

API NUMBER: 045 23892

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

Approval Date: 03/07/2023
Expiration Date: 09/07/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 25 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW
FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 700

Lease Name: MELISSA Y 24-13-18N-24W Well No: 1H Well will be 200 feet from nearest unit or lease boundary.
Operator Name: UPLAND OPERATING LLC Telephone: 8303318929 OTC/OCC Number: 24743 0

UPLAND OPERATING LLC
424 S MAIN ST
BOERNE, TX 78006-2338

JEFFREY HEMBREE, TRUSTEE OF CONSTANCE A HEMBREE REV
TRUST DTD 12/15/86
7270 AMBER FALLS LANE
BLYNTON BEACH FL 33437-6326

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

	Name	Code	Depth
1	CHEROKEE GROUP	404CHRG	9665
2	CHEROKEE	404CHRK	9665

Spacing Orders: 202657
592221

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202300447
202300450

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20650 Ground Elevation: 2455

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 810

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: 23-38878

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST

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: OGALLALA

MULTI UNIT HOLE 1

Section: 13 Township: 18N Range: 24W Meridian: IM

Total Length: 10591

County: ELLIS

Measured Total Depth: 20650

Spot Location of End Point: NW NE NW NW

True Vertical Depth: 10059

Feet From: NORTH 1/4 Section Line: 165

End Point Location from

Feet From: WEST 1/4 Section Line: 700

Lease, Unit, or Property Line: 165

NOTES:

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.

Category	Description
DEEP SURFACE CASING	[3/1/2023 - 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	<p>[2/24/2023 - GB1] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
PENDING CD - 2023-000447	<p>[3/1/2023 - GC2] - (E.O.) 13 & 24-18N-24W EST MULTIUNIT HORIZONTAL WELL X202657 CHRKP 13-18N-24W X592221 CHRK 24-18N-24W 50% 13-18N-24W 50% 24-18N-24W UPLAND OPERATING LLC REC. 2/28/2023 (NORRIS)</p>
PENDING CD - 2023-000450	<p>[3/1/2023 - GC2] - (E.O.) 13 & 24-18N-24W X202657 CHRKP 13-18N-24W X592221 CHRK 24-18N-24W COMPL. INT. (24-18N-24W) NCT 165' FSL, NCT 660' FWL COMPL. INT. (13-18N-24W) NCT 165' FNL, NCT 660' FWL UPLAND OPERATING LLC REC. 2/28/2023 (NORRIS)</p>
SPACING - 202657	<p>[3/1/2023 - GC2] - (640) 13-18N-24W EST OTHERS EXT OTHERS EXT 177605 CHRGP, OTHER</p>
SPACING - 592221	<p>[3/1/2023 - GC2] - (640)(HOR) 24-18N-24W EXT 584952 CHRK, OTHERS EST OTHERS COMPL. INT. (CHRK) NLT 660' FB (COEXIST SP. ORDER #202657 CHRK)</p>