

API NUMBER: 121 24901

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

Approval Date: 06/27/2022  
Expiration Date: 12/27/2023

Multi Unit Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 7N Range: 13E County: PITTSBURG

SPOT LOCATION: ☐ SE ☐ NW ☐ SE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 1790 1675

Lease Name: FORE Well No: 1-4-28WH Well will be 1675 feet from nearest unit or lease boundary.  
Operator Name: CALYX ENERGY III LLC Telephone: 9189494224 OTC/OCC Number: 23515 0

CALYX ENERGY III LLC

TULSA, OK 74136-4226

ALAN L & CHRISTY R EPPS

682 BYINGTON SCHOOL RD

MCALESTER OK 74501

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

	Name	Code	Depth
1	MAYES	353MYES	4725
2	WOODFORD	319WDFD	4850
3	HUNTON	269HNTN	4925
4	SYLVAN	203SLVN	4950

Spacing Orders: 723646  
723578  
671803  
725948

Location Exception Orders: 725949

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 15500 Ground Elevation: 721

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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

PERMIT NO: 22-38393

H. (Other)

PIT 2 - CONCRETE LINED PIT PER OPERATOR  
REQUEST

### PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

### PIT 2 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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

## MULTI UNIT HOLE 1

Section: 28	Township: 8N	Range: 13E	Meridian: IM	Total Length: 11000
County: PITTSBURG				Measured Total Depth: 15500
Spot Location of End Point: NE NW NW NW				True Vertical Depth: 8000
Feet From: <b>NORTH</b>		1/4 Section Line: 165		End Point Location from
Feet From: <b>WEST</b>		1/4 Section Line: 600		Lease, Unit, or Property Line: 165

## NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[6/15/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000N00. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS 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 IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 725949	<p>[6/27/2022 - GC2] - (I.O.) 4-7N-13E, 28 &amp; 33-8N-13E  X723646 MYES, WDFD, HNTN, SLVN 4-7N-13E  X723578 MYES, WDFD, HNTN, SLVN 33-8N-13E  X671803 MYES, WDFD, HNTN, SLVN 28-8N-13E  COMPL. INT. (4-7N-13E) NCT 2640' FSL, NCT 0' FNL, NCT 330' FWL  COMPL. INT. (33-8N-13E) NCT 0' FNL, NCT 0' FWL, NCT 330' FWL  COMPL. INT. (28-8N-13E) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL  CALYX ENERGY III, LLC  6/3/2022</p>
SPACING - 671803	<p>[6/27/2022 - GC2] - (640)(HOR) 28-8N-13E  EST MYES, WDFD, HNTN, SLVN, OTHER  COMPL. INT. (MYES, HNTN) NLT 660' FB  COMPL. INT. (SLVN, OTHER) NLT 330' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL, FWL  (COEXIST SP. ORDER # 546604 WDFD, SLVN, OTHER, COEXIST SP. ORDER # OTHERS)</p>
SPACING - 723578	<p>[6/27/2022 - GC2] - (640)(HOR) 33-8N-13E  EXT 671803 MYES, WDFD, HNTN, SLVN, OTHER  COMPL. INT. (MYES, HNTN) NLT 660' FB  COMPL. INT. (SLVN, OTHER) NLT 330' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL, FWL</p>
SPACING - 723646	<p>[6/27/2022 - GC2] - (640)(HOR) 4-7N-13E  EST MYES, WDFD, HNTN, SLVN, OTHER  COMPL. INT. (MYES, HNTN) NLT 660' FB  COMPL. INT. (SLVN, OTHER) NLT 330' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL, FWL</p>
SPACING - 725948	<p>[6/27/2022 - GC2] - (I.O.) 4-7N-13E, 28 &amp; 33-8N-13E  EST MULTIUNIT HORIZONTAL WELL  X723646 MYES, WDFD, HNTN, SLVN 4-7N-13E  X723578 MYES, WDFD, HNTN, SLVN 33-8N-13E  X671803 MYES, WDFD, HNTN, SLVN 28-8N-13E  (MYES, HNTN, SLVN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD)  10% 4-7N-13E  45% 33-7N-13E  45% 28-7N-13E  NO OP NAMED  6/3/2022</p>

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

121 24901 FORE 1-4-28WH



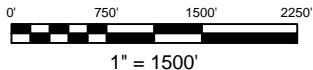
# Well Location Plat

S.H.L. Sec. 4-7N-13E I.M.  
B.H.L. Sec. 28-8N-13E I.M.

Operator: CALYX ENERGY III, LLC  
Lease Name and No.: FORE 1-4-28WH  
Surface Hole Location: 1790' FNL - 1675' FWL Gr. Elevation: 721'  
SE/4-NW/4-SE/4-NW/4 Section: 4 Township: 7N Range: 13E I.M.  
Bottom Hole Location: 165' FNL - 600' FWL  
NE/4-NW/4-NW/4-NW/4 Section: 28 Township: 8N Range: 13E I.M.  
County: Pittsburg State of Oklahoma  
Terrain at Loc.: Location fell on open pasture with a slope to the North.



All bearings shown  
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°06'40.91"N  
Lon: 95°56'32.75"W  
Lat: 35.11136365  
Lon: -95.94243131  
X: 2583852.31  
Y: 653349.61

Surface Hole Loc.:  
Lat: 35°06'40.57"N  
Lon: 95°56'31.76"W  
Lat: 35.11126812  
Lon: -95.94215499  
X: 2615449.92  
Y: 653298.17

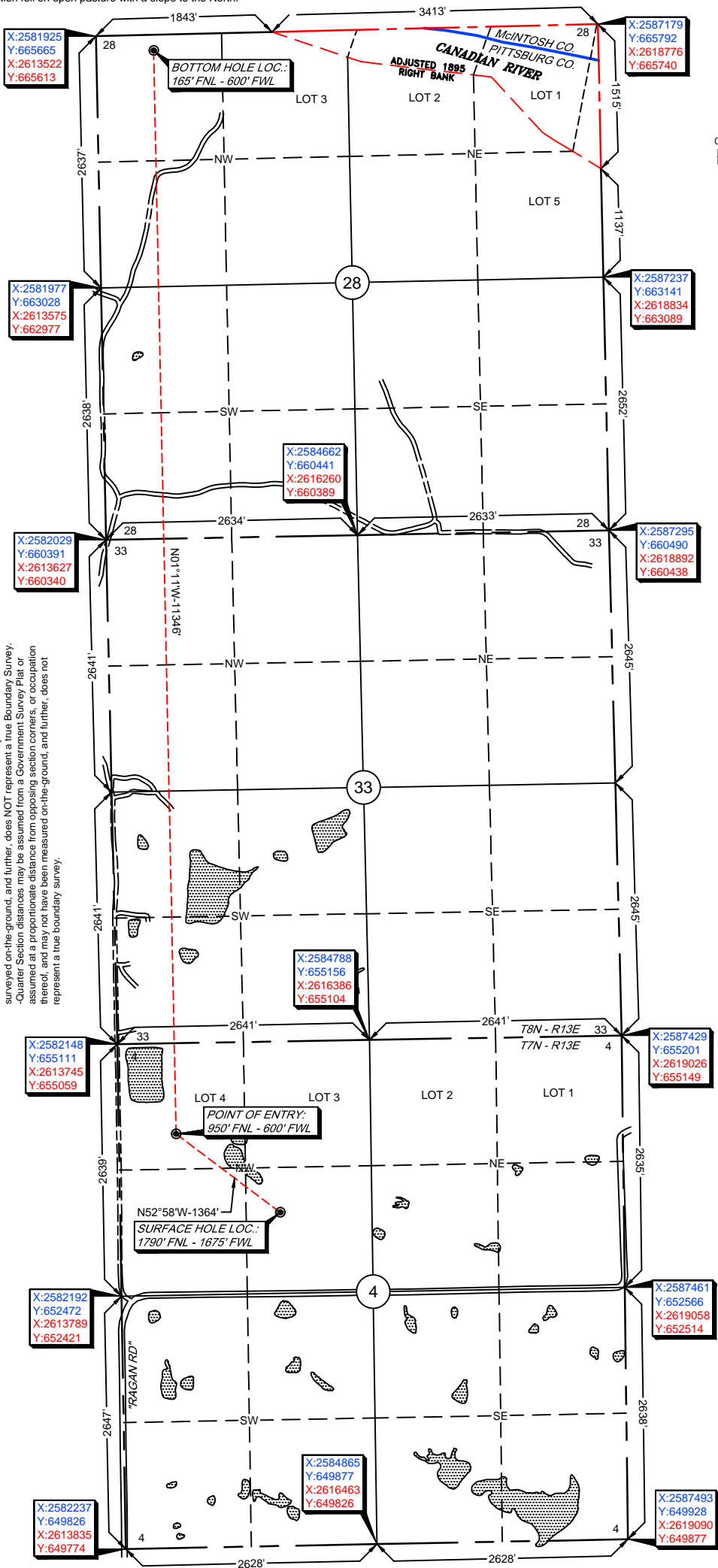
Point of Entry:  
Lat: 35°06'49.25"N  
Lon: 95°56'45.66"W  
Lat: 35.11368113  
Lon: -95.94601543  
X: 2582763.40  
Y: 654171.11

Point of Entry:  
Lat: 35°06'48.91"N  
Lon: 95°56'44.66"W  
Lat: 35.11358559  
Lon: -95.94573899  
X: 2614361.02  
Y: 654119.64

Bottom Hole Loc.:  
Lat: 35°08'41.47"N  
Lon: 95°56'45.71"W  
Lat: 35.14485251  
Lon: -95.94603143  
X: 2582527.76  
Y: 665514.38

Bottom Hole Loc.:  
Lat: 35°08'41.12"N  
Lon: 95°56'44.72"W  
Lat: 35.14475636  
Lon: -95.94575487  
X: 2614125.40  
Y: 665462.38

-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, 2022

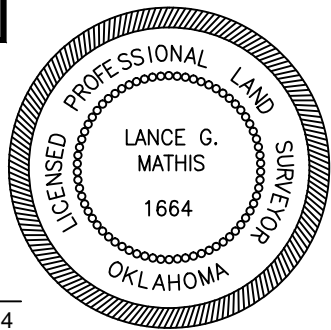
Certification:

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

05/10/2022

OK LPLS 1664



Invoice #9976-A-A

Date Staked: 05/03/2022

By: Z.D.

Date Drawn: 05/10/2022

By: M.K.