NAD 27)
-LAT: (N35°18'18.31")
LONG : (W97°54'01.06")

NE COR. NW/4 (NAD 27)
LAT: (N35°18'18.34")
LONG : (W97°53'29.26")

SW COR. NW/4 (NAD 27)
LAT: N35°17'52.44"
LONG: W97°54'01.05"
ELEV: 1322.9'

DATUM: NAD 27
LAT.: N35°17'29"
LONG.: W97°53'22"
LAT.: N35.291337
LONG.: W97.889502
SPC (US FEET): OK-S
X: 2032978
Y: 712584

SW COR. SE/4 (NAD 27)
LAT: N35°17'26.34"
LONG: W97°53'29.20"
ELEV: 1321.9'

SW CORNER (NAD 27)
LAT: N35°17'26.32"
LONG: W97°54'01.04"
ELEV: 1334.6'

BOTTOM HOLE
85' FNL - 1650' FEL

NE COR. SE/4 (NAD 27)
LAT: N35°17'52.48"
LONG: W97°52'57.39"
ELEV: 1288.8'

SE CORNER (NAD 27)
LAT: N35°17'26.35"
LONG: W97°52'57.35"
ELEV: 1329.7'

Operator: GAEDEKE OIL AND GAS OPERATING, LLC Date Staked: 1/15/2018
Lease Name: BERGIN Well No.: 3H-36 Elevation: 1320.6'
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 THE JCT. OF US HWY. 81 & ST. HWY. 37, HEAD EAST 2.7 MILES ON ST. HWY. 37, THEN SOUTH 1.0 MILE ON CO. ST. 2860/ROBBINS RD., THEN EAST 0.5 MILES ON CLAYTON RD., THEN NORTH INTO LOCATION.









PRELIMINARY

FRED ANTHONY SELENSKY
OKLAHOMA L.P.L.S. NO.: 1860

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.

—LEGEND

SURFACE LOCATION 
 EXISTING WELL  BOTTOM HOLE/PENETRATION POINT 
 PROPOSED DRILL PATH 
 EXISTING PIPELINE 
 ELECTRIC LINE 
 OVERHEAD POWER 
 FENCE 

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 6-30-2018

EXHIBIT "A" PRELIMINARY

GAEDEKE OIL AND GAS OPERATING, LLC
BERGIN 3H-36
250' FSL - 2060' FEL
SECTION 36, T 10 N - R 7 W, 1.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: JPH		DATE: 1/19/18		CHK'D: CWP	
GATEWAY NO.: 18-0059-001R1				SCALE: 1"=1000'	
PAD#:		WELL#:			
REV.	DWN.	DESCRIPTION			DATE
1	CLC	SHL MOVE			02/09/18