

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

API NUMBER: 063 24693 A

Approval Date: 08/02/2017
Expiration Date: 02/02/2018

Horizontal Hole Oil & Gas

Amend reason: CORRECT SURFACE LOCATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 9N Rge: 11E County: HUGHES
SPOT LOCATION: SW NW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 930 250

Lease Name: ADAMS Well No: 2-36-25CH Well will be 250 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

JOAN TRIMBLE
8851 E. 124TH, APT A
DUSTIN OK 74839

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 665769
666472

Location Exception Orders: 666526

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14000

Ground Elevation: 840

Surface Casing: 480

Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32911

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 25 Twp 9N Rge 11E County HUGHES

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 3011

Radius of Turn: 477

Direction: 2

Total Length: 10240

Measured Total Depth: 14000

True Vertical Depth: 4600

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

7/31/2017 - G58 - OCC 165:10-3-10 REQUIRES:

- 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;
- 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,
- 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

LOCATION EXCEPTION - 666526

1/18/2018 - G75 - (I.O.) 36 & 25-9N-11E
X665769 MSSP
COMPL. INT. (36-9N-11E) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL
COMPL. INT. (25-9N-11E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL
CALYX ENERGY III, LLC
8-2-2017

SPACING - 665769

8/1/2017 - G75 - (640)(HOR) 25 & 36-9N-11E
EXT 660420 MSSP, OTHER
EST OTHER
COMPL. INT. NLT 660' FB
(COEXIST SP. ORDER # 521880 MSSP 25-9N-11E & ORDER # 538185 MSSP 36-9N-11E)

SPACING - 666472

1/18/2018 - G75 - (I.O.) 36 & 25-9N-11E
EST MULTIUNIT HORIZONTAL WELL
X665769 MSSP
50% 36-9N-11E
50% 25-9N-11E
CALYX ENERGY III, LLC
8-1-2017