

API NUMBER: 027 21504

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)Approval Date: 12/08/2021
Expiration Date: 06/08/2023

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 01 Township: 9N Range: 2W County: CLEVELAND

SPOT LOCATION: SE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 600 600Lease Name: LR RANCH Well No: 1-2ER Well will be 600 feet from nearest unit or lease boundary.
Operator Name: GULF EXPLORATION LLC Telephone: 4058403371 OTC/OCC Number: 20983 0GULF EXPLORATION LLC
9701 N BROADWAY EXT
OKLAHOMA CITY, OK 73114-6316LR RANCH OPERATING COMPANY LP
5301 48TH AVE NE
NORMAN OK 73026

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

	Name	Code	Depth
1	CLEVELAND	405CLVD	5785
2	OSWEGO	404OSWG	6350
3	PRUE	404PRUE	6360
4	SKINNER	404SKNR	6525
5	RED FORK	404RDFK	6540

	Name	Code	Depth
6	BARTLESVILLE	404BRVL	6550
7	PENN BASAL (BASAL PENN UNC)	401BPBPU	6630
8	HUNTON	269HNTN	6660
9	VIOLA	202VIOL	6980

Spacing Orders: 719764

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 7600

Ground Elevation: 1112

Surface Casing: 1130

Depth to base of Treatable Water-Bearing FM: 1080

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 21-38002

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED - LITTLE RIVER)

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: BED AQUIFER

Pit Location Formation: GARBER

DIRECTIONAL HOLE 1Section: 2 Township: 9N Range: 2W Meridian: IM
County: CLEVELAND

Measured Total Depth: 7600

Spot Location of End Point: NW NW SE NE

True Vertical Depth: 7291

Feet From: NORTH 1/4 Section Line: 1340

Feet From: EAST 1/4 Section Line: 1309

End Point Location from
Lease, Unit, or Property Line: 1300**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
COMPLETION INTERVAL	[12/8/2021 - G56] - COMPLETION INTERVAL WILL NOT BE CLOSER THAN 660' FB PER OPERATOR;
HYDRAULIC FRACTURING	<p>[12/7/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
PUBLIC WATER SUPPLY	[12/7/2021 - GC2] - ROBIN HILL SCHOOL, NW/4 1-9N-2W
SPACING - 719764	<p>[12/8/2021 - G56] - (160) NE4 2-9N-2W</p> <p>VAC OTHER</p> <p>EST OTHER</p> <p>EXT 423932 CLVD, OSWG, PRUE, SKNR, RDFK, BRVL, BPBPU, HNTN, VIOL, OTHERS</p>
SURFACE CASING	[12/7/2021 - GC2] - NO DEEP SURFACE CASING DUE TO PUBLIC WATER SUPPLY BOUNDARY

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Well Location Plat

M & M Land Surveying, Inc.

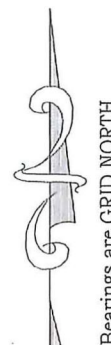
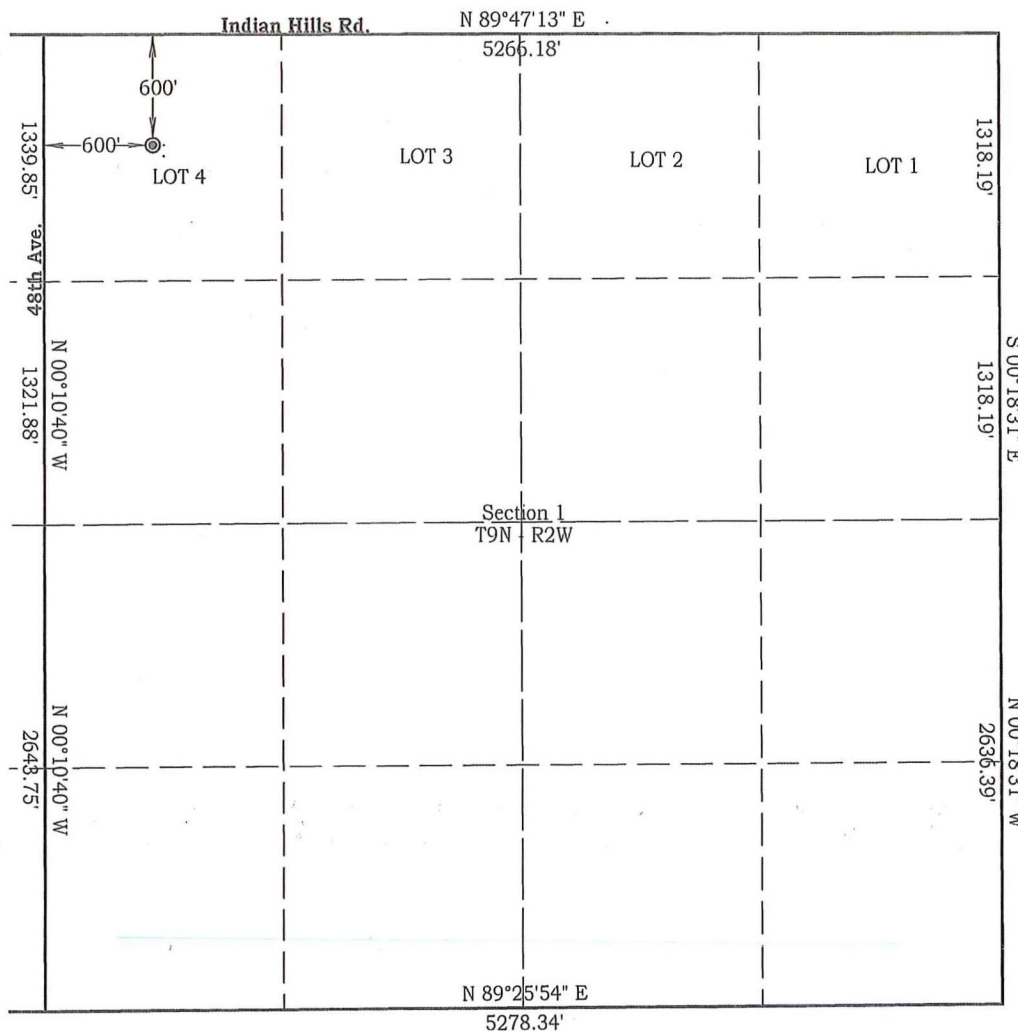
520 "E" Street NW. Ardmore, OK. 73401

Office 580-226-0446 Mobile 580-221-4999

Company Name: Gulf Exploration, LLC Lease Name: L R Ranch #1-2ER
Section 1 Township 9 North Range 2 West County Cleveland Oklahoma
Surface Location 600' FNL - 600' FWL Elevation 1112' Good Location? Yes

Topography

Location fell in sloping
pasture with scattered
brush.



SCALE 1" = 1000'

Job # 21109

Date 11/16/2021

NAD 83 OK South

Surface Location

Latitude: 35.289120°

Longitude: 97.368711°

N= 712,368'

E=2,156,905'

NAD 27 OK South

Surface Location

Latitude: 35.289054°

Longitude: 97.368401°

N= 712,324'

E=2,188,502'

Best Accessibility to Location
From the West

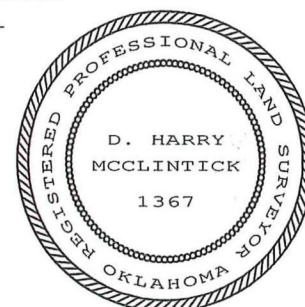
Distance & Direction From The intersection of Indian Hills Road and 48th Ave. is the Northwest Corner of
Section 1.
Highway or Town _____

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick 11/30/2021
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

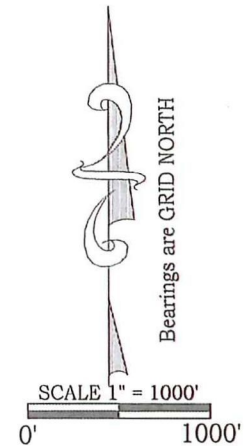
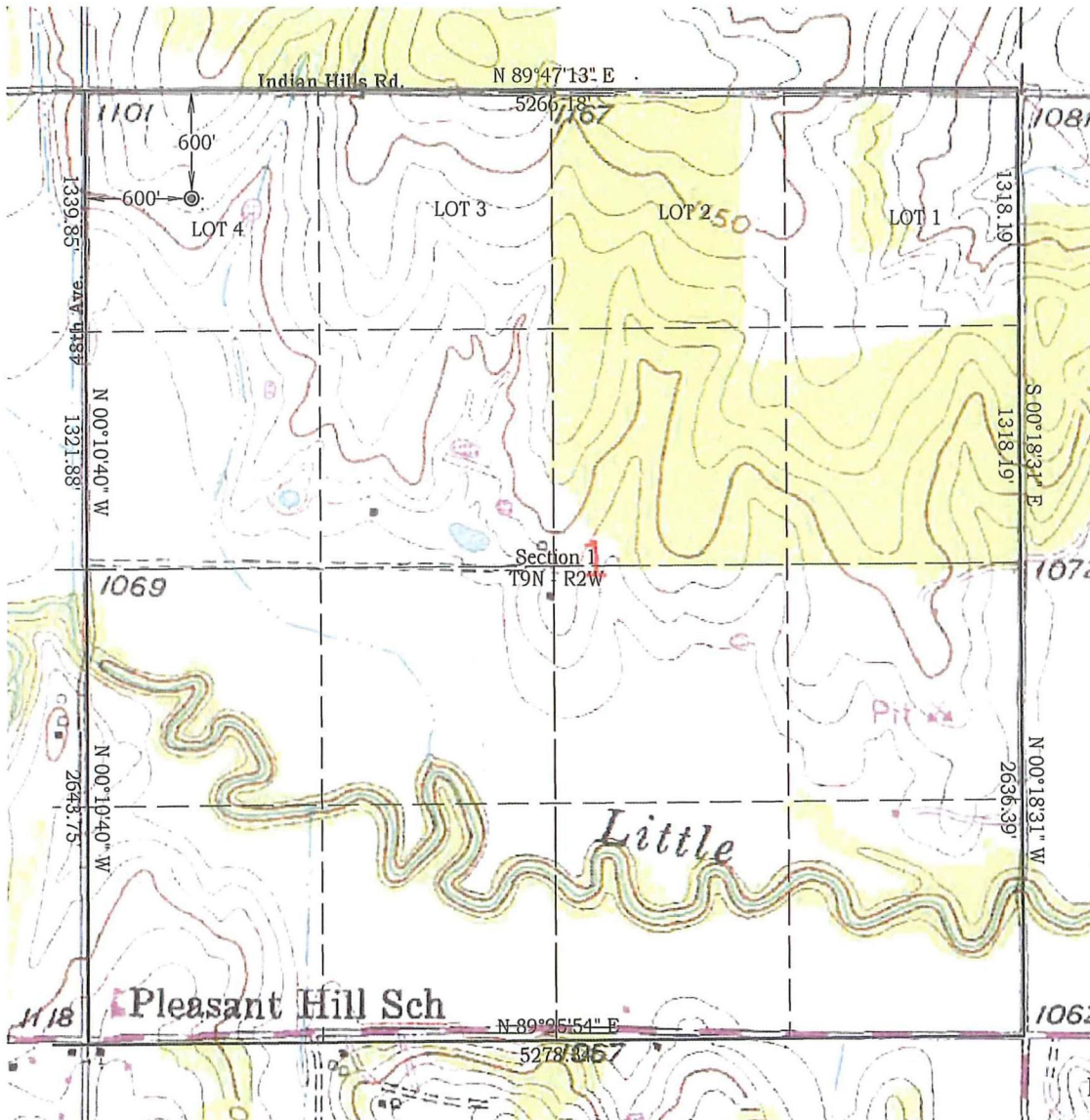
This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.



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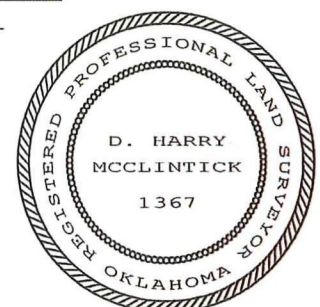
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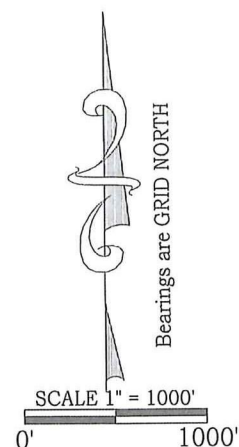
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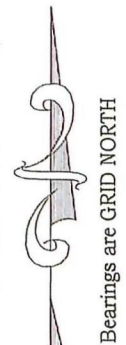
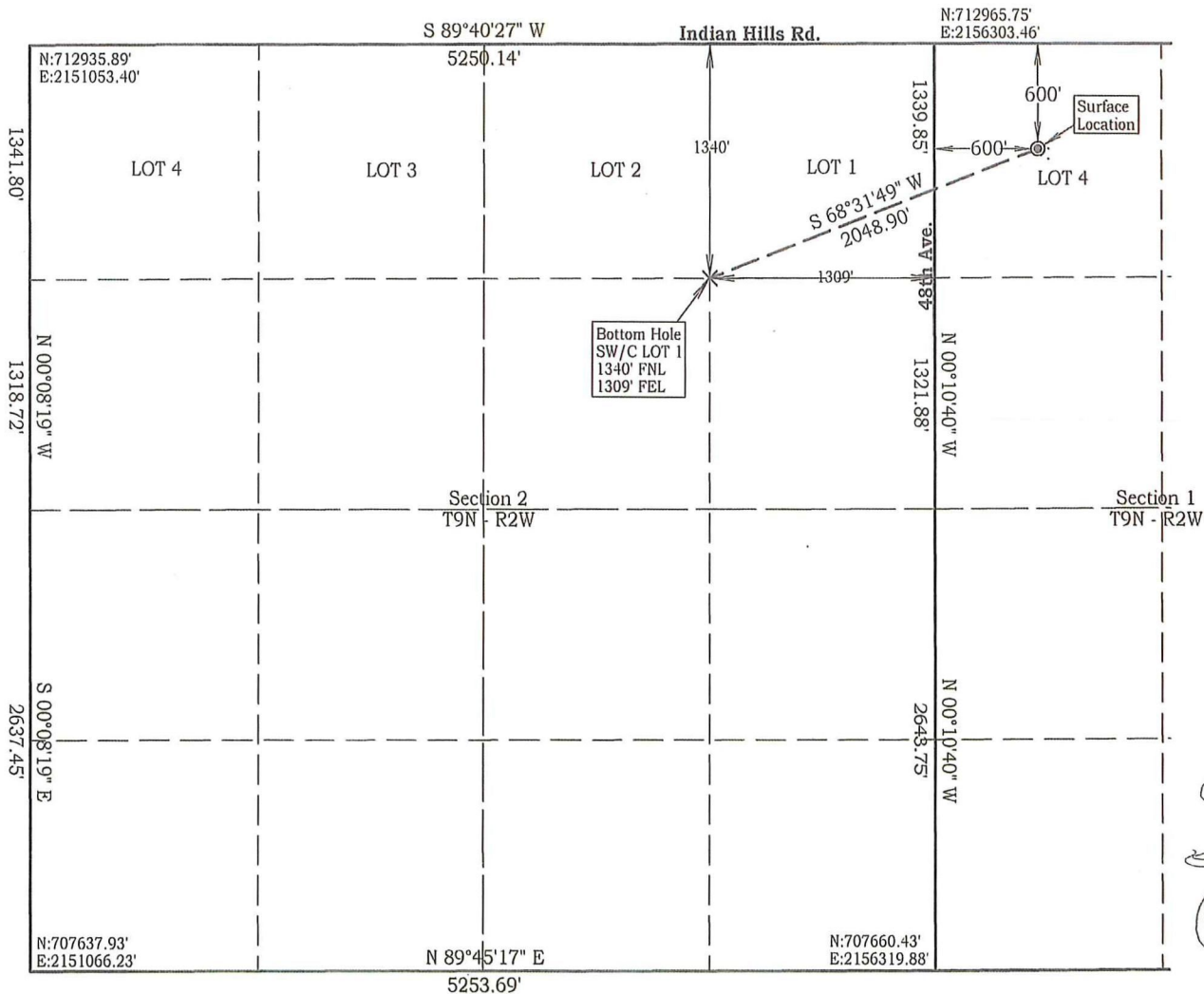


Permit Plat

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ALL SECTION CORNER COORDINATES ARE NAD 83

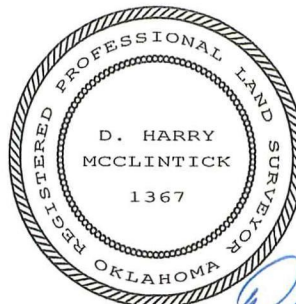


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Longitude: 97.368711°
N= 712,368'
E=2,156,905'
Bottom Hole
Latitude: 35.287092°
Longitude: 97.375115°
N= 711,618'
E=2,154,999'

NAD 27 OK South
Surface Location
Latitude: 35.289054°
Longitude: 97.368401°
N= 712,324'
E=2,188,502'
Bottom Hole
Latitude: 35.287026°
Longitude: 97.374805°
N= 711,574'
E=2,186,596'



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