

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

API NUMBER: 027 21502

Approval Date: 10/05/2020
Expiration Date: 04/05/2022

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 08 Township: 6N Range: 1W County: CLEVELAND

SPOT LOCATION: NW NE NW SW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 182 770

Lease Name: **BULLDOGS** Well No: **1-8D** Well will be **182** feet from nearest unit or lease boundary.
Operator Name: **OKLAND OIL COMPANY** Telephone: 8063233000 OTC/OCC Number: 7910 0

OKLAND OIL COMPANY
110 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-9022

ROSE KALINSKI
417 SUMMIT WAY
NORMAN OK 73071

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

Name	Code	Depth	Name	Code	Depth
1 HOGSHOOTER	405HGSR	5450	6 DORNICK HILLS UP	403DKHLU	6600
2 TRUE LAYTON	405LYTNT	5500	7 LOWER DORNICK HILLS	403DKHLL	6700
3 CHECKERBOARD	405CCKB	5850	8 HUNTON	269HNTN	6850
4 CLEVELAND	405CLVD	5880	9 VIOLA	202VIOL	7125
5 DEESE	404DEESS	6440	10 BROMIDE	202BRMD	7500

Spacing Orders: 694087 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders

Pending CD Numbers: 202001389 Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 7700 Ground Elevation: 1081 **Surface Casing: 900** Depth to base of Treatable Water-Bearing FM: 240

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 20-37415
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 5000 Average: 3000
Is depth to top of ground water greater than 10ft below base of pit? Y
Within 1 mile of municipal water well? Y
Wellhead Protection Area? Y
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

DIRECTIONAL HOLE 1

Section: 8 Township: 6N Range: 1W Meridian: IM
County: CLEVELAND
Spot Location of End Point: E2 E2 W2 NW
Feet From: **NORTH** 1/4 Section Line: 1320
Feet From: **WEST** 1/4 Section Line: 1120
Measured Total Depth: 7835
True Vertical Depth: 7700
End Point Location from Lease, Unit, or Property Line: 1120

NOTES:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

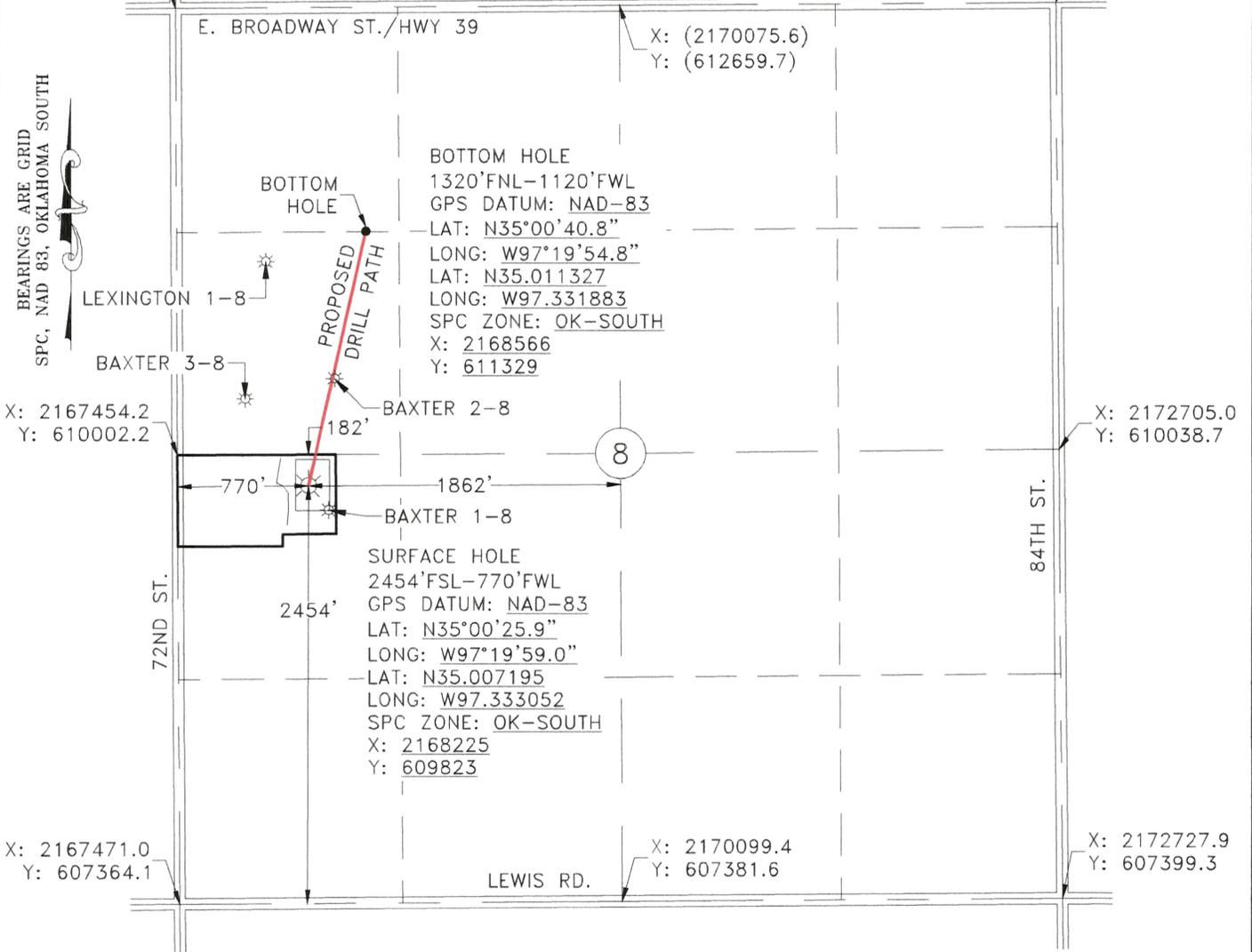
Category	Description
HYDRAULIC FRACTURING	[10/1/2020 - GC2] - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 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 - 202001389	[10/5/2020 - GC2] - (I.O.) W2 NW4 8-6N-1W X694087 HGSR, LYTNT, CCKB, CLVD, DEESS, DKHLU, DKHLL, HNTN, VIOL, BRMD COMPL. INT. NCT 330' FSL, NCT 330' FSL/FNL, NCT 330' FWL, NCT 120' FEL NO OP. NAMED REC. 9-22-2020 (P. PORTER)
PUBLIC WATER SUPPLY WELL	[10/1/2020 - GC2] - LEXINGTON - PWS/WPA, SE4 6-6N-1W LEXINGTON - PWS/WPA, SW4 5-6N-1W
SPACING - 694087	[10/5/2020 - GC2] - (80) W2 NW4 8-6N-1W SU VAC 141852 LYTNT, CLVD, HNTN, VIOL, OTHERS EXT 423006 HGSR, LYTNT, CCKB, CLVD, DEESS, DKHLU, DKHLL, HNTN, VIOL, BRMD
SURFACE CASING	[10/1/2020 - GC2] - FIELD RULE 13404 AS AMENDED BY 16266 AS AMENDED BY 54655

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SECTION 8, T 06 N - R 01 W, I.M.,
CLEVELAND COUNTY, OKLAHOMA

X: 2167436.9
Y: 612641.7

X: (2172682.8)
Y: (612677.6)



BOTTOM HOLE
1320' FNL - 1120' FWL
GPS DATUM: NAD-83
LAT: N35°00'40.8"
LONG: W97°19'54.8"
LAT: N35.011327
LONG: W97.331883
SPC ZONE: OK-SOUTH
X: 2168566
Y: 611329

SURFACE HOLE
2454' FSL - 770' FWL
GPS DATUM: NAD-83
LAT: N35°00'25.9"
LONG: W97°19'59.0"
LAT: N35.007195
LONG: W97.333052
SPC ZONE: OK-SOUTH
X: 2168225
Y: 609823

Operator: OKLAND OIL Date Staked: 9/23/20
Lease Name: BULLDOGS Well No.: 1-8D Elevation: 1081.0'
Topography and Vegetation: PASTURE
Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE
Best Accessibility to Location: FROM 72ND ST.
Distance and Direction from Hwy. Jct. or town: FROM THE INTERSECTION OF HWY 39 AND 72ND ST, IN LEXINGTON HEAD SOUTH APPROXIMATELY 1/2 MILE, THEN TURN EAST INTO WELL LOCATION.



Know what's below.
Call before you dig.

John T. Birkhahn 10-2-2020
JOHN T. BIRKHAHN DATE
OKLAHOMA L.P.L.S. NO.: 1738

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 BOTTOM HOLE/PENETRATION POINT
EXISTING WELL PROPOSED DRILL PATH
EXISTING PIPELINE -P1-P1-P1-P1-P1-P1-P1-
ELECTRIC LINE -E-E-E-E-E-E-E-E-
OVERHEAD POWER -OHP-OHP-OHP-OHP-OHP-
FENCE -X-X-X-X-X-X-X-X-



OKLAND OIL

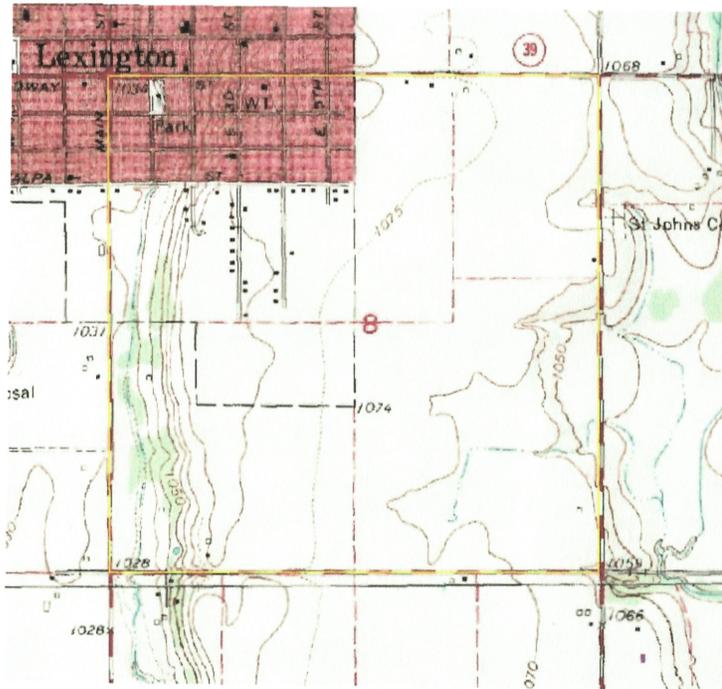
Gateway
Gateway Services Group, LLC
PO. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2022

EXHIBIT "A" PRELIMINARY
BULLDOGS 1-8D
2454' FSL - 770' FWL
SECTION 8, T 06 N - R 01 W, I.M.,
CLEVELAND COUNTY, OKLAHOMA

DRAWN BY: ALE	DATE: 9/24/20	CHK'D: CLC
GATEWAY NO.: 20-0152-002R1		SCALE: 1"=1000'
LINE NO.:	AFE:	
REV.	DWN.	DESCRIPTION
1	ALE	ADDED BOTTOM HOLE
		DATE
		10/2/20

SECTION 8, T 06 N - R 01 W, I.M.,
CLEVELAND COUNTY, OKLAHOMA

BEARINGS ARE GRID
SPC, NAD 83, OKLAHOMA SOUTH



SEC. 8 TWP. 06N RNG. 01W ABOVE BACKGROUND DATA FROM
 COUNTY CLEVELAND STATE OK U.S.G.S. TOPOGRAPHIC MAP
 OPERATOR OKLAND OIL SCALE: 1"=2000'
 DESCRIPTION 2454' FSL - 770' FWL, SW/4
 LEASE BULLDOGS 1-8D
 ELEVATION 1081.0' AT STAKE CONTOUR INTERVAL 10'
 U.S.G.S TOPOGRAPHIC

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LEGEND

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

OKLAND OIL

PO. BOX 960
 MEEKER, OK 74855
 OFF. (405) 273-0954
 FAX (405) 273-0580
 C.A. NO. 4091 (LS)
 EXP. DATE 6-30-2022

EXHIBIT "A" PRELIMINARY

BULLDOGS 1-8D
 2454' FSL - 770' FWL
 SECTION 8, T 06 N - R 01 W, I.M.,
 CLEVELAND COUNTY, OKLAHOMA

DRAWN BY: ALE		DATE: 9/24/20	CHK'D: CLC
GATEWAY NO.: 20-0152-003		SCALE: 1"=2000'	
LINE NO.:	AFF:		
REV.	DWN.	DESCRIPTION	DATE

SECTION 8, T 06 N - R 01 W, I.M.,
CLEVELAND COUNTY, OKLAHOMA

VICINITY MAP

BEARINGS ARE GRID
SPC, NAD 83, OKLAHOMA SOUTH



SEC. 8 TWP. 6N RNG. 1W
COUNTY CLEVELAND STATE OK
OPERATOR OKLAND OIL

SCALE: 1"=1 MILE

OKLAND OIL



PO. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2022

Gateway Services Group, LLC



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EXHIBIT "A" PRELIMINARY

BULLDOGS 1-80
2454' FSL - 770' FWL
SECTION 8, T 06 N - R 01 W, I.M.,
CLEVELAND COUNTY, OKLAHOMA

DRAWN BY: ALE	DATE: 9/24/20	CHK'D: CLC
GATEWAY NO.: 20-0152-004		SCALE: 1"=1 MILE
LINE NO.:	AFE:	
REV.	DWN.	DESCRIPTION
		DATE

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LEGEND

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