

API NUMBER: 051 25001

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

Approval Date: 01/30/2023

Expiration Date: 07/30/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 5N Range: 8W County: GRADY

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2372 795

Lease Name: HARRIS Well No: 3-2-11 LMH Well will be 259 feet from nearest unit or lease boundary.

Operator Name: TROY ENERGY OPERATING LLC Telephone: 4058424500 OTC/OCC Number: 24556 0

TROY ENERGY OPERATING LLC
5605 N CLASSEN BLVD
OKLAHOMA CITY, OK 73118

JERRY B. HARRIS
P.O. BOX 55
CHICKASHA OK 73023

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

Name	Code	Depth
1 HOXBAR	405HXBR	11159

Spacing Orders: 649151
627028
730880

Location Exception Orders: 731620

Increased Density Orders: 731621
730872

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 18710

Ground Elevation: 1140

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 820

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:

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

PERMIT NO: 22-38793

H. (Other)

SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

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: 2	Township: 5N	Range: 8W	Meridian: IM	Total Length: 7154
	County: GRADY			Measured Total Depth: 18710
Spot Location of End Point: E2	NE	NW	NE	True Vertical Depth: 11170
Feet From: NORTH		1/4 Section Line: 330		End Point Location from
Feet From: EAST		1/4 Section Line: 1580		Lease, Unit, or Property Line: 330

NOTES:

Category	Description
DEEP SURFACE CASING	[1/18/2023 - GC2] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	[1/18/2023 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INCREASED DENSITY - 730872 (CD2022-004182)	[1/30/2023 - GB7] - (E.O.) 2-5N-8W X627028 HXBR 1 WELL TROY ENERGY ANADARKO LLC TROY ENERGY OPERATING LLC 12/22/2022
INCREASED DENSITY - 731621	[1/30/2023 - GB7] - 11-5N-8W X649151 HXBR 1 WELL TROY ENERGY ANADARKO LLC TROY ENERGY OPERATING LLC 01/24/2023
LOCATION EXCEPTION - 731620 (CD2022-004906)	[1/30/2023 - GB7] - (E.O.) N2 & SW4 11-5N-8W AND 2-5N-8W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO HARRIS 1-2 UMH (API# 051-24069), HARRIS 2-2 CMH (API# 051-24070), SNEDEKER 1-11 (API# 051-21388), AND GOODWIN 1 (API# 051-21432) X649151 HXBR X627028 HXBR COMPL INT (NE4 11-5N-8W) NCT 500' FSL, 0' FNL, 1320' FEL COMPL INT (2-5N-8W) NCT 0' FSL, 330' FNL, 1320' FEL TROY ENERGY ANADARKO LLC TROY ENERGY OPERATING LLC 12/22/2022
MEMO	[1/18/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 627028	[1/30/2023 - GB7] - (640)(HOR) 2-5N-8W EXT 623922 HXBR COMPL. INT. NLT 660' FB COEXIST WITH SP. ORDER 87714 HXBRL)
SPACING - 649151	[1/30/2023 - GB7] - (480)(HOR)(IRR) N2, SW4 11-5N-8W EXT 622116 HXBR COMPL. INT. NLT 660' FB (COEXIST WITH SP. ORDER 261173 MRCD, MDRO, WADEU, WADEL N2, SW4; SP. ORDER 495612 CULP, MLTN N2, SW4)
SPACING - 730880 (CD2022-004895)	[1/30/2023 - GB7] - (E.O.) N2 & SW4 11-5N-8W AND 2-5N-8W EST MULTIUNIT HORIZONTAL WELL X649151 HXBR (N2 & SW4 11-5N-8W) X627028 HXBR (2-5N-8W) N2 & SW4 11-5N-8W 33% 2-5N-8W 67% TROY ENERGY ANADARKO LLC TROY ENERGY OPERATING LLC 12/22/2022

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051 25001 HARRIS 3-2-11 LMH