

API NUMBER: 063 24940 A

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

Approval Date: 12/13/2021  
Expiration Date: 06/13/2023

Multi Unit Oil & Gas

Amend reason: ADD EXCEPTION TO 600' RULE

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 28 Township: 8N Range: 12E County: HUGHES

SPOT LOCATION:  NW  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 258 2331

Lease Name: JASMINE Well No: 4-28-33WH Well will be 258 feet from nearest unit or lease boundary.  
Operator Name: CALYX ENERGY III LLC Telephone: 9189494224 OTC/OCC Number: 23515 0

CALYX ENERGY III LLC  
6120 S YALE AVE STE 1480  
TULSA, OK 74136-4226

THE CHARLES AND MARLENE GANN REVOCABLE TRUST  
3220 WALNUT ST  
LAMAR OK 74850

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

	Name	Code	Depth
1	MAYES	353MYES	4660
2	WOODFORD	319WDFD	4760
3	HUNTON	269HNTN	4810
4	SYLVAN	203SLVN	4810

Spacing Orders: 681858  
699143

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202102334  
202102335  
202102336  
202102337  
202200001

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

Special Orders: No Special

Total Depth: 15500 Ground Elevation: 913

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 150

Deep surface casing has been approved

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: 21-37989

H. (Other)

SEE MEMO

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.

**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: BED AQUIFER

Pit Location Formation: SENORA

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

**PIT 2 INFORMATION**

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: SENORA

**MULTI UNIT HOLE 1**

Section: 33 Township: 8N Range: 12E Meridian: 1M

Total Length: 10230

County: HUGHES

Measured Total Depth: 15500

Spot Location of End Point: SE SW SE SE

True Vertical Depth: 4900

Feet From: **SOUTH** 1/4 Section Line: 165End Point Location from  
Lease, Unit, or Property Line: 165Feet From: **EAST** 1/4 Section Line: 800**NOTES:**

Category	Description
DEEP SURFACE CASING	[11/23/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD - 202102334	[11/24/2021 - G56] - (I.O.) 28 & 33-8N-12E EST MULTIUNIT HORIZONTAL WELL X681858 MYES, WDFD, HNTN, SLVN 28-8N-12E X699143 MYES, WDFD, SLVN 33-8N-12E X540730 HNTN 33-8N-12E (MYES, HNTN, SLVN ARE ADJACENT CSS TO WDFD) 50% 28-8N-12E 50% 33-8N-12E NO OP NAMED REC 11/15/2021 (MOORE)
PENDING CD - 202102335	[11/24/2021 - G56] - (I.O.) 28 & 33-8N-12E X681858 MYES, WDFD, HNTN, SLVN 28-8N-12E X699143 MYES, WDFD, SLVN 33-8N-12E X540730 HNTN 33-8N-12E COMPL INT (28-8N-12E) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL INT (33-8N-12E) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP NAMED REC 11/15/2021 (MOORE)
PENDING CD - 202102336	[11/24/2021 - G56] - 28-8N-12E X681858 WDFD 1 WELL NO OP NAMED REC 11/15/2021 (MOORE)
PENDING CD - 202102337	[11/24/2021 - G56] - 33-8N-12E X699143 WDFD 1 WELL NO OP NAMED REC 11/15/2021 (MOORE)
PENDING CD - 202200001	[1/25/2022 - G56] - (I.O.) 28-8N-12E X165:10-3-28(C)(2)(B) WDFD (JASMINE 4-28-33WH) MAY BE CLOSER THAN 600' TO HARRIET 1-28 & HARRIET 2-28 WELLS NO OP NAMED REC 1/24/2022 (MOORE)
SPACING - 681858	[11/24/2021 - G56] - (640)(HOR) 28-8N-12E EXT 671215 MYES, WDFD, HNTN, SLVN, OTHER COMPL INT (MYES, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL INT (SLVN) NCT 330' FB (COEXIST WITH SP # 512931, WDFD # 520692 WDFD, HNTN)
SPACING - 699143	[11/24/2021 - G56] - (640)(HOR) 33-8N-12E VAC 540730 WDFD EXT 674146 MYES, WDFD, SLVN, OTHER COMPL INT (MYES) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL INT (SLVN) NCT 330' FB (COEXIST WITH SP # 540730 MSSP)



# Well Location Plat

S.H.L. Sec. 28-8N-12E I.M.  
B.H.L. Sec. 33-8N-12E I.M.

Operator: CALYX ENERGY III, LLC

Lease Name and No.: JASMINE 4-28-33WH

Surface Hole Location: 258' FNL - 2331' FEL Gr. Elevation: 913'

NW/4-NW/4-NW/4-NE/4 Section: 28 Township: 8N Range: 12E I.M.

Bottom Hole Location: 165' FSL - 800' FEL

SE/4-SW/4-SE/4-SE/4 Section: 33 Township: 8N Range: 12E I.M.

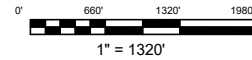
County: Hughes State of Oklahoma

Terrain at Loc.: Location fell in open pasture with small hill on NE side.

Pad slopes down towards SW corner.



All bearings shown  
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°08'39.97"N

Lon: 96°02'38.10"W

Lat: 35.14443748

Lon: -96.04391724

X: 2553272

Y: 664782

Surface Hole Loc.:

Lat: 35°08'39.64"N

Lon: 96°02'37.10"W

Lat: 35.14434312

Lon: -96.04363785

X: 2584870

Y: 664731

Point of Entry:

Lat: 35°08'40.87"N

Lon: 96°02'19.67"W

Lat: 35.14468676

Lon: -96.03879694

X: 2554801

Y: 664903

Point of Entry:

Lat: 35°08'40.53"N

Lon: 96°02'18.66"W

Lat: 35.14459224

Lon: -96.03851767

X: 2586399

Y: 664852

Bottom Hole Loc.:

Lat: 35°06'59.76"N

Lon: 96°02'19.46"W

Lat: 35.11659998

Lon: -96.03873793

X: 2555017

Y: 654682

Bottom Hole Loc.:

Lat: 35°06'59.42"N

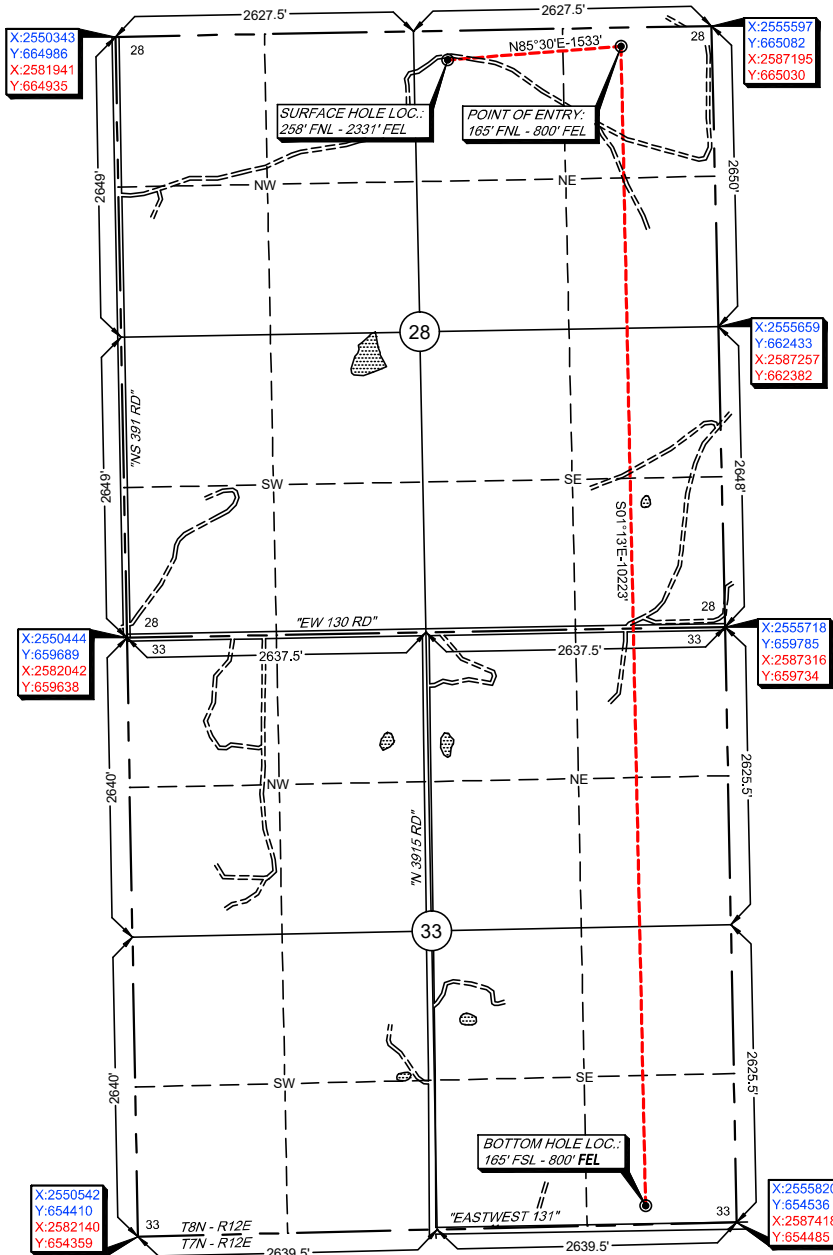
Lon: 96°02'18.45"W

Lat: 35.11650597

Lon: -96.03845874

X: 2586615

Y: 654631



-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

Invoice #9708-D

Date Staked: 11/08/2021 By: H.S.

Date Drawn: 11/09/2021 By: S.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

11/15/2021

OK LPLS 1664

