

API NUMBER: 015 23325

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

Approval Date: 02/10/2022
Expiration Date: 08/10/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 9N Range: 10W County: CADDO

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2416 1801

Lease Name: SERGEANT MAJOR 18-19-30-9-10 Well No: #1HXL Well will be 1801 feet from nearest unit or lease boundary.
Operator Name: LYNX OKLAHOMA OPERATING LLC Telephone: 4052863904 OTC/OCC Number: 24306 0

LYNX OKLAHOMA OPERATING LLC
PO BOX 54859
OKLAHOMA CITY, OK 73154-1859

CAROL S. STRAIN AND RICHARD P. STRAIN
P.O. BOX 238
BINGER OK 73009

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

| Name | Code | Depth |
|------------|---------|-------|
| 1 MARCHAND | 405MRCD | 8680 |

Spacing Orders: 720705
702809
720706

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202100109
202100110

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20000 Ground Elevation: 1251

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 270

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: 22-38103

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: 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: 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: 30 | Township: 9N | Range: 10W | Meridian: IM | Total Length: 8778 | |
| County: CADDO | | | | Measured Total Depth: 20000 | |
| Spot Location of End Point: SE SE SE NW | | | | True Vertical Depth: 9995 | |
| Feet From: NORTH | | 1/4 Section Line: 2500 | | End Point Location from | |
| Feet From: WEST | | 1/4 Section Line: 2539 | | Lease, Unit, or Property Line: 2500 | |

| Additional Surface Owner(s) | Address | City, State, Zip |
|---|---------------------------|-------------------|
| CAITLIN MICHELLE HARRISON | 2102 N. TUCKER | SHAWNEE, OK 74804 |
| MARY J. LARIMORE | 1509 W. ASH ST. | EL RENO, OK 73036 |
| DONNA G. HAMILTON & DELBERT M. HAMILTON | 140465 COUNTY STREET 2530 | LOOKEBA, OK 73053 |
| KIMBERLY ANNE STEER | 109 TEAL DR. | SHAWNEE, OK 74804 |

NOTES:

| Category | Description |
|------------------------|--|
| DEEP SURFACE CASING | [2/10/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING |
| HYDRAULIC FRACTURING | <p>[2/10/2022 - GC2] - 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 HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; 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> |
| MEMO | [2/10/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - SUGAR CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT |
| PENDING CD - 202100109 | <p>[2/10/2022 - G56] - (I.O.) 18, 19 & 30-9N-10W EST MULTIUNIT HORIZONTAL WELL X720705 MRCD 18-9N-10W X720706 MRCD 19-9N-10W X702809 MRCD 30-9N-10W 19.29% 18-9N-10W 40.84% 19-9N-10W 39.87% 30-9N-10W NO OP NAMED REC 1/25/2022 (MYLES)</p> |
| PENDING CD - 202100110 | <p>[2/10/2022 - G56] - (I.O.) 18, 19 & 30-9N-10W X720705 MRCD 18-9N-10W X720706 MRCD 19-9N-10W X702809 MRCD 30-9N-10W COMPL INT (18-9N-10W) NCT 1320' FNL OR FSL, NCT 0' FSL, NCT 660' FWL COMPL INT (19-9N-10W) NCT 0' FNL, NCT 0' FSL, NCT 660' FWL COMPL INT (30-9N-10W) NCT 0' FNL, NCT 165' FSL, NCT 660' FWL NO OP NAMED REC 1/25/2022 (MYLES)</p> |
| SPACING - 702809 | <p>[2/10/2022 - G56] - (640)(HOR) 30-9N-10W VAC 237649 MRCD EST MRCD POE TO BHL NCT 660' FB</p> |
| SPACING - 720705 | <p>[2/10/2022 - G56] - (640)(HOR) 18-9N-10W VAC 113158 MRCD N2, SE4 EST MRCD POE TO BHL NLT 660' FB (COEXIST WITH SP # 113158 MRCD SW4)</p> |
| SPACING - 720706 | <p>[2/10/2022 - G56] - (640)(HOR) 19-9N-10W VAC 113158 MRCD S2 EST MRCD POE TO BHL NCT 660' FB (COEXIST WITH SP # 113158 MRCD N2)</p> |

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.

015 23325 SERGEANT MAJOR 18-19-30-9-10 #1HXL



Well Location Plat

S.H.L. Sec. 18-9N-10W I.M.
B.H.L. Sec. 30-9N-10W I.M.

Operator: LYNX OKLAHOMA OPERATING, LLC.
Lease Name and No.: SERGEANT MAJOR 18-19-30-9-10 #1HXL
Surface Hole Location: 2416' FSL - 1801' FWL Gr. Elevation: 1251'
NE/4-NW/4-NE/4-SW/4 Section: 18 Township: 9N Range: 10W I.M.
Bottom Hole Location: 2500' FNL - 2539' FWL
SE/4-SE/4-SE/4-NW/4 Section: 30 Township: 9N Range: 10W I.M.
County: Caddo State of Oklahoma
Terrain at Loc.: Location fell on flat, wheat/hay field.



All bearings shown
are grid bearings.

0' 500' 1000' 1500'
1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°15'14.13"N
Lon: 98°18'00.27"W
Lat: 35.25392528
Lon: -98.30007373
X: 1910404
Y: 699081

Kick Off Point:
Lat: 35°15'16.06"N
Lon: 98°18'00.30"W
Lat: 35.25446052
Lon: -98.30008385
X: 1910401
Y: 699276

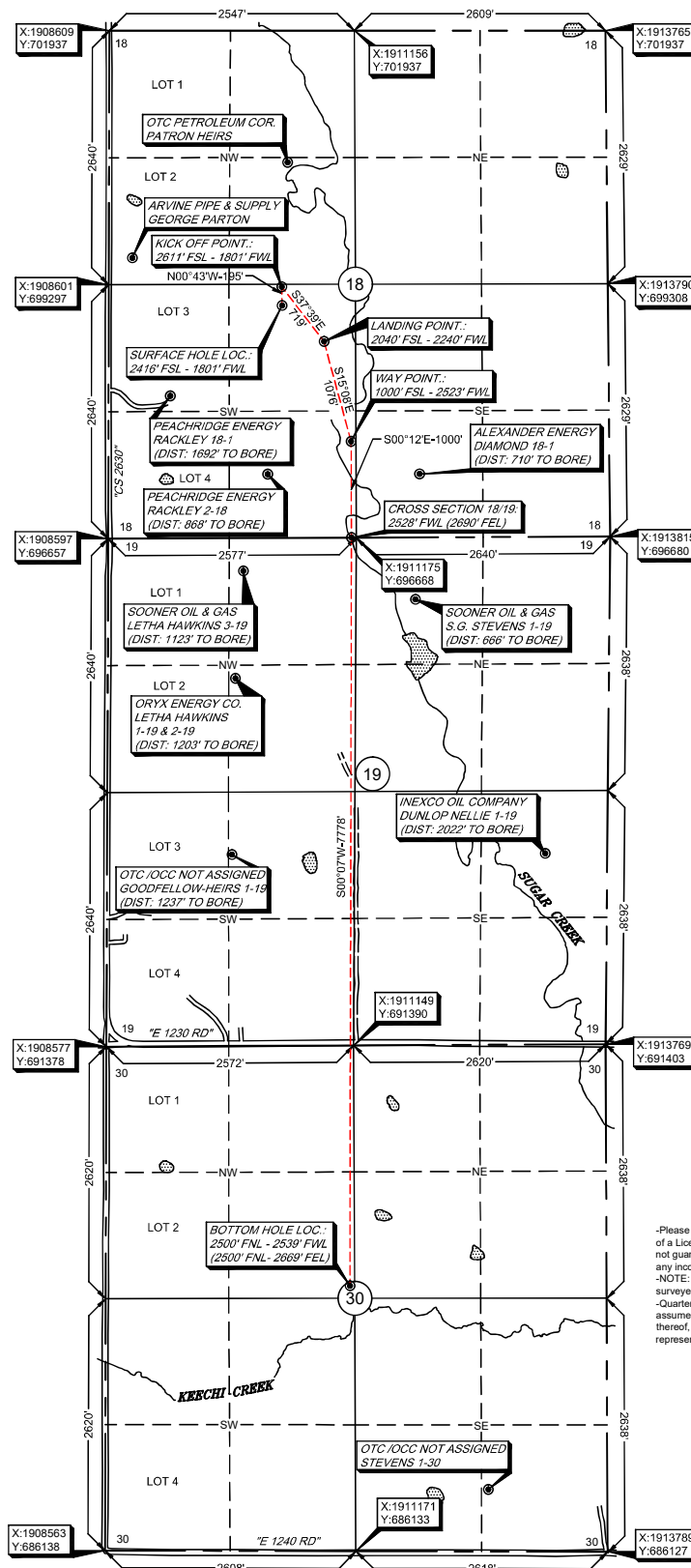
Landing Point:
Lat: 35°15'10.44"N
Lon: 98°17'54.99"W
Lat: 35.25290003
Lon: -98.29860752
X: 1910840
Y: 698707

Way Point:
Lat: 35°15'00.17"N
Lon: 98°17'51.56"W
Lat: 35.25004834
Lon: -98.29765629
X: 1911121
Y: 697668

Cross Section:
Lat: 35°14'50.28"N
Lon: 98°17'51.48"W
Lat: 35.24730102
Lon: -98.29763463
X: 1911125
Y: 696668

Bottom Hole Loc.:
Lat: 35°13'33.35"N
Lon: 98°17'51.39"W
Lat: 35.22593171
Lon: -98.29760887
X: 1911110
Y: 688890

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2022

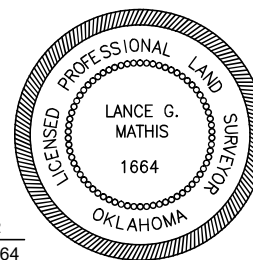
Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

02/08/2022

OK LPLS 1664



Invoice #9787-A
Date Staked: 01/26/2022 By: G.G.
Date Drawn: 01/27/2022 By: J.L.
General Rev.: 02/08/2022 By: R.M.