

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

API NUMBER: 133 25328

Approval Date: 11/02/2018

Expiration Date: 05/02/2020

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 8N Rge: 6E

County: SEMINOLE

SPOT LOCATION: ☐ SE ☐ NE ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1830 1465

Lease Name: KENDALL RAE

Well No: 2-26

Well will be 810 feet from nearest unit or lease boundary.

Operator Name: CIRCLE 9 RESOURCES LLC

Telephone: 4055296577; 4055296

OTC/OCC Number: 23209 0

CIRCLE 9 RESOURCES LLC
PO BOX 249
OKLAHOMA CITY, OK 73101-0249

PHILLIP D. PERKINS
35756 STATE HWY. 59E
SEMINOLE OK 74868

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

	Name	Depth		Name	Depth
1	CALVIN	2005	6	SIMPSON DOLOMITE	3985
2	EARLSBORO	2850	7	1ST WILCOX	4060
3	BOOCH	3220	8	MARSHALL DOLOMITE	4190
4	CROMWELL	3245	9	2ND WILCOX	4230
5	HUNTON	3920	10		

Spacing Orders: 673852

Location Exception Orders:

Increased Density Orders: 682480

Pending CD Numbers:

Special Orders:

Total Depth: 4530

Ground Elevation: 904

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: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-35360

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

DIRECTIONAL HOLE 1

Sec 26 Twp 8N Rge 6E County SEMINOLE

Spot Location of End Point: SE SE NW NE

Feet From: NORTH 1/4 Section Line: 1200

Feet From: EAST 1/4 Section Line: 1450

Measured Total Depth: 4530

True Vertical Depth: 4430

End Point Location from Lease,

Unit, or Property Line: 1190

Notes:

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.

Category	Description
HYDRAULIC FRACTURING	<p>11/1/2018 - GA8 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
INCREASED DENSITY - 682480	<p>11/2/2018 - G75 - NE4 26-8N-6E X673852 WLCX1 1 WELL CIRCLE 9 RESOURCES LLC 9-5-2018</p>
SPACING - 673852	<p>11/2/2018 - G75 - (160) NE4 26-8N-6E VAC 67049 CLVN, ERLB, BOCH, CMWL, HNTN, SMPSD, WLCX1, MRSL, WLCX2 SW4 NE4 EST CLVN, ERLB, BOCH, CMWL, HNTN, SMPSD, WLCX1, MRSDO, WLCX2</p>

9 Well Location Plat

Sec. 26-8N-6E I.M.

Operator: CIRCLE 9 RESOURCES, LLC
 Lease Name and No.: KENDALL RAE 2-26
 Footage: 1830' FNL - 1465' FEL Gr. Elevation: 904'
 Section: 26 Township: 8N Range: 6E I.M.
 County: Seminole State of Oklahoma
 Terrain at Loc.: Location fell in a flat open field.

API 133-25328



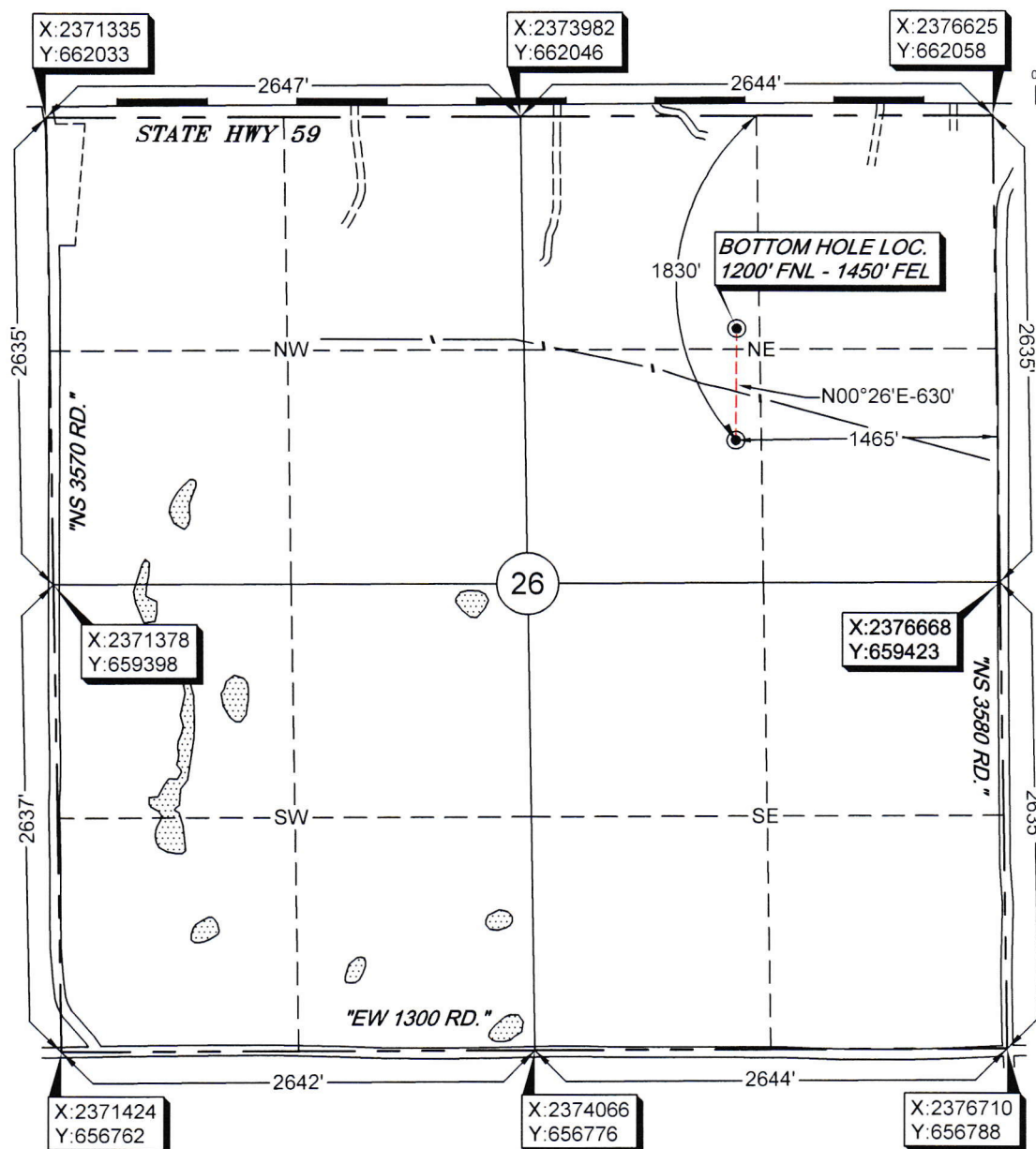
All bearings shown
are geodetic bearings
unless noted.

0' 500' 1000' 1500'
1" = 1000'

GPS DATUM
NAD 83
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°08'23.80"N
Lon: 96°38'23.01"W
Lat: 35.13994555
Lon: -96.63972563
X: 2375190
Y: 660221

Bottom Hole Loc.:
Lat: 35°08'30.03"N
Lon: 96°38'22.85"W
Lat: 35.14167583
Lon: -96.63968120
X: 2375195
Y: 660851



-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.

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, 2020

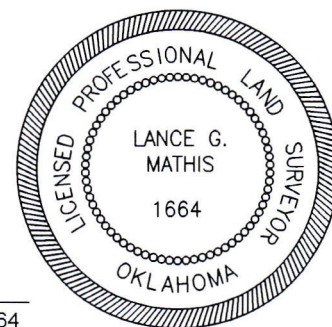
Certification:

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
 LANCE G. MATHIS

10/22/18

OK LPLS 1664



Invoice #7783-A

Date Staked: 10/16/18 By: D.K.
 Date Drawn: 10/18/18 By: D.B.