

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

API NUMBER: 133 25315

Approval Date: 09/25/2018

Expiration Date: 03/25/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

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

County: SEMINOLE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 330 1650

Lease Name: LULA B

Well No: 4-23

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 & TERA S. CARTER  
12891 NS 3580  
SEMINOLE OK 74868

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

	Name	Depth		Name	Depth
1	CALVIN	2150	6	1ST WILCOX	4120
2	EARLSBORO	3000	7	MARSHALL DOLO	4170
3	BOOCH	3310	8	2ND WILCOX	4250
4	VIOLA	4010	9		
5	SIMPSON DOLOMITE	4080	10		

Spacing Orders: 669040

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807254  
201807253

Special Orders:

Total Depth: 4450

Ground Elevation: 972

**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**

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? 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: ADA

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

PERMIT NO: 18-35355

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>9/17/2018 - 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: <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>
PENDING CD - 201807253	<p>9/18/2018 - G75 - (IRR UNIT) E2 SW4 &amp; W2 SE4 23-8N-6E X669040 CLVN, ERLB, BOCH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2 1 WELL CIRCLE 9 RESOURCES LLC HEARING 10-2-2018</p>
PENDING CD - 201807254	<p>9/18/2018 - G75 - (E.O.)(IRR UNIT) E2 SW4 &amp; W2 SE4 23-8N-6E X669040 CLVN, ERLB, BOCH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2 NCT 330' FSL, NCT 330' FEL CIRCLE 9 RESOURCES LLC REC 9-25-2018 (JACKSON)</p>
SPACING - 669040	<p>9/18/2018 - G75 - (160)(IRR UNIT) E2 SW4 &amp; W2 SE4 23-8N-6E VAC 65875 BOCH EST CLVN, ERLB, BOCH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2</p>

# 9 Well Location Plat

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

Operator: CIRCLE 9 RESOURCES LLC

Lease Name and No.: LULA B 4-23

API 133-25315

Footage: 330' FSL - 1650' FEL Gr. Elevation: 972'

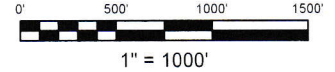
Section: 23 Township: 8N Range: 6E I.M.

County: Seminole State of Oklahoma

Terrain at Loc.: Location falls on top of a hill.

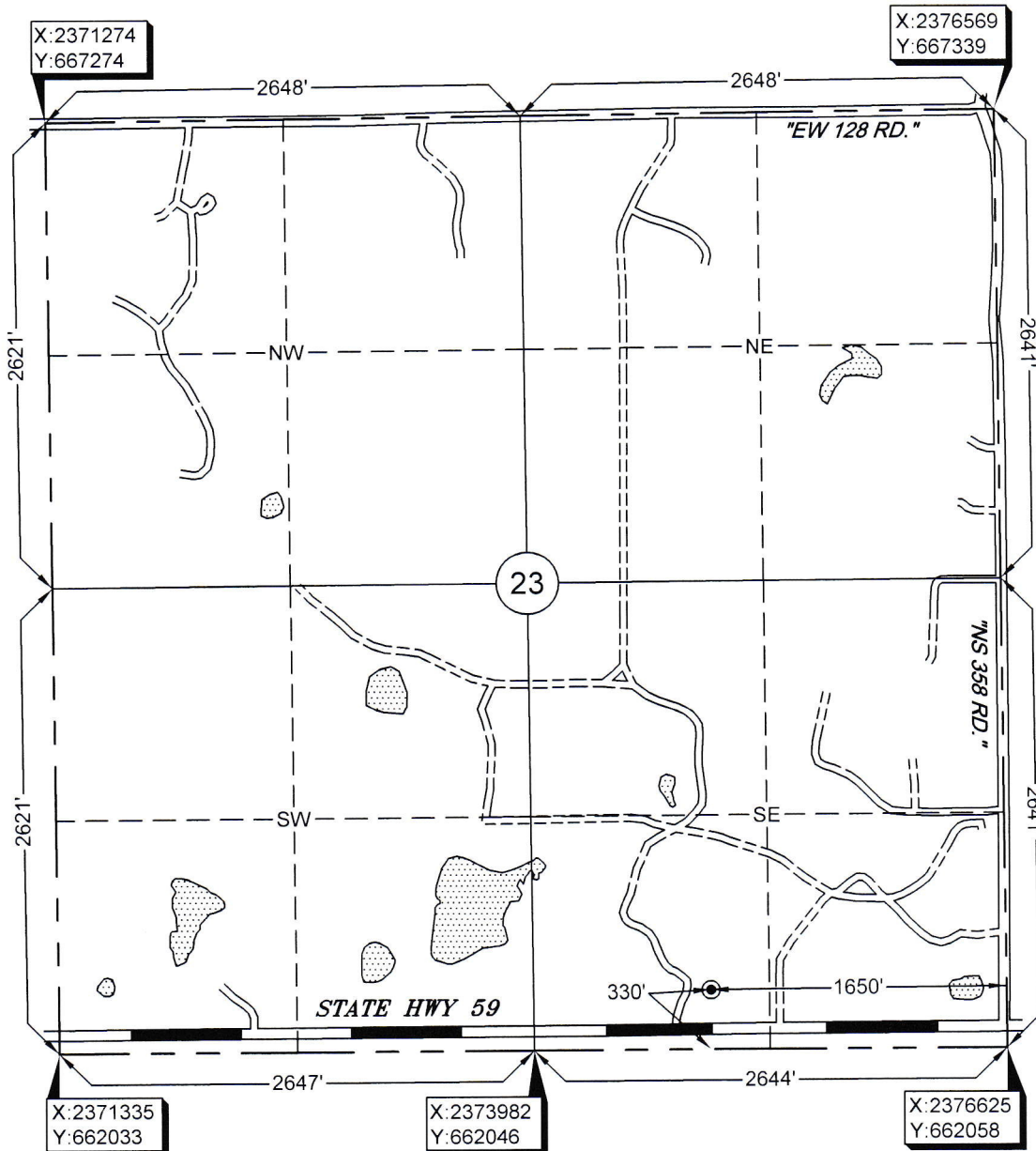


All bearings shown are grid bearings.



GPS DATUM  
NAD 83  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°08'45.18"N  
Lon: 96°38'25.29"W  
Lat: 35.14588449  
Lon: -96.64035708  
X: 2374972  
Y: 662380



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

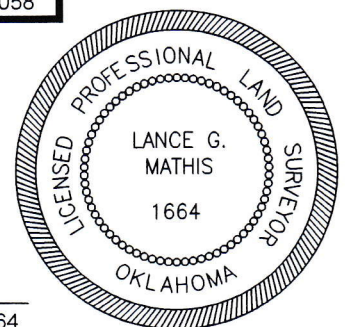
## Certification:

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

09/05/18

OK LPLS 1664



Invoice #8104

Date Staked: 08/28/18 By: D.K.

Date Drawn: 08/31/18 By: M.K.

API 133-25315

## APPLICATION TO DRILL, RECOMPLETE OR REENTER

FORM 1000  
REV. 2014

## FILE ORIGINAL ONLY

PLEASE TYPE OR USE BLACK INK

1. OTC/OCC OPERATOR NUMBER

23209

2. API NUMBER

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

BATCH NUMBER (OCC USE ONLY)

WALK THROUGH

3. NOTICE OF INTENT TO:

(CHECK ONLY ONE)

☒ DRILL ☐ RECOMPLETE ☐ REENTER ☐ DEEPEN ☐ AMEND - REASON

NOTE: ATTACH COPY OF 1002-A IF RECOMPLETION OR REENTRY.

4. TYPE OF DRILLING OPERATION &gt;&gt;&gt;&gt;&gt;&gt;&gt; (NOTE: If directional or horizontal, see reverse side for bottom hole location)

A. ☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLEB. ☒ OIL/GAS ☐ INJECTION ☐ DISPOSAL ☐ WATER SUPPLY ☐ STRAT TEST ☐ SERVICE WELL6. LOCATE WELL AND OUTLINE  
LEASE OR SPACING UNIT IN INK.

5. WELL LOCATION:

SECTION 23 TOWNSHIP 8N RANGE 6E COUNTY SEMINOLE  
SPOT LOCATION: CT 1/4 SE 1/4 SW 1/4 SE 1/4 FEET FROM QUARTER from SOUTH LINE from EAST LINE  
SECTION LINES: 330' 1650'

7. Well will be 330 feet from nearest unit or property boundary.

8. LEASE NAME: LULA B WELL NUMBER: 4-23

9. NAME OF OPERATOR: CIRCLE 9 RESOURCES LLC EMAIL ADDRESS: HGEORGE@CIRCLE9.COM  
ADDRESS: P.O. BOX 249 PHONE (AC/NUMBER): 405-529-6577

CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73101

10. SURFACE OWNER (ONE ONLY, ATTACH SHEET FOR ADDITIONAL OWNERS)

WILLIAM BRIAN CARTER & TERA S  
CARTER

ADDRESS: 12891 NS 3580

CITY: SEMINOLE STATE: OK ZIP CODE: 74868

14. LIST TARGET FORMATIONS AND DEPTHS OF EACH BELOW (LIMITED TO TEN)

- |                             |                              |
|-----------------------------|------------------------------|
| 1) CALVIN (2150')           | 6) FIRST WILCOX (4120')      |
| 2) EARLSBORO (3000')        | 7) MARSHALL DOLOMITE (4170') |
| 3) BOOCH (3310')            | 8) SECOND WILCOX (4250')     |
| 4) VIOLA (4010')            | 9)                           |
| 5) SIMPSON DOLOMITE (4080') | 10)                          |

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S):

Loc. Exp. (E.O.) Hearing 9-25-2018

160 INCHES

16. PENDING APPLICATION C.D. NO.

17. LOCATION EXCEPTION ORDER NO.

18. INCREASED DENSITY ORDER NO.

19. TOTAL DEPTH 4450' 20. GROUND ELEV. 972 21. BASE OF TREATABLE WATER 1080' 22. SURFACE CASING 1130' 23. ALT CASING PROG USED? Y X N

24. ALTERNATIVE CASING PROCEDURE, check box and fill in blank (AFFIDAVIT REQUIRED, see reverse side, line 31.)

A. Cement will be circulated from total depth to ground surface on the production casing string.

B. Cement will be circulated from depth to depth by use of a two stage cementing job.

25.1. PIT INFORMATION: Using more than one pit or mud system? Y X N If yes, fill out line 25.2 on top reverse side.

A. TYPE OF MUD SYSTEM: X WATER BASED OIL BASED GAS BASED (AIR DRILL)

B. EXPECTED MUD CHLORIDE CONTENT: maximum: 8000 ppm: average: 6000 ppm:

C. TYPE OF PIT SYSTEM: on-site off-site X closed If off-site, specify location: Y X N

D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y X N

E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y X N

F. WELLHEAD PROTECTION AREA? Y X N

26.1. OCC USE ONLY

A. CATEGORY 1A 1B 2 3 4 C

B. PIT LOCATION: Alluvial Plain Terrace Deposit X Bedrock Aquifer Other H.S.A. Non-H.S.A. Frm: Ada

C. Special area or field rule? NA D. DEEP SCA? Y X N E. CBL required? Y X N

F. SOIL COMPACTED LINER REQUIRED? Y X N G. 20 mil GEOMEMBRANE LINER REQUIRED? Y X N

27. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (MUST BE COMPLETED)

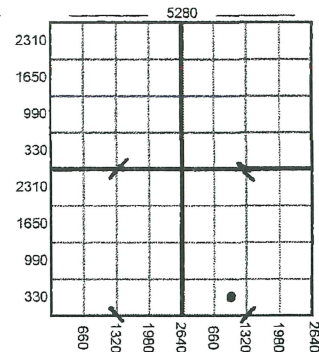
- A. Evaporation/dewater and backfilling of reserve pit.
- B. Public Landfill: Location
- C. Annular Injection (REQUIRES PERMIT and surface casing set 200 feet below base of treatable water-bearing formation.) PERMIT NO.
- X D. One time land application (REQUIRES PERMIT) PERMIT NO. 18-35355
- E. Haul to Commercial pit facility: Specify site: Order No.
- F. Haul to Commercial soil farming facility: Specify site: Order No.
- G. Haul to recycling/re-use facility: Specify site: Order No.
- X H. Other: Specify: closed system = steel pits per operator request

I hereby certify I am authorized to submit this two page application prepared by me or under my supervision.

The facts and proposals made herein are true, correct and complete to the best of my knowledge and belief.

SIGNATURE: [Signature] NAME (Print or Type): KRISTIN BLAKE PHONE (AC/NO.): 405-529-6577 FAX (AC/NO.): DATE: 9/12/18

NOTICE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations. File the Form 1001A, Spud Report, within fourteen days of commencement of operations.

11. Is well located on lands under federal jurisdiction?  
Y X N12. Will a water well be drilled? Y X N  
Will surface water be used? X Y N

13. Date Operation to Begin ASAP

SEC

TOWNSHIP

RANGE

WELL NAME

#

TEMPORARY AUTHORIZATION  
TO DRILL

Expiration Date: 9-26-2018

Signature: [Signature]

OAC 165:10-3-1 (L)

Off-Site Pit No.

## 25.2. PIT INFORMATION:

**PIT #2**

Off-Site Pit No. \_\_\_\_\_

DATE: 09/12/2018	TIME: 11:48
CASH: 00000000	CASHIER: JSD
PAYEE: CIRCLE 9 RESOURCES, LLC	
CHECKS: 409	5200.00
45	Emerg Walk Ther LTD