

API NUMBER: 015 23326

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

Approval Date: 03/30/2022

Expiration Date: 09/30/2023

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 07 Township: 11N Range: 12W County: CADDO

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 281 1120

Lease Name: GUNNERY SERGEANT 7-18-11-12 Well No: #1HXL Well will be 281 feet from nearest unit or lease boundary.

Operator Name: LYNX OKLAHOMA OPERATING LLC Telephone: 4054187840 OTC/OCC Number: 24306 0

LYNX OKLAHOMA OPERATING LLC  
PO BOX 18548  
OKLAHOMA CITY, OK 73154-0548

GORDON SCOTT HARVEY  
5158 CR 1120  
HYDRO OK 73048

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

Name	Code	Depth
1 HOXBAR	405HXBR	8600

Spacing Orders: 724016

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 201904413  
201904411  
201904414

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 18100

Ground Elevation: 1664

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 320

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: 21-37990

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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

### 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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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: 18	Township: 11N	Range: 12W	Meridian: IM	Total Length: 8000
County: CADD0				Measured Total Depth: 18100
Spot Location of End Point: NW	NW	NE	SE	True Vertical Depth: 9800
Feet From: <b>SOUTH</b>	1/4 Section Line: 2500			End Point Location from
Feet From: <b>EAST</b>	1/4 Section Line: 1200			Lease, Unit, or Property Line: 1200

## NOTES:

Category	Description
DEEP SURFACE CASING	[3/24/2022 - 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>[3/24/2022 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</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>
MEMO	[3/24/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201904411	<p>[3/30/2022 - GC2] - (640)(HOR) 7-11N-12W  VAC OTHERS  EXT 697201 HXBR  COMPL. INT NLT 660' FUB  (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)  REC. 2/23/2022 (MILLER)</p>
PENDING CD - 201904413	<p>[3/30/2022 - GC2] - (I.O.) 7 &amp; 18-11N-12W  EST MULTIUNIT HORIZONTAL WELL  X201904411 HXBR 7-11N-12W  X201904412 HXBR 18-11N-12W  50% 7-11N-12W  50% 18-11N-12W  LYNX OKLAHOMA OPERATING, LLC AND LYNX OIL PROPERTIES, LLC  REC. 2/23/2022 (MILLER)</p>
PENDING CD - 201904414	<p>[3/30/2022 - GC2] - (I.O.) 7 &amp; 18-11N-12W  X201904411 HXBR 7-11N-12W  X201904412 HXBR 18-11N-12W  COMPL. INT. (18-11N-12W) NCT 165' FSL, NCT 330' FEL, NCT 0' FNL, NCT 850' FEL  COMPL. INT. (7-11N-12W) NCT 0' FSL, NCT 850' FEL, NCT 165' FNL, NCT 1000' FEL  NO OP NAMED  REC. 2/23/2022 (MILLER)</p>
SPACING - 724016	<p>[3/30/2022 - GC2] - (640)(HOR) 18-11N-12W  VAC OTHER  EXT 634981 HXBR  COMPL. INT. NCT 660' FUB</p>



LYNX

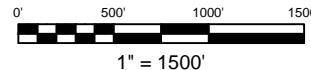
# Well Location Plat

SHL Sec. 7 - 11N-12W I.M.  
BHL Sec. 18 - 11N-12W I.M.

Operator: LYNX OKLAHOMA OPERATING, LLC.  
Lease Name and No.: GUNNERY SERGEANT 7-18-11-12 1HXL  
Surface Hole Location: 281' FNL - 1120' FEL Gr. Elevation: 1664'  
NW/4-NW/4-NE/4-NE/4 Section: 7 Township: 11N Range: 12W I.M.  
Bottom Hole Location: 2500' FSL - 1200' FEL  
NW/4-NW/4-NE/4-SE/4 Section: 18 Township: 11N Range: 12W I.M.  
County: Caddo State of Oklahoma  
Terrain at Loc.: Location fell on existing level pad site.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 27  
OK SOUTH ZONE

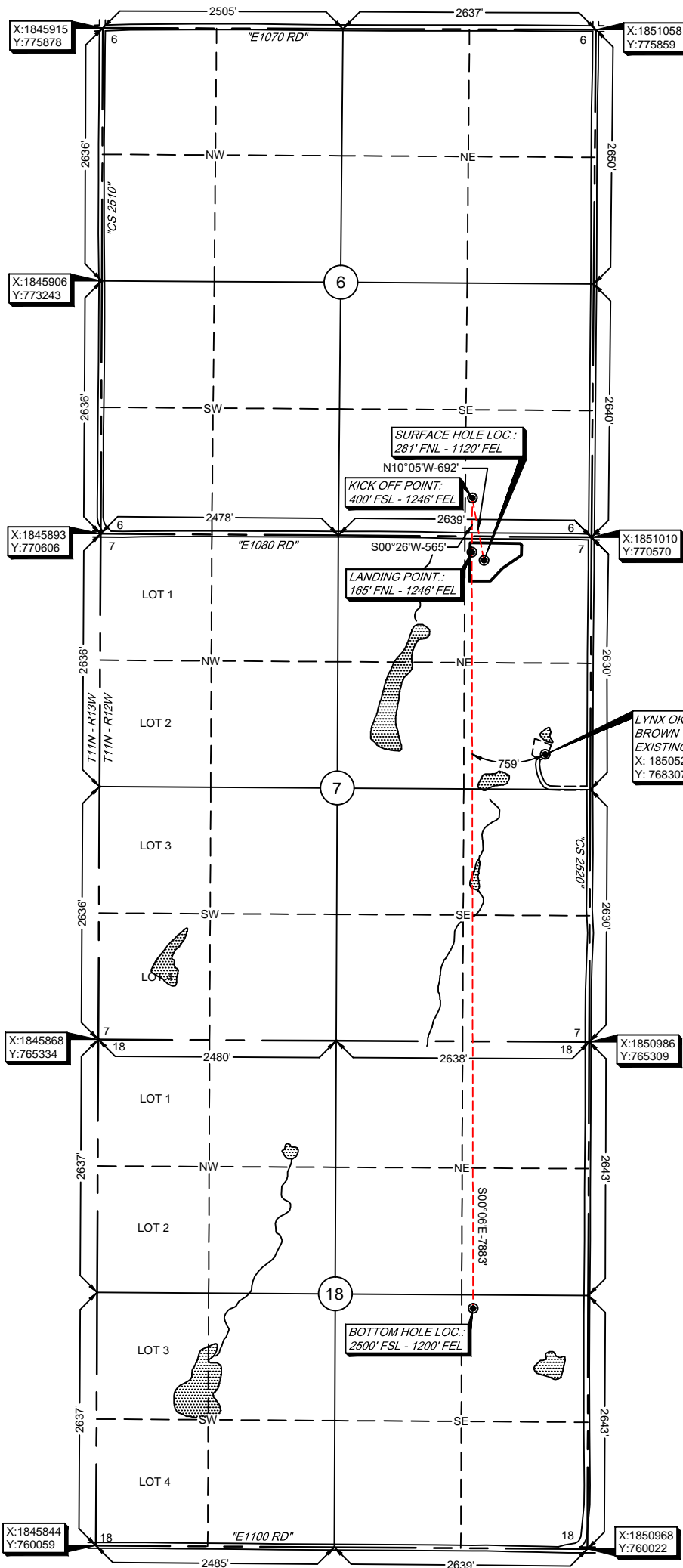
Surface Hole Loc.:  
Lat: 35°26'56.08"N  
Lon: 98°30'14.17"W  
Lat: 35.44891016  
Lon: -98.50393562  
X: 1849889  
Y: 770297

Kick Off Point:  
Lat: 35°27'02.81"N  
Lon: 98°30'15.67"W  
Lat: 35.45078070  
Lon: -98.50435373  
X: 1849768  
Y: 770979

Landing Point:  
Lat: 35°26'57.22"N  
Lon: 98°30'15.69"W  
Lat: 35.44922857  
Lon: -98.50435882  
X: 1849764  
Y: 770414

Bottom Hole Loc.:  
Lat: 35°25'39.27"N  
Lon: 98°30'15.06"W  
Lat: 35.42757415  
Lon: -98.50418383  
X: 1849776  
Y: 762531

-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 the real, 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.

Invoice #8516-C  
Date Staked: 03/15/2022 By: G.G.  
Date Drawn: 03/17/2022 By: J.L.  
Revised Bore Path/SHL: 03/22/2022 By: J.L.

*Lance G. Mathis*  
LANCE G. MATHIS

03/22/2022

OK LPLS 1664

