

API NUMBER: 133 25361

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

Approval Date: 03/10/2021
Expiration Date: 09/10/2022

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 12 Township: 7N Range: 5E County: SEMINOLE

SPOT LOCATION: C SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 330 2310

Lease Name: ORTIZ Well No: 1-12 Well will be 330 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

TIMOTHY ORTIZ
35267 EW 1330 RD
MAUD OK 74854

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

Name	Code	Depth	Name	Code	Depth
1 CALVIN	404CLVN	2800	6 HUNTON	269HNTN	4340
2 SENORA	404SNOR	3240	7 VIOLA	202VIOL	4420
3 EARLSBORO	404ERLB	3390	8 SIMPSON DOLOMITE	202SMPSD	4470
4 BARTLESVILLE	404BRVL	3550	9 1ST WILCOX	202WLCX1	4570
5 CROMWELL	402CMWL	3650	10 2ND WILCOX	202WLCX2	4620

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 4650

Ground Elevation: 901

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

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: 21-37536
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

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>[3/5/2021 - 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	[3/10/2021 - G56] - FORMATIONS UNSPACED; 40-ACRE LEASE (SW4 SE4)



Well Location Plat

Operator: REACH OIL AND GAS COMPANY, INC.

Lease Name and No.: ORTIZ #1-12

Surface Hole Location: 330' FSL - 2310' FEL Gr. Elevation: 901'

SE/4-SW/4-SW/4-SE/4 Section: 12 Township: 7N Range: 5E I.M.

County: Seminole State of Oklahoma

Terrain at Loc.: Location fell in an open pasture with a few trees near. Fell 305' N. and 320' E. of a fence, 362' E. of a transmission line and 325' N. of the N. edge of "EW 133 Rd."

Sec. 12-7N-5E I.M.



All bearings shown
are grid bearings.

0' 500' 1000' 1500'

$$1'' = 1000'$$

GPS DATUM

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'15.44"N
Lon: 96°43'48.07"W
Lat: 35.08762265
Lon: -96.73002048
X: 2379944
Y: 640809

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Please note that this location was set on the ground under the supervision of a licensed Professional Land Surveyor, and the accuracy of this survey is not guaranteed. Please contact Amana Surveying and Mapping promptly if any inaccuracy is determined. GPS data is obtained from RTK - GPRS. NOTE: X and a 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 hereon, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

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

Invoice #9284

Date Staked: 03/01/2021 By: D.W.

Date Drawn: 03/02/2021 By: J.K.

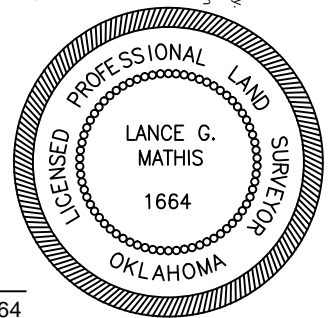
Certification:

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.


LANCE G. MATHIS

03/03/2021

OK LPLS 1664





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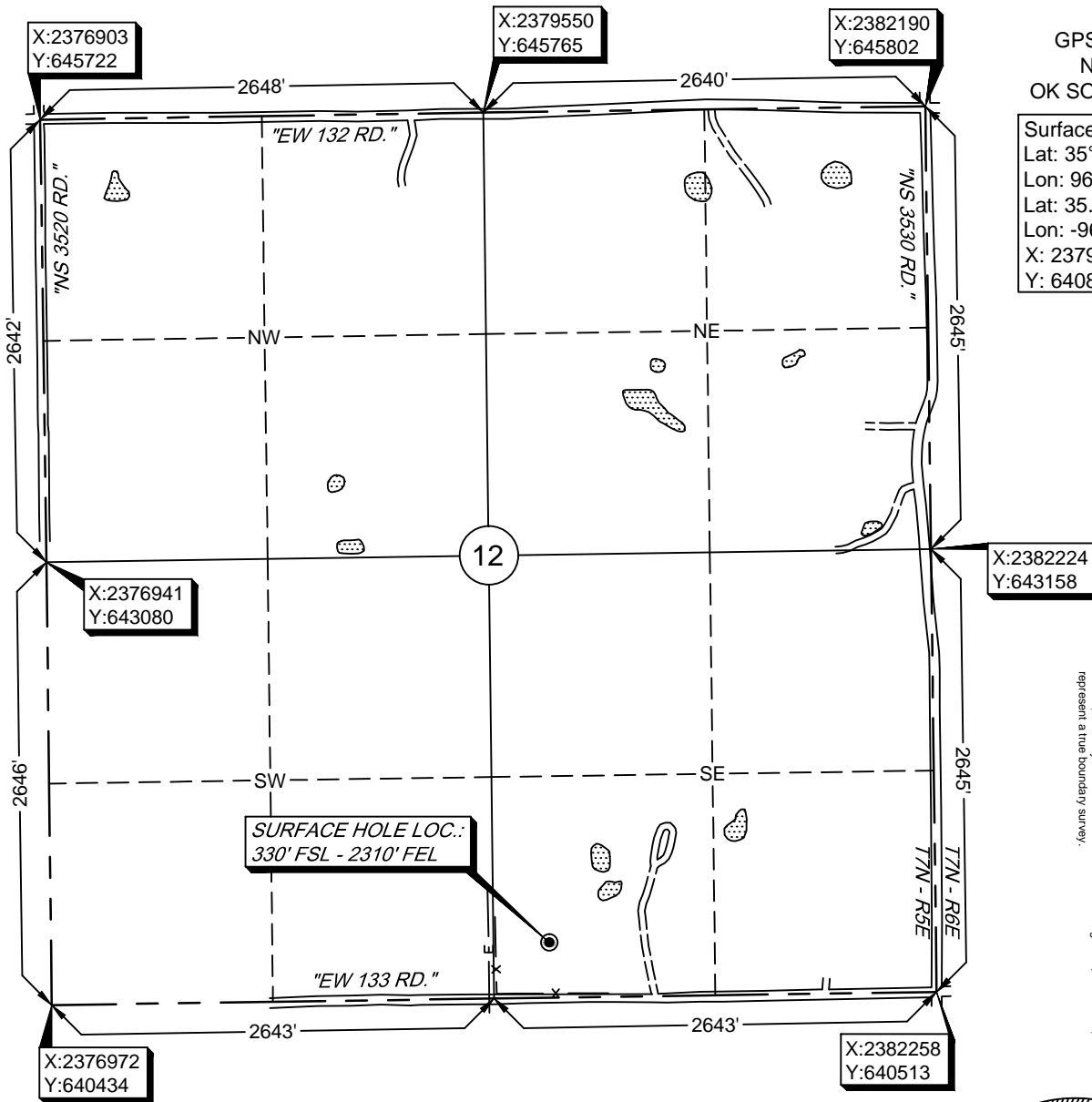

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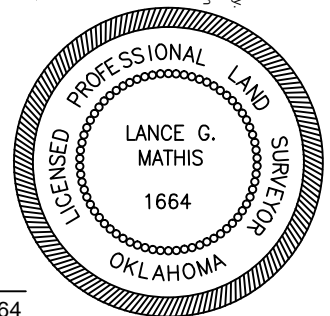
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Topographic Vicinity Map

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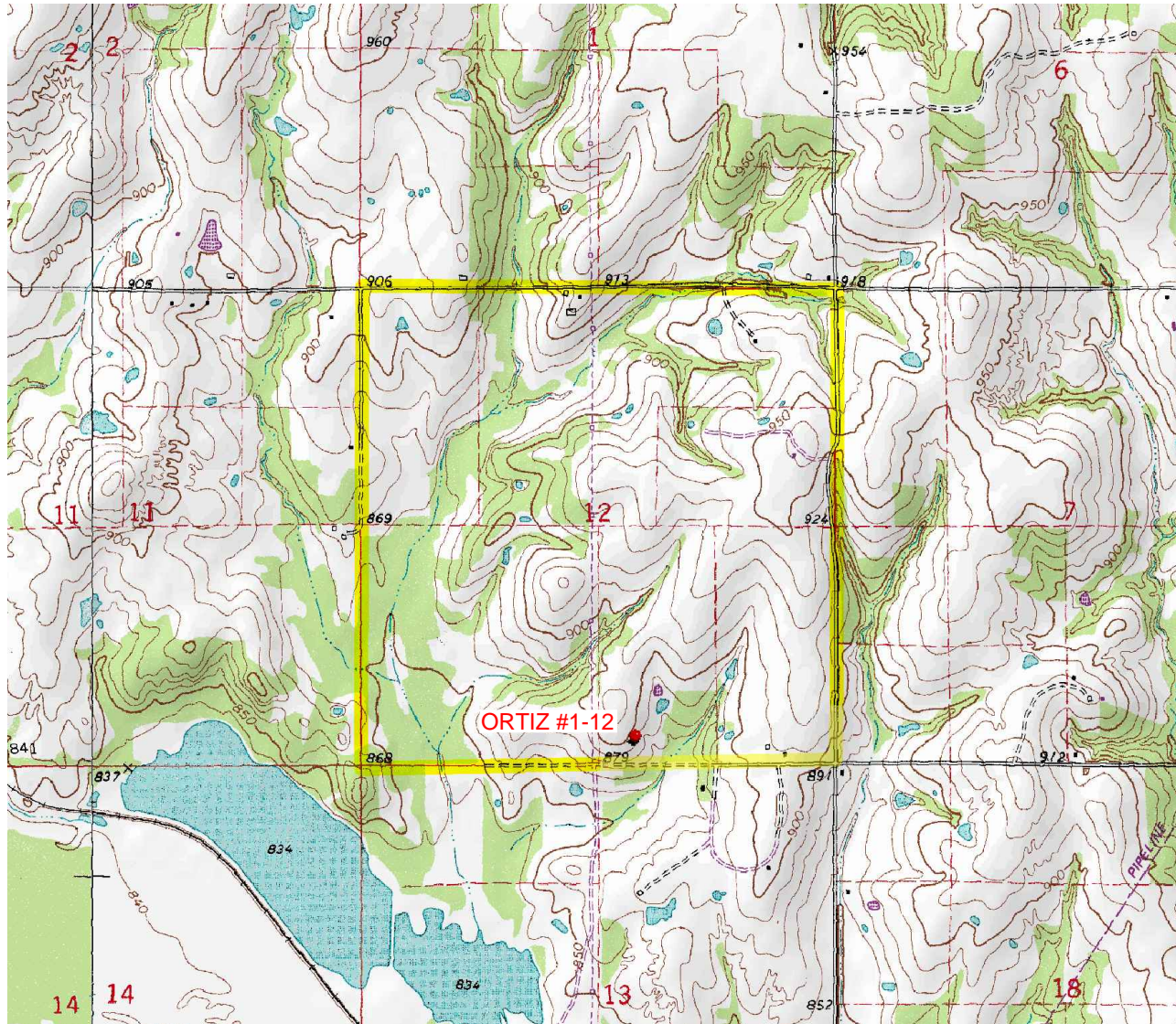
Section: 12 Township: 7N Range: 5E I.M.

County: Seminole State of Oklahoma

Ground Elevation at Surface Hole Location: 901'



Scale 1" = 2000'
Contour Interval: 10'



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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.

Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

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