

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

API NUMBER: 063 24901

Approval Date: 12/06/2019

Expiration Date: 06/06/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 8N Rge: 11E County: HUGHES

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 417 1985

Lease Name: EISENHOWER

Well No: 3-26-25WH

Well will be 417 feet from nearest unit or lease boundary.

Operator CALYX ENERGY III LLC
Name:

Telephone: 9189494224

OTC/OCC Number: 23515 0

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

RON JENKINS
P O BOX 57
HICHITA OK 74438

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4000	6	
2	WOODFORD	4540	7	
3	HUNTON	4590	8	
4			9	
5			10	

Spacing Orders: 665769
705392

Location Exception Orders: 703251

Increased Density Orders: 703071
703072

Pending CD Numbers:

Special Orders:

Total Depth: 15000

Ground Elevation: 901

Surface Casing: 530

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 BED AQUIFER

Pit Location Formation: SENORA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37098
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 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.

HORIZONTAL HOLE 1

Sec 25 Twp 9N Rge 11E County HUGHES

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2200

Depth of Deviation: 3714

Radius of Turn: 500

Direction: 350

Total Length: 10500

Measured Total Depth: 15000

True Vertical Depth: 4600

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/22/2019 - G71 - 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

INCREASED DENSITY - 703071 (201904447) 12/6/2019 - GB6 - 25-9N-11E
X665769 WDFD
3 WELLS
CALYX ENERGY III, LLC
10/01/2019

INCREASED DENSITY - 703072 (201904448) 12/6/2019 - GB6 - (I.O.) 36-9N-11E
X665769 WDFD
3 WELLS
CALYX ENERGY III, LLC
10/01/2019

LOCATION EXCEPTION - 703251 (201904442) 12/6/2019 - GB6 - (I.O.) 25 & 36 -9N-11E
X665769 MSSP, WDFD, HNTN
COMPL. INT. (36-9N-11E) NCT 165' FSL, NCT 0' FNL, NCT 1500' FWL
COMPL. INT. (25-9N-11E) NCT 0' FSL, NCT 165' FNL, NCT 1500' FWL
CALYX ENERGY III, LLC
10/04/2019

SPACING - 665769 12/6/2019 - GB6 - (640)(HOR) 25 & 36 -9N-11E
EXT 660420 MSSP, WDFD
EST HNTN
(COEXIST SP. ORDER #521880 MSSP, WDFD, HNTN 25-9N-11E, SP. ORDER # 538185 MSSP, WDFD, HNTN 36-9N-11E)

SPACING - 705392 (201904441) 12/6/2019 - GB6 - (I.O.) 25 & 36 -9N-11E
EST MULTIUNIT HORIZONTAL WELL
X665769 MSSP, WDFD, HNTN
(MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)
50% 25-9N-11E
50% 36-9N-11E
CALYX ENERGY, LLC
11/20/2019

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063 24901 EISENHOWER 3-26-25WH

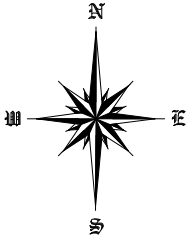
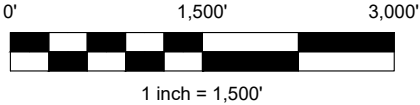


Well Location Plat

S.H.L. Sec 1-8N-11E I.M.
B.H.L. Sec 25-9N-11E I.M.

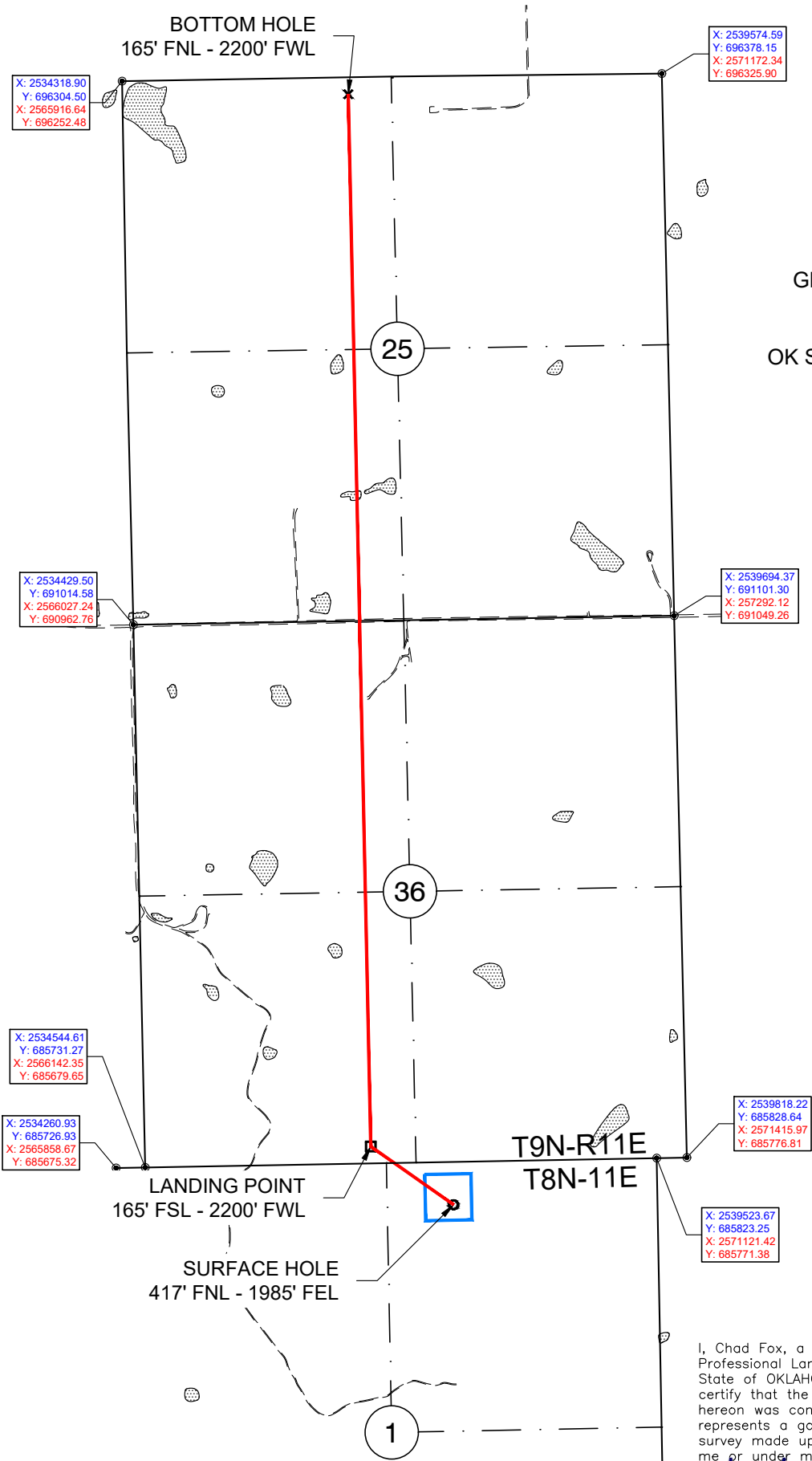
Operator: CALYX ENERGY III, LLC
Lease Name and No.: EISENHOWER 3-36-25WH
Footage: 417' FNL - 1985' FEL Gr. Elevation: 901'
Section: 1 Township: 8N Range: 11E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Gradual slope in trees

063-24901



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

SURFACE HOLE Lat: N035°12'06.53" Lon: W096°05'42.74" Lat: N035.201814 Lon: W096.095204 X: 2537547.25 Y: 685369.39
SURFACE HOLE Lat: N035°12'06.19" Lon: W096°05'41.72" Lat: N035.201721 Lon: W096.094924 X: 2569145.00 Y: 685317.65
LANDING POINT Lat: N035°12'12.29" Lon: W096°05'52.32" Lat: N035.203415 Lon: W096.097868 X: 2536740.65 Y: 685936.84
LANDING POINT Lat: N035°12'11.96" Lon: W096°05'51.31" Lat: N035.203321 Lon: W096.097587 X: 2568338.39 Y: 685885.14
BOTTOM HOLE Lat: N035°13'53.59" Lon: W096°05'52.64" Lat: N035.231554 Lon: W096.097955 X: 2536521.50 Y: 696176.85
BOTTOM HOLE Lat: N035°13'53.17" Lon: W096°05'51.63" Lat: N035.231435 Lon: W096.097675 X: 2568119.40 Y: 696115.68



I, Chad Fox, a duly registered Professional Land Surveyor in the State of OKLAHOMA, do hereby certify that the drawing shown hereon was completed and represents a good and accurate survey made upon the ground by me or under my direct supervision.

Chad Fox
CHAD FOX P.L.S. NO. 1758
EX. DATE: 31JAN20 C.O.A. NO. 6186



AND ASSOCIATES, LLC.
(918) 649-3303
208 Dewey Ave. Poteau, OK 74953
Certificate of Authorization No. 6186
Date Staked: 09/10/18
Date Drawn: 11/07/19

NOTES:
1. This survey does not represent a boundary survey. It is for Geographical Information Systems (GIS) purposes only as instructed by the client and is not to be relied upon for the establishment of fences, buildings or other further improvement lines. Positions were taken with Survey Grade RTK GPS and NGS OPUS processed control using the NAD83 Oklahoma South State Plane Coordinate System.
2. Bottom hole information provided by operator listed, not surveyed and corner coordinates are taken from points surveyed in field.