

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

API NUMBER: 133 25297

Approval Date: 05/25/2018

Expiration Date: 11/25/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 8N Rge: 6E

County: SEMINOLE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1165 330

Lease Name: J R PATSCHKE

Well No: 1-11

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

JEFFREY A. PATSCHKE
12680 NORTH 3570 ROAD
SEMINOLE OK 74868

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

	Name	Depth		Name	Depth
1	CALVIN	2400	6	SIMPSON DOLOMITE	3950
2	CROMWELL	3240	7	1ST WILCOX	3970
3	MISSISSIPPIAN	3500	8	MARSHALL DOLO	4030
4	WOODFORD	3650	9	2ND WILCOX	4080
5	VIOLA	3850	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802188
201803428
201802189

Special Orders:

Total Depth: 4300

Ground Elevation: 875

Surface Casing: 580

Depth to base of Treatable Water-Bearing FM: 530

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: VAMOOSA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34418

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>5/1/2018 - 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: 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>
PENDING CD - 201802188	<p>5/8/2018 - G57 - (160) SW4 11-8N-6W VAC 631685 CLVNU, CLVNM, CLVNL, MSSP, WDFD, VIOL, SMPSD, WLCX1, WLCX2, OTHER EST CLVN, CMWL, MSSP, WDFD, VIOLA, SMPSD, WLCX1, MRSDO, WLCX2, OTHER REC 4-9-2018 (NORRIS)</p>
PENDING CD - 201802189	<p>5/8/2018 - G57 - 11-8N-6E X201802188 CMWL, VIOL, WLCX1, WLCX2 1 WELL CIRCLE 9 RESOURCES, LLC. REC 4-9-2018 (NORRIS)</p>
PENDING CD - 201803428	<p>5/8/2018 - G57 - (E.O.) SW4 11-8N-6E X201802188 CLVN, CMWL, MSSP, WDFD, VIOL, SMPSD, WLCX1, MRSDO, WLCX2 NCT 330' FWL, NCT 1165' FSL CIRCLE 9 RESOURCES, LLC. REC 5-21-2018 (NORRIS)</p>
PUBLIC WATER SUPPLY WELL	<p>5/1/2018 - G71 - BOWLEGS LIMA WATER - 1 PWS/WPA, SE/4 3-8N-6E</p>

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)

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 >>>>>>> (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 WELL

5. WELL LOCATION:

SECTION 11 TOWNSHIP 8N RANGE 6E COUNTY SEMINOLE

SPOT LOCATION: 1/4 NW 1/4 SW 1/4 SW 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
SECTION LINES: 1165' 330'

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

8. LEASE NAME: J.R. PATSCHKE WELL NUMBER: 1-11

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)

JEFFERY A PATSCHKE

ADDRESS 12680 NORTH 3570 ROAD

CITY SEMINOLE STATE OK ZIP CODE 74868

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

- | | |
|--------------------------|------------------------------|
| 1) CALVIN (2400') | 6) VIOLA (3850') |
| 2) EARLSBORO (2900') | 7) SIMPSON DOLOMITE (3950') |
| 3) CROMWELL (3240') | 8) FIRST WILCOX (3970') |
| 4) MISSISSIPPIAN (3500') | 9) MARSHALL DOLOMITE (4030') |
| 5) WOODFORD (3650') | 10) SECOND WILCOX (4080') |

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S): 201802188 - 160 ACRES

16. PENDING APPLICATION C.D. NO.

17. LOCATION EXCEPTION ORDER NO. 201803428

18. INCREASED DENSITY ORDER NO. 201802189

19. TOTAL DEPTH 4300'

20. GROUND ELEV. 530'

21. BASE OF TREATABLE WATER 580'

22. SURFACE CASING

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 tool.

25.1. PIT INFORMATION: Using more than one pit or mud system?

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

B. EXPECTED MUD CHLORIDE CONTENT: maximum: 8000 ppm; average: 5000 ppm.

C. TYPE OF PIT SYSTEM: ☐ on-site ☐ off-site ☒ closed If off-site, specify location:D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? ☒ Y ☐ NE. WITHIN 1 MILE OF MUNICIPAL WATER WELL? ☐ Y ☐ NF. WELLHEAD PROTECTION AREA? ☐ Y ☒ N

Off-Site Pit No.

26.1	A. CATEGORY	1A	1B	2	3	4	C
OCC USE ONLY	B. PIT LOCATION:	Alluvial Plain	Terrace Deposit	Bedrock Aquifer	Other H.S.A.	Non-H.S.A.	Fm:
	C. Special area or field rule?			D. DEEP SCA?	Y	N	E. CBL required?
	F. SOIL COMPACTED LINER REQUIRED?	Y	N	G. 20 mil GEOMEMBRANE LINER REQUIRED?	Y	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.

☒ D. One time land application (REQUIRES PERMIT)

PERMIT NO. 18-34418

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.

H. Other, Specify:

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

NAME (Print or Type)

JAY WHIPPLE

PHONE (AC/NO.)

405-659-5722

FAX (AC/NO.)

DATE

4-27-18

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.

NOTIFY DISTRICT OFFICE 24 HOURS PRIOR TO CEMENTING SURFACE CASING.

25.2. PIT INFORMATION:

A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.
PIT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N
 F. WELLHEAD PROTECTION AREA? Y N Off-Site Pit No.

26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm:
 B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
 C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N
 F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRED Y N

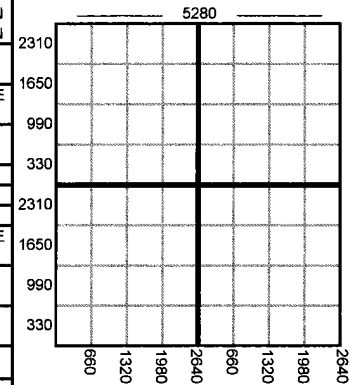
29 Bottom Hole Location SEC TWP RGE COUNTY
 for Directional Hole:
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Measured Total True Vertical BHL from nearest Lease, Unit, Or Property Line:
 Depth Depth
30. Bottom Hole Location for Horizontal Hole: (LATERALS)

LATERAL #1: SEC TWP RGE COUNTY
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation Radius of Turn Direction Total Length
 Measured Total True Vertical End Point location from nearest lease, unit
 Depth Depth or property line:

LATERAL #2: SEC TWP RGE COUNTY
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation Radius of Turn Direction Total Length
 Measured Total True Vertical End Point location from nearest lease, unit
 Depth Depth or property line:

LATERAL #3: SEC TWP RGE COUNTY
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation Radius of Turn Direction Total Length
 Measured Total True Vertical End Point location from nearest lease, unit
 Depth Depth or property line:

28. Locate Bottom Hole



1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
2. Direction must be stated in degrees azimuth.
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM

(Signature on front of this form attests to this affidavit)

1. This well WILL WILL NOT penetrate any known lost circulation zones.
2. During the drilling of this well, withdrawals from any water well within 1/4 mile WILL WILL NOT exceed 50 gallons per minute.
3. The projected depth of the well IS IS NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 3800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND, SO STATE. (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator	Address of Owner/Operator	Location (Nearest 1/4 1/4 1/4 1/4))	Depth of Well

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface. **OCC USE ONLY**
6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

INTENT TO DRILL CHECKLIST
 APPROVED REJECTED

OCC USE ONLY

OCC USE ONLY

1. SURETY 2/25/19
 A. NONE filed.
 B. EXPIRED: Date
 C. OUTSTANDING CONTEMPT ORDER.

4. GEOLOGY

DO NOT WRITE INSIDE THIS BOX

OKLA CORP COMM
 RECEIPT 1811010018
 Date: 04/30/2018 Time: 14:26
 Case: 000000000 Cashier: DRS
 Payor: CIRCLE 9 RESOURCES, LLC
 Check: 325 \$500.00
 AS Emerg Walk Thru LTD

9

Well Location Plat

Sec. 11-8N-6E I.M.

API: 133 25297

Operator: CIRCLE 9 RESOURCES, LLC

Lease Name and No.: TBD BL SW 1-11

Footage: 1165' FSL - 330' FWL Gr. Elevation: 875'

Section: 11 Township: 8N Range: 6E I.M.

County: Seminole State of Oklahoma

Terrain at Loc.: Location fell in a flat pasture with small timber, $\pm 28'$ Southwest of Enerfin Pipeline and $\pm 34'$ Southeast of BKEP Pipeline.All bearings shown
are grid bearings.

0' 500' 1000' 1500'

1" = 1000'

GPS DATUM

NAD 83

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°10'37.94"N

Lon: 96°39'04.87"W

X: 2371533

Y: 673735

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, 2018

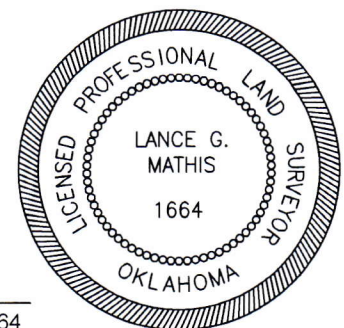
Certification:

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

04/18/18

OK LPLS 1664



Invoice #7673-A

Date Staked: 04/12/18 By: H.S.

Date Drawn: 04/16/18 By: C.K.

9 Well Location Plat

Operator: CIRCLE 9 RESOURCES, LLC

Lease Name and No.: TBD BL SW 1-11

Footage: 1165' FSL - 330' FWL Gr. Elevation: 875'

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0' 500' 1000' 1500'

1" = 1000'

GPS DATUM

NAD 83

OK SOUTH ZONE

Surface Hole Loc.:

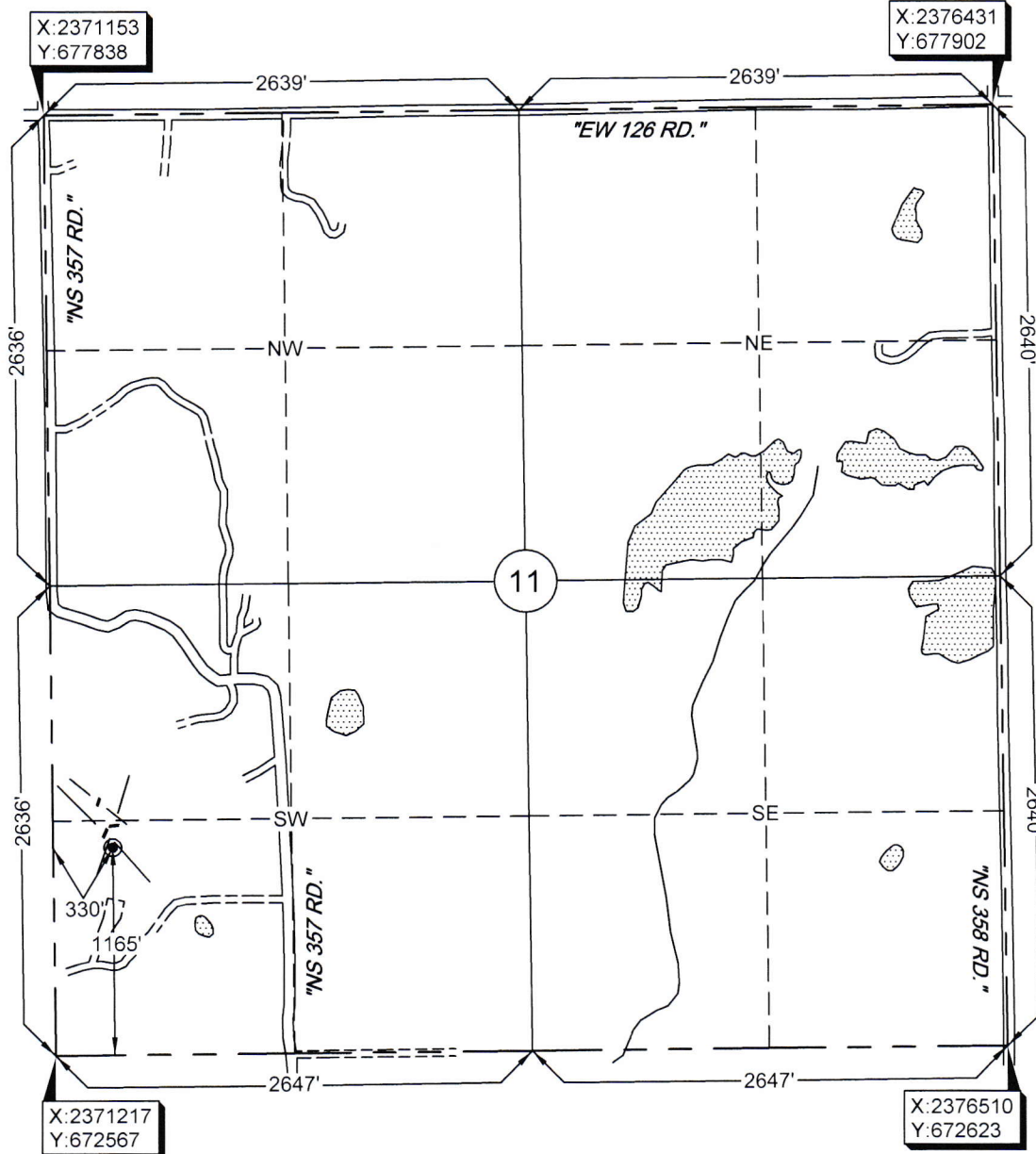
Lat: 35°10'37.94"N

Lon: 96°39'04.87"W

X: 2371533

Y: 673735

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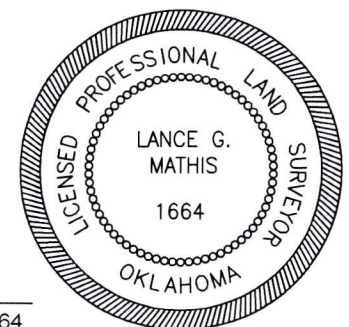
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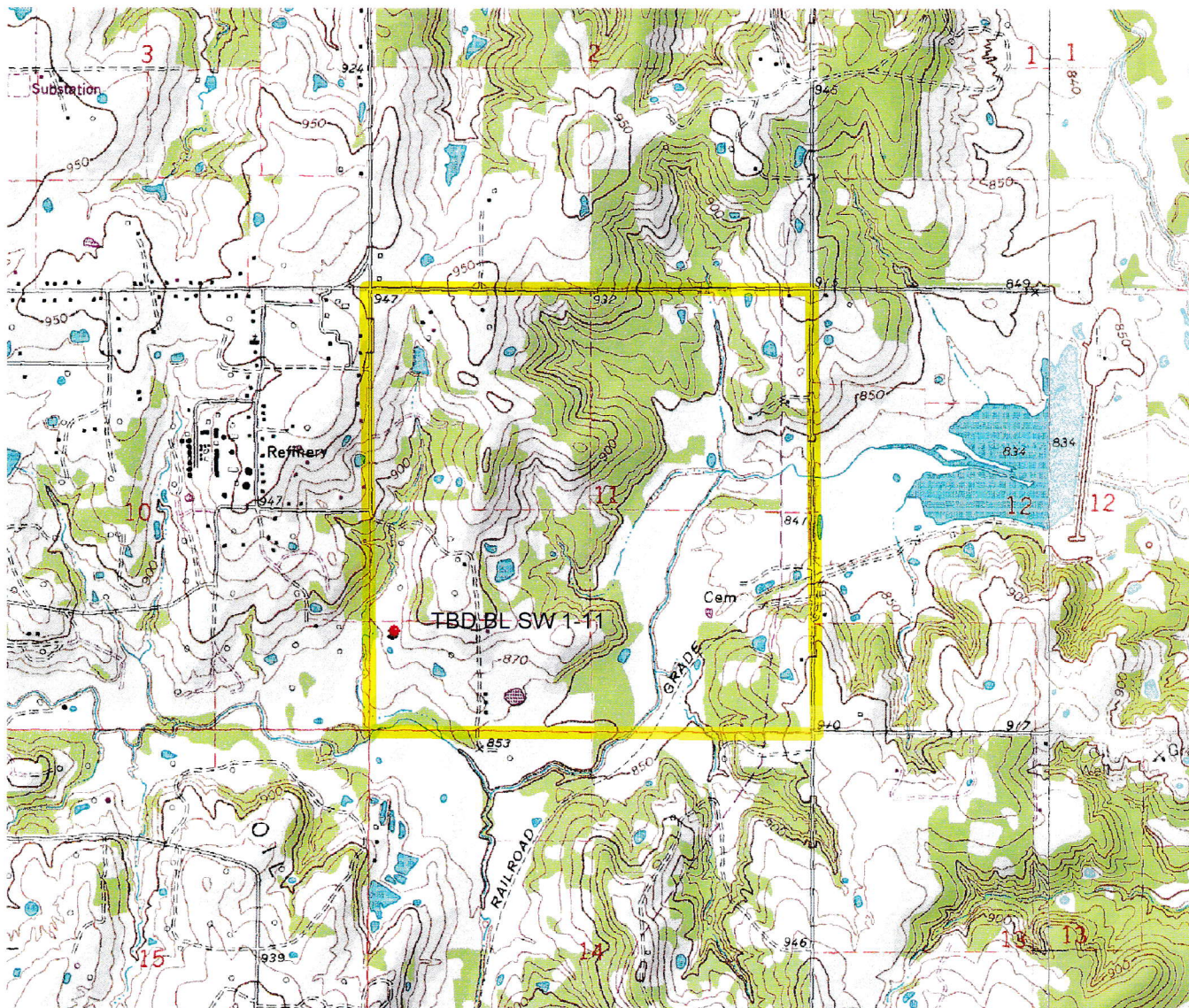
9 Topographic Vicinity Map

Operator: CIRCLE 9 RESOURCES, LLC
Lease Name and No.: TBD BL SW 1-11
Surface Hole Location: 1165' FSL - 330' FWL
Sec. 11 Twp. 8N Rng. 6E I.M.
County: Seminole State of Oklahoma



Ground Elevation at Surface Hole Location: 875'

Scale 1"= 2000'
Contour Interval: 10'



Provided 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, 2018

Date Staked: 04/12/18

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.

County Highway Vicinity Map

Job #: 7673-A

Operator: CIRCLE 9 RESOURCES, LLC

Lease Name and No.: TBD BL SW 1-11

Accessibility: From the South.

Directions: From the junction of US HWY 377 & State HWY 59 in the town of Bowlegs, OK, go 0.3 miles East on State HWY 59, 2.7 miles North on Old State HWY 59/99, 0.9 miles East on "EW 126 RD.", then go 1.0 mile South and East on "NS 357 RD." to the Southwest Quarter of Section 11-8N-6E on the South side of the road.

1 inch = 0.5 mile

provided by,
Arkoma Surveying and Mapping, PLLC
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