

API NUMBER: 093 25303

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

Approval Date: 07/19/2023

Expiration Date: 01/19/2025

Straight Hole

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 21N Range: 15W County: MAJOR

SPOT LOCATION: ☐ NW ☐ NE ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1450 475

Lease Name: MARY Well No: 1-11 Well will be 475 feet from nearest unit or lease boundary.

Operator Name: LATIGO OIL AND GAS INC Telephone: 5802561416 OTC/OCC Number: 10027 0

LATIGO OIL AND GAS INC

WOODWARD, OK 73802-1208

MARY E CASE

237704 E COUNTY ROAD 48

FAIRVIEW OK 73802

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

Name	Code	Depth	Name	Code	Depth
1 VIRGILIAN	406VRGN	5100	6 MISSISSIPPI LIME	351MSSL	8100
2 MUSSELLEM	405MSLM	6350	7 HUNTON	269HNTN	8900
3 OSWEGO	404OSWG	6850	8 VIOLA	202VIOL	9400
4 CHEROKEE SAND	404CHRKS	7150	9 SIMPSON	202SMPS	9650
5 CHESTER LIME	354CRLM	7400	10 ARBUCKLE	169ABCK	9950

Spacing Orders: 734783

Location Exception Orders: 735486

Increased Density Orders: 735342

38137

58428

319353

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 10300

Ground Elevation: 1662

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 540

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: 23-39142

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 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

### 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
HYDRAULIC FRACTURING	<p>[7/11/2023 - GE7] - 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: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 735342	<p>[7/19/2023 - G56] - 11-21N-15W  X58428 CHRKS  X38137 CRLM  X319353 MSSLM  1 WELL  LATIGO OIL &amp; GAS, INC  6/27/2023</p>
LOCATION EXCEPTION - 735486	<p>[7/19/2023 - G56] - (F.O.) 11-21N-15W  X38137 CRLM  X58428 CHRKS  X319353 MSLM, OSWG, MSSLM, HNTN  X734783 VRGN, VIOL, SMPS, ABCK, OTHER  SHL 1450' FNL, 475' FEL  LATIGO OIL &amp; GAS, INC  7/3/2023</p>
SPACING - 319353	<p>[7/19/2023 - G56] - (640) 11-21N-15W  EXT 35186/89540 MSLM  EXT 61294/89580 OSWG  EXT 67813/89580 MSSLM  EXT 66542/89580 HNTN</p>
SPACING - 38137	<p>[7/19/2023 - G56] - (640) 11-21N-15W  EXT 35186 CRLM</p>
SPACING - 58428	<p>[7/19/2023 - G56] - (640) 11-21N-15W  EXT 38138/56638 CHRKS</p>
SPACING - 734783	<p>[7/19/2023 - G56] - (640) 11-21N-15W  EST VRGN, VIOL, SMPS, ABCK, OTHER</p>