

API NUMBER: 063 24940 B

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 CANEY FORMATION

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	CANEY	354CNEY	4160
2	MAYES	353MYES	4660
3	WOODFORD	319WDFD	4760
4	HUNTON	269HNTN	4810
5	SYLVAN	203SLVN	4810

Spacing Orders: 681858 Location Exception Orders: 721990 Increased Density Orders: 721929
699143 723282 722127
721989

Pending CD Numbers: No Pending

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

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

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: 33	Township: 8N	Range: 12E	Meridian: IM	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: 165		End Point Location from	
Feet From: EAST	1/4 Section Line: 800		Lease, Unit, or Property Line: 165	

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
EXCEPTION TO RULE - 723282	[4/25/2022 - 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 2/3/2022
INCREASED DENSITY - 721929	[4/25/2021 - G56] - (I.O.) 28-8N-12E X681858 WDFD 1 WELL CALYX ENERGY III, LLC 12/1/2021
INCREASED DENSITY - 722127	[11/24/2021 - G56] - (I.O.) 33-8N-12E X699143 WDFD 1 WELL CALYX ENERGY III, LLC 12/10/2021
LOCATION EXCEPTION - 721990	[4/25/2021 - G56] - (I.O.) 28 & 33-8N-12E X681858 MYES, WDFD, HNTN, SLVN 28-8N-12E X699143 CNEY, 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 CALYX ENERGY III, LLC 12/3/2021
SPACING - 681858	[4/20/2022 - G56] - (640)(HOR) 28-8N-12E EXT 671215 CNEY, MYES, WDFD, HNTN, SLVN COMPL INT (MYES, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL INT (CNEY, SLVN) NCT 330' FB (COEXIST WITH SP # 512931, CNEY, WDFD # 520692 MCNY, WDFD, HNTN)
SPACING - 699143	[4/25/2021 - G56] - (640)(HOR) 33-8N-12E VAC 540730 WDFD EXT 674146 CNEY, MYES, WDFD, SLVN COMPL INT (MYES) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL INT (CNEY, SLVN) NCT 330' FB (COEXIST WITH SP # 540730 MSSP)
SPACING - 721989	[4/25/2021 - G56] - (I.O.) 28 & 33-8N-12E EST MULTIUNIT HORIZONTAL WELL X681858 MYES, WDFD, HNTN, SLVN 28-8N-12E X699143 CNEY, MYES, WDFD, SLVN 33-8N-12E X540730 HNTN 33-8N-12E (MYES, HNTN, SLVN ARE ADJACENT CSS TO CNEY, WDFD) 50% 28-8N-12E 50% 33-8N-12E NO OP NAMED 12/3/2021

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.

063 24940 JASMINE 4-28-33WH