

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

API NUMBER: 133 25333

Approval Date: 11/28/2018

Expiration Date: 05/28/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 8N Rge: 6E

County: SEMINOLE

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 165 1155

Lease Name: BUFFY

Well No: 1-14

Well will be 165 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

MARVIN AND GLENDA LAY
35777 EW 1280
SEMINOLE OK 74868

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

	Name	Depth		Name	Depth
1	CALVIN	2360	6	1ST WILCOX	4200
2	EARLSBORO	2930	7	MARSHALL DOLOMITE	4250
3	BOOCH	3300	8	2ND WILCOX	4280
4	VIOLA	4050	9		
5	SIMPSON DOLOMITE	4150	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808770
201808740

Special Orders:

Total Depth: 4480

Ground Elevation: 973

Surface Casing: 1210

Depth to base of Treatable Water-Bearing FM: 1160

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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? 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: ADA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35800
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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>11/6/2018 - G71 - 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: OCCWEB.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>
PENDING CD - 201808740	<p>11/28/2018 - G56 - (80) E2 SE4 14-8N-6E SU SW/NE EST CLVN, ERLB, BOCH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2, OTHERS REC 11/13/2018 (MILLER)</p>
PENDING CD - 201808770	<p>11/28/2018 - G56 - (E.O.) E2 SE4 14-8N-6E X201808740 CLVN, ERLB, BOCH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2, OTHERS NCT 165' FSL, NCT 165' FWL CIRCLE 9 RESOURCES LLC REC 11/13/2018 (MILLER)</p>
PUBLIC WATER SUPPLY WELL	<p>11/6/2018 - G71 - BOWLEGS LIMA WATER - 1 PWS/WPA, SE/4 14-8N-6E</p>

9 Well Location Plat

Sec. 14-8N-6E I.M.

Operator: CIRCLE 9 RESOURCES, LLC

Lease Name and No.: BUFFY 1-14

Footage: 165' FSL - 1155' FEL Gr. Elevation: 973'

Section: 14 Township: 8N Range: 6E I.M.

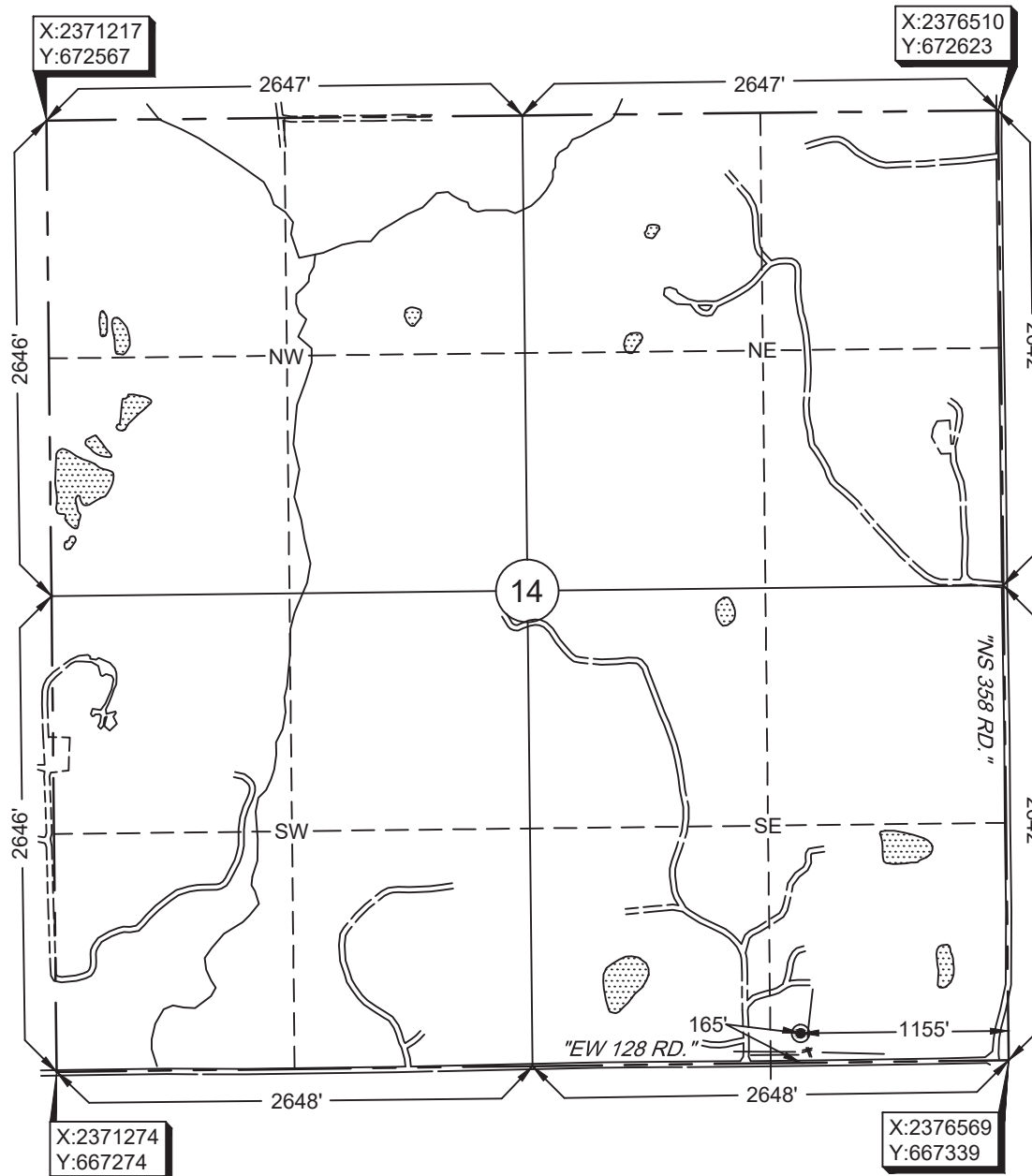
County: Seminole State of Oklahoma

Terrain at Loc.: Location fell in an open, flat field, 105' North of an existing pipeline, 115' East of an existing fence, and 40' West of an existing water line.

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°09'35.66"N
Lon: 96°38'19.15"W
Lat: 35.15990519
Lon: -96.63865416
X: 2375412
Y: 667490

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 herein 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

Invoice #8293

Date Staked: 11/06/18 By: D.K.

Date Drawn: 11/07/18 By: D.B.

Added SHL footage to top: 11/28/18 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
LANCE G. MATHIS

11/28/18

OK LPLS 1664

