

API NUMBER: 133 25367

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

Approval Date: 08/19/2021
Expiration Date: 02/19/2023

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 07 Township: 7N Range: 6E County: SEMINOLE

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 315 165

Lease Name: SULLINS Well No: 1-8 Well will be 1005 feet from nearest unit or lease boundary.
Operator Name: REACH OIL AND GAS COMPANY INC Telephone: 4052545779 OTC/OCC Number: 24558 0

REACH OIL AND GAS COMPANY INC
6301 WATERFORD BLVD STE 120
OKLAHOMA CITY, OK 73118-1100

SULLINS RANCH, LLC
35374 EW 1330 RD
MAUD OK 74854

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

	Name	Code	Depth
1	SENORA	404SNOR	3180
2	EARLSBORO	404ERLB	3340
3	BARTLESVILLE	404BRVL	3430
4	GILCREASE	403GLCR	3500
5	CROMWELL	402CMWL	3600

	Name	Code	Depth
6	HUNTON	269HNTN	4340
7	SIMPSON DOLOMITE	202SMPSD	4570
8	1ST WILCOX	202WLCX1	4610
9	2ND WILCOX	202WLCX2	4660

Spacing Orders: 719396

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: 4700

Ground Elevation: 922

Surface Casing: 930

Depth to base of Treatable Water-Bearing FM: 880

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37766
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: 8000 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: VANOSS

DIRECTIONAL HOLE 1

Section: 8 Township: 7N Range: 6E Meridian: 1M
County: SEMINOLE

Measured Total Depth: 4800

Spot Location of End Point: SW SW SW SW

True Vertical Depth: 4700

Feet From: SOUTH 1/4 Section Line: 56

End Point Location from

Feet From: WEST 1/4 Section Line: 298

Lease, Unit, or Property Line: 1264

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	<p>[8/17/2021 - 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>
SPACING - 719396	<p>[8/19/2021 - GC2] - (160)(IRR UNIT) SE4 SE4 7, SW4 SW4 8, NW4 NW4 17, NE4 NE4 18-7N-6E VAC 12715 WLCX SE4 SE4 7, SW4 SW4 8, NW4 NW4 17, NE4 NE4 18-7N-6E EST SNOR, ERLB, BRVL, GLC, CMWL, HNTN, SMPSD, WLCX1, WLCX2, OTHERS</p>



Well Location Plat

S.H.L. Sec. 7-7N-6E I.M.
B.H.L. Sec. 8-7N-6E I.M.

Operator: REACH OIL AND GAS COMPANY, INC.

Lease Name and No.: SULLIN #1-8

Surface Hole Location: 315' FSL - 165' FEL Gr. Elevation: 922'

SE/4-SE/4-SE/4-SE/4 Section: 7 Township: 7N Range: 6E I.M.

Bottom Hole Location: 56' FSL - 298' FWL

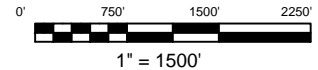
SW/4-SW/4-SW/4-SW/4 Section: 8 Township: 7N Range: 6E I.M.

County: Seminole State of Oklahoma

Terrain at Loc.: Location fell in open field.



All bearings shown
are grid bearings.



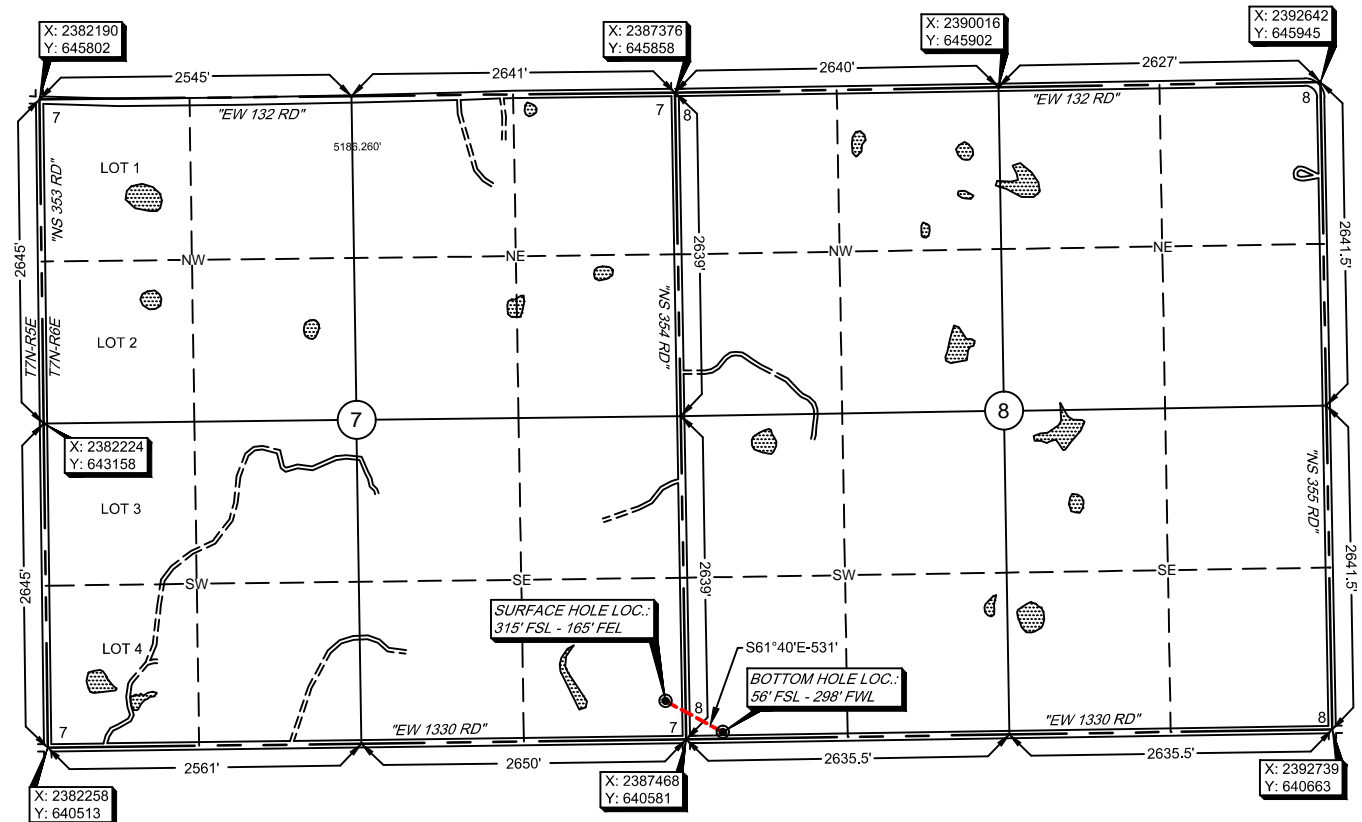
GPS DATUM
NAD 27
OK SOUTH ZONE

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Surface Hole Loc.:	Bottom Hole Loc.:
Lat: 35°05'15.36"N	Lat: 35°05'12.81"N
Lon: 96°42'19.57"W	Lon: 96°42'13.99"W
Lat: 35.08760085	Lat: 35.08689160
Lon: -96.70543724	Lon: -96.70388480
X: 2387298	X: 2387766
Y: 640894	Y: 640642



Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

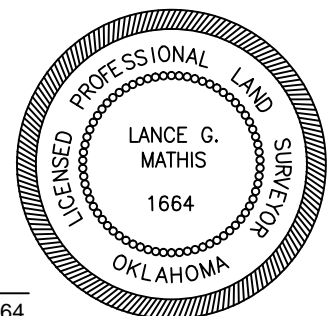
Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2022

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.



Invoice #9515

Date Staked: 08/03/2021 By: D.W.

Date Drawn: 08/10/2021 By: S.S.

Lance G. Mathis
LANCE G. MATHIS

08/11/2021

OK LPLS 1664



Well Location Plat

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B.H.L. Sec. 8-7N-6E I.M.

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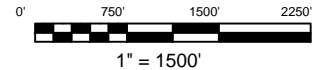
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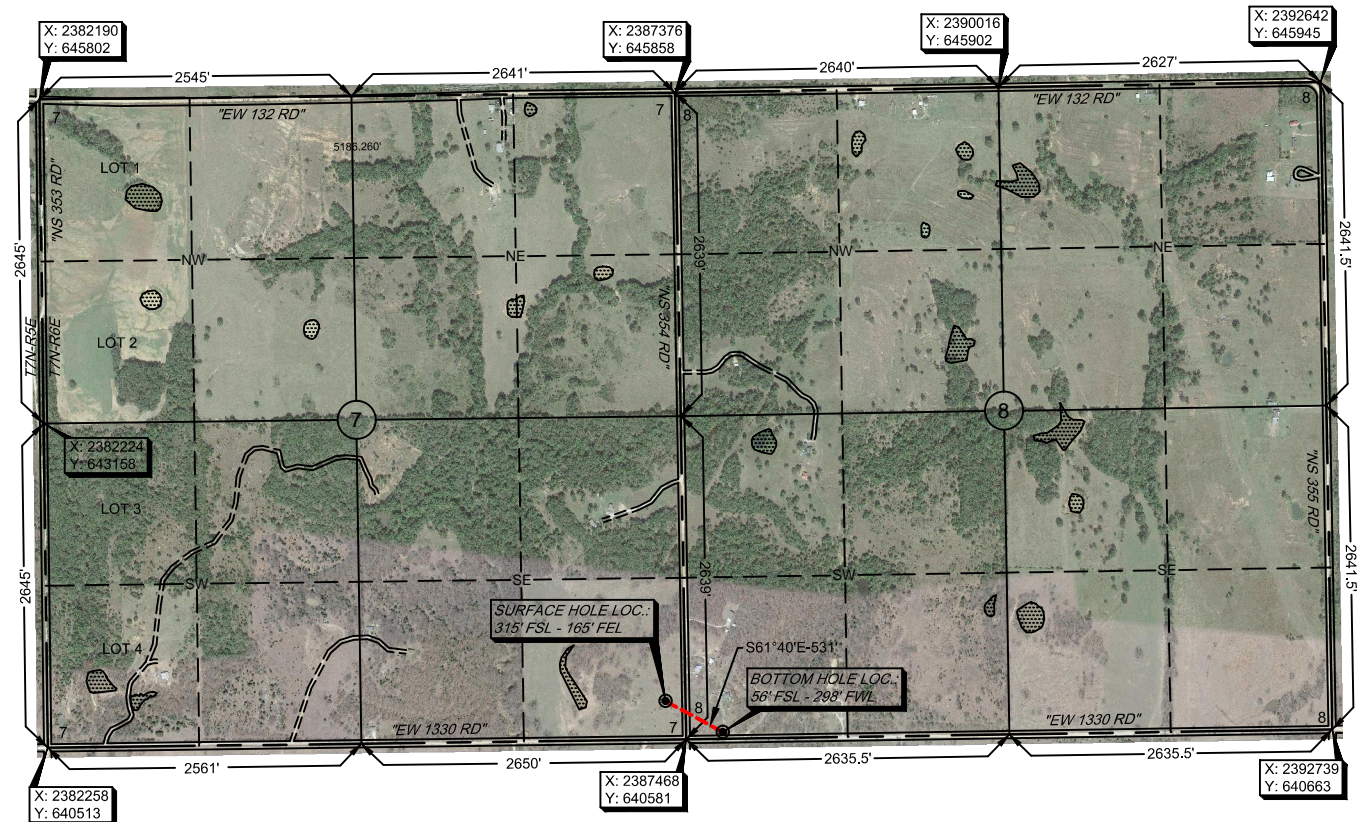
GPS DATUM
NAD 27
OK SOUTH ZONE

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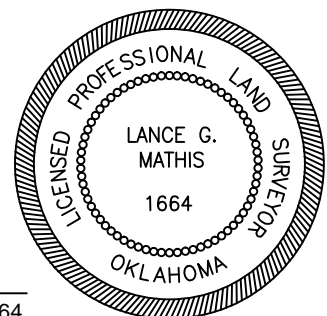
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08/11/2021

OK LPLS 1664



Topographic Vicinity Map



Operator: REACH OIL AND GAS COMPANY, INC.

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Sec. 7 Twp. 7N Rng. 6E I.M.

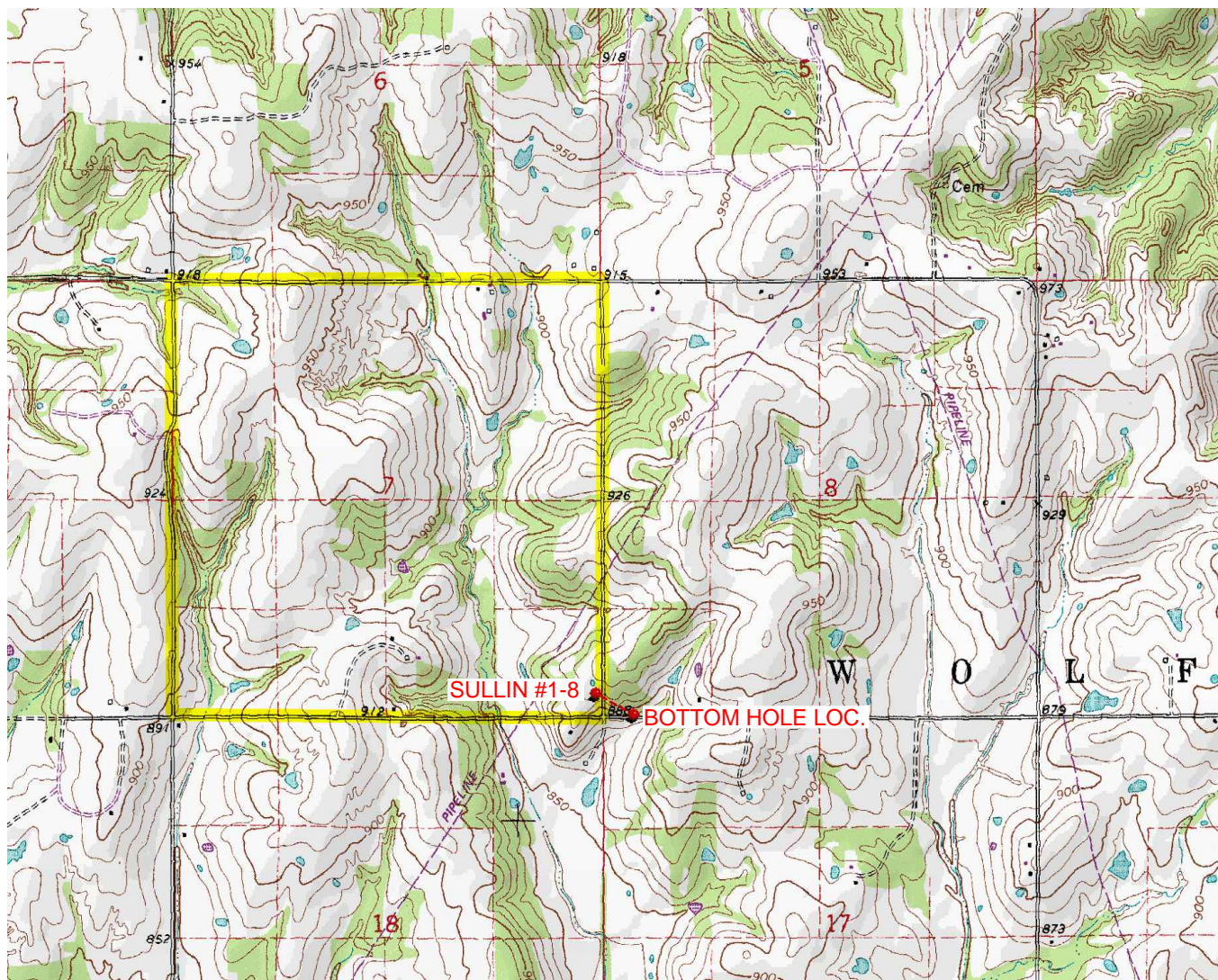
Bottom Hole Location: 56' FSL - 298' FWL

Sec. 8 Twp. 7N Rng. 6E I.M.

County: Seminole State of Oklahoma

Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 922'



Provided by:

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Date Staked: 08/06/2021

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

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County Highway Vicinity Map REACH

Job #: 9515

Operator: REACH OIL AND GAS COMPANY, INC.

Lease Name and No.: SULLIN #1-8

Accessibility: From the Northwest.

Directions: From Maud, OK, go 1.0 mile East on State Highway 59, 1.0 mile South on State Highway 9A, 2.0 miles East on "EW 1310 Rd.", 2.0 miles South on "NS 3530 Rd.", then 0.9 mile East on "EW 1330 Rd." to the location on your left.

1 inch = 0.75 mile

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