

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

API NUMBER: 133 25329

Approval Date: 11/02/2018

Expiration Date: 05/02/2020

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 8N Rge: 6E

County: SEMINOLE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 330 2275

Lease Name: LITTLE DEE

Well No: 1-23

Well will be 330 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

WILLIAM BRIAN CARTER AND TERA S CARTER  
12891 NS 3580  
SEMINOLE OK 74868

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

	Name	Depth	Name	Depth
1	VIOLA	3995	6	
2	SIMPSON DOLOMITE	4090	7	
3	1ST WILCOX	4130	8	
4	MARSHALL DOLOMITE	4200	9	
5	2ND WILCOX	4270	10	

Spacing Orders: 670665

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4570

Ground Elevation: 972

**Surface Casing: 1160**

Depth to base of Treatable Water-Bearing FM: 1110

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: 1A

Liner required for Category: 1A

Pit Location is BED AQUIFER

Pit Location Formation: ADA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. MIN. 20-MIL PIT LINER REQUIRED

**DIRECTIONAL HOLE 1**

Sec 23 Twp 8N Rge 6E County SEMINOLE

Spot Location of End Point: nn S2 SE NW

Feet From: NORTH 1/4 Section Line: 2310

Feet From: WEST 1/4 Section Line: 1980

Measured Total Depth: 4570

True Vertical Depth: 4470

End Point Location from Lease,

Unit, or Property Line: 330

**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>10/30/2018 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
POINT OF ENTRY	<p>11/2/2018 - G56 - POINT OF ENTRY FOR ALL FORMATIONS WILL BE GREATER THAN 330' FSL, 330' FEL OF THE NW4 PER OPERATOR.</p>
SPACING - 670665	<p>11/2/2018 - G56 - (80) S2 NW4 23-8N-6E LD SE/NW EST VIOL, SMPS, WLCX1, MRSDO, WLCX2, OTHERS</p>

# 9 Well Location Plat

Sec. 23-8N-6E I.M.

Operator: CIRCLE 9 RESOURCES, LLC

35-133-25329

Lease Name and No.: LITTLE DEE 1-23

Footage: 330' FNL - 2275' FWL (SW/4) Gr. Elevation: 972'

Section: 23 Township: 8N Range: 6E I.M.

County: Seminole State of Oklahoma

Terrain at Loc.: Location fell in timber.



All bearings shown  
are geodetic bearings  
unless noted.

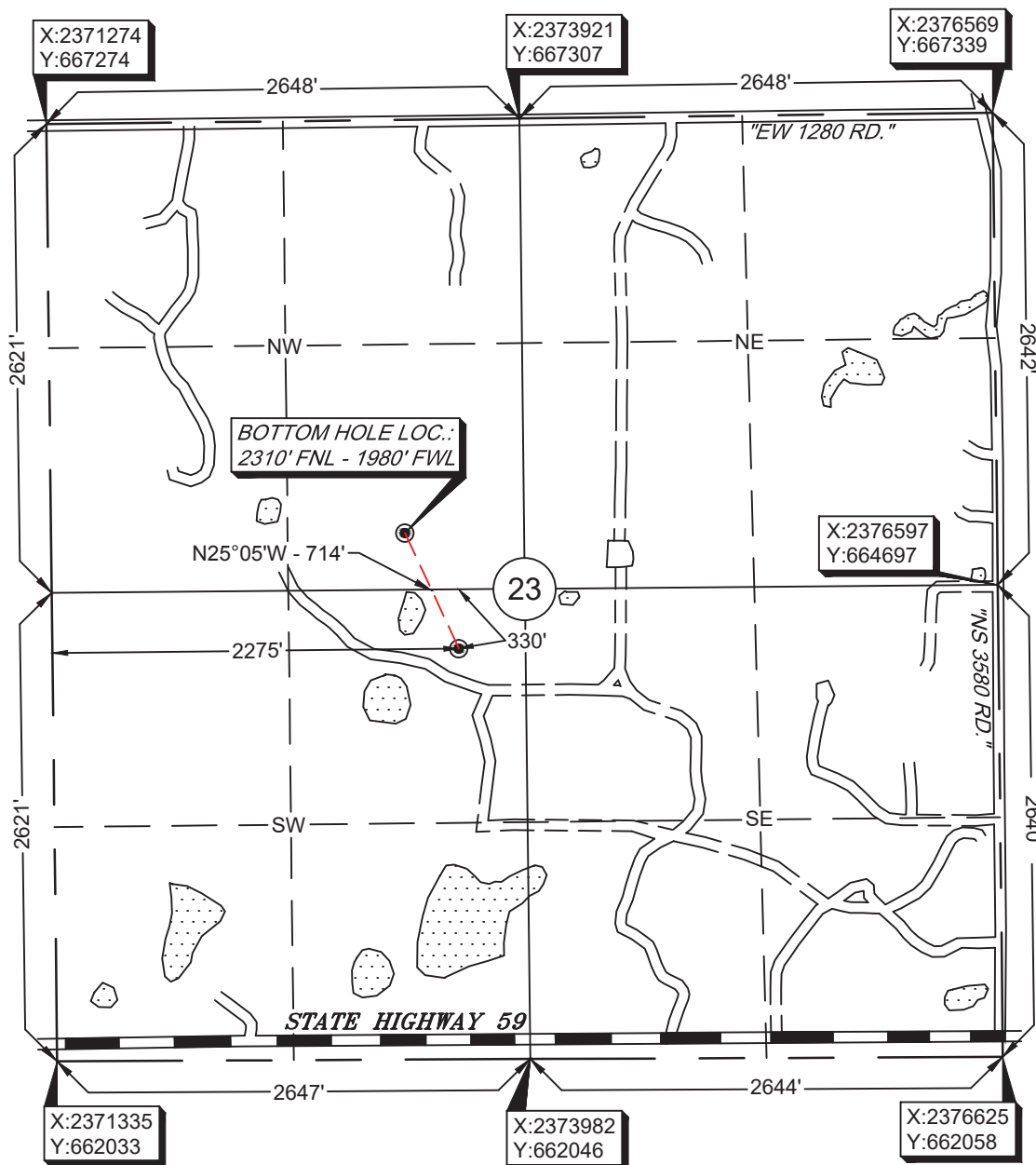
0' 500' 1000' 1500'  
1" = 1000'

GPS DATUM  
NAD 83  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°09'04.77"N  
Lon: 96°38'41.69"W  
Lat: 35.15132600  
Lon: -96.64491473  
X: 2373583  
Y: 664342

Bottom Hole Loc.:  
Lat: 35°09'11.21"N  
Lon: 96°38'45.23"W  
Lat: 35.15311295  
Lon: -96.64589761  
X: 2373280  
Y: 664989

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 inaccuracy 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 filed 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

Invoice #8235

Date Staked: 10/18/18 By: D.K.

Date Drawn: 10/19/18 By: R.M.

Rev. Added BHL: 10/31/18 By: E.W.

Corrected BHL: 11/07/18 By: R.S.

## 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

11/07/18

OK LPLS 1664

