

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

API NUMBER: 063 24621

Approval Date: 10/14/2016  
Expiration Date: 04/14/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 9N Rge: 10E County: HUGHES  
SPOT LOCATION:  SE  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 550 1745

Lease Name: MEADORS Well No: 25-2H Well will be 550 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

RANDY MEADORS  
P O BOX 302  
WETUMKA OK 74883

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	3530	6	
2	WOODFORD	3800	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604010  
201604481  
201604482

Special Orders:

Total Depth: 8930 Ground Elevation: 723

Surface Casing: 450

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

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31693  
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 10E County HUGHES

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1295

Depth of Deviation: 2760

Radius of Turn: 815

Direction: 355

Total Length: 4890

Measured Total Depth: 8930

True Vertical Depth: 3800

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

Notes:

Category	Description
HYDRAULIC FRACTURING	10/13/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201604010	10/14/2016 - G64 - (E.O.)(640)(HOR) 25-9N-10E EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL REC. 10-4-2016 (JOHNSON)
PENDING CD - 201604481	10/14/2016 - G64 - (E.O.) 25-9N-10E X201604010 MSSP, WDFD SHL (36-9N-10E) 550' FNL, 1745' FWL COMPL. INT. (25-9N-10E) NCT 165' FSL, NCT 165' FNL, NCT 660' FWL NO OP. NAMED REC. 10-14-2016 (JOHNSON)
PENDING CD - 201604482	10/14/2016 - G64 - (E.O.) 25-9N-10E X201604010 MSSP, WDFD 1 WELL NO OP. NAMED REC. 10-14-2016 (JOHNSON)

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API: 063 24621

19-1HX



1295'

165'



1745'



165'



36



CALYX ENERGY III, LLC

Meadors 25-2H

- Oil Well
- Plugged & Abandoned Oil Well
- Gas Well
- Plugged & Abandoned Gas Well
- Service Well
- Dry Hole
- Temporarily Abandoned

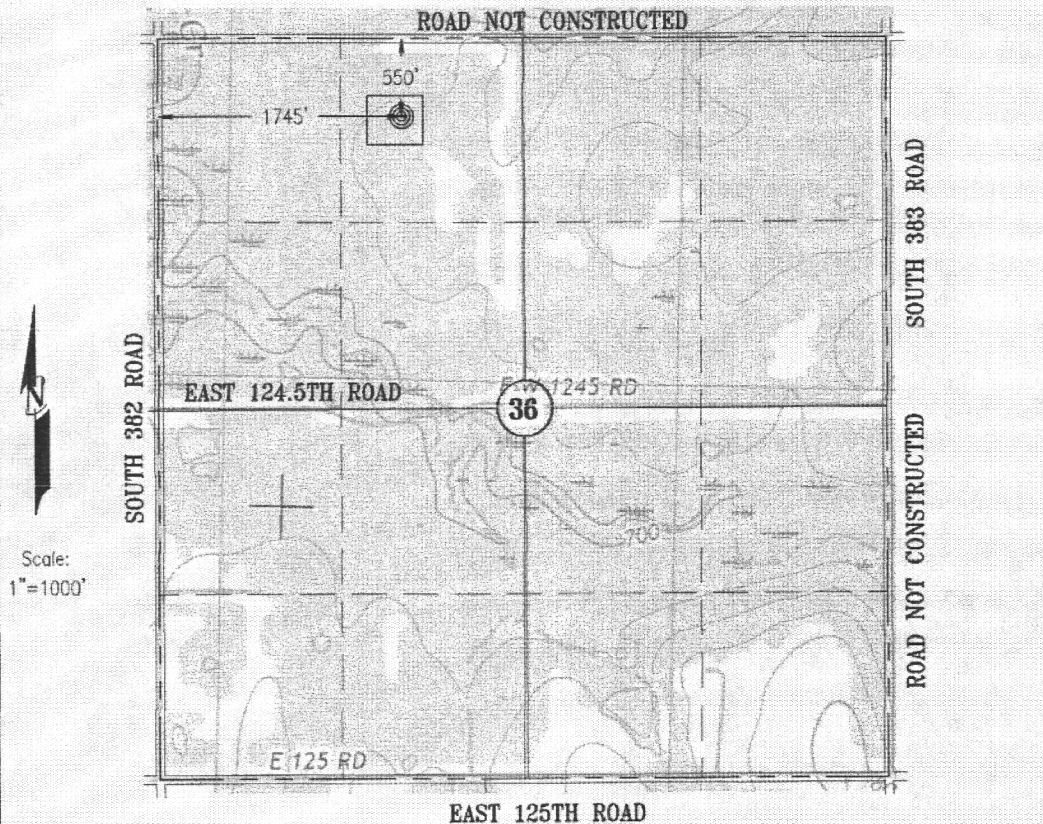
October 14, 2016



# PROPOSED WELL LOCATION

Hughes County, Oklahoma

1745' FWL, 550' FNL NW/4 Section 36, Township 09N, Range 10E I.M.



Bottom Hole, Landing Point, and Drill Path information provided by operator listed, NOT Surveyed; distance between drill paths are calculated.

Operator: CALYX ENERGY III, LLC

Lease Name: MEADORS

Well No.: 25-2 H

Topography & Vegetation: LOCATION FELL IN PASTURE LAND

Good Drill Site: YES

Best Accessibility to Location: FROM SOUTH

Distance and Direction from Hwy Junction or Town: FROM THE INTERSECTION OF EAST 124 ROAD AND STATE HIGHWAY 75  
EAST 2.3 MILES TO WELL PAD

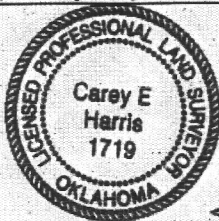
Above Background data from U.S.G.S. Topographic Map

Contour Interval 10'

**ELEVATION:**

723' GR. AT STAKE

Keystone Engineering and Land Surveying, Inc. CA #5877 Exp. 6/30/17 P.O. Box 436 Stillwater, OK. 74076 Ph. (405) 743-3355



**CERTIFICATE:**

W16-004

REVISED 10/10/16

I, Carey E. Harris, an Oklahoma Professional Land Surveyor and an authorized agent of Keystone Engineering and Land Surveying, Inc., does hereby certify that on July 27th, 2016, the above described well location was surveyed on the ground as shown herein.

*CEH* 10 Oct 16  
Carey E. Harris, Oklahoma Professional Land Surveyor No. 1719

(THE FOLLOWING INFORMATION WAS GATHERED USING A GPS RECEIVER. ACCURACY ±3 FOOT.)

GPS DATUM: NAD-83

LATITUDE: 35°12'58" N

LONGITUDE: 96°12'19" W

STATE PLANE COORDINATES

ZONE: OK SOUTH

X: 2504538

Y: 688929