

API NUMBER: 017 25869

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

Approval Date: 10/13/2022

Expiration Date: 04/13/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 12N Range: 8W County: CANADIAN

SPOT LOCATION: ☐ SW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 375 2441

Lease Name: LIMELIGHT 28_33-12N-8W

Well No: 1MHX

Well will be 375 feet from nearest unit or lease boundary.

Operator Name: PALOMA OPERATING CO INC

Telephone: 7136548534

OTC/OCC Number: 23932 0

PALOMA OPERATING CO INC
1100 LOUISIANA ST STE 5100
HOUSTON, TX 77002-5220

JACK E. HUNT
5103 S. FORT RENO RD
EL RENO OK 73036

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

Name	Code	Depth
1 MISSISSIPPI	351MISS	10090

Spacing Orders: 131699
135706

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203768
202203769
202203770
202203767

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 22000

Ground Elevation: 1445

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 350

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38634

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: DOG CREEK

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: DOG CREEK

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: 33	Township: 12N	Range: 8W	Meridian: IM	Total Length: 7751
County: CANADIAN				Measured Total Depth: 22000
Spot Location of End Point: SE	SE	SE	NW	True Vertical Depth: 12000
Feet From: NORTH	1/4 Section Line: 2638		End Point Location from	
Feet From: WEST	1/4 Section Line: 2408		Lease, Unit, or Property Line: 2408	

NOTES:

Category	Description
DEEP SURFACE CASING	[10/11/2022 - 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	[10/11/2022 - 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
MEMO	[10/11/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202203767	[10/13/2022 - GB1] - (I.O.) 28 & 33-12N-8W EST MULTIUNIT HORIZONTAL WELL X131699 MISS 28-12N-8W X135706 MISS 33-12N-8W 67% 28-12N-8W 33% 33-12N-8W NO OP NAMED REC 10/10/2022 (THOMAS)
PENDING CD - 202203768	[10/13/2022 - GB1] - (I.O.) 28 & 33-12N-8W X131699 MISS 28-12N-8W X135706 MISS 33-12N-8W COMPL INT (28-12N-8W) NCT 165' FNL, NCT 0' FSL, NCT 660' FWL COMPL INT (33-12N-8W) NCT 0' FNL, NCT 2600' FSL, NCT 660' FWL NO OP NAMED REC 10/10/2022 (THOMAS)
PENDING CD - 202203769	[10/13/2022 - GB1] - 28-12N-8W X131699 MISS 1 WELL NO OP NAMED REC 10/10/2022 (THOMAS)
PENDING CD - 202203770	[10/13/2022 - GB1] - 33-12N-8W X135706 MISS 3 WELLS NO OP NAMED REC 10/10/2022 (THOMAS)
SPACING - 131699	[10/13/2022 - GB1] - (640) 28-12N-8W EXT 122864 MISS, OTHER
SPACING - 135706	[10/13/2022 - GB1] - (640) 33-12N-8W EXT OTHERS EXT 122884 MISS, OTHER

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.

017 25869 LIMELIGHT 28_33-12N-8W 1MHX