

API NUMBER: 019 26446

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

Approval Date: 06/01/2021  
Expiration Date: 12/01/2022

Directional Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 35 Township: 3S Range: 2W County: CARTER

SPOT LOCATION: SE SE NW SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 1561 1452

Lease Name: AOU Well No: 15-2 Well will be 1452 feet from nearest unit or lease boundary.

Operator Name: ARDMORE PRODUCTION & EXPLORATION Telephone: 5802232292 OTC/OCC Number: 16133 0

ARDMORE PRODUCTION & EXPLORATION CO  
PO BOX 1988  
ARDMORE, OK 73402-1988

ARDMORE PRODUCTION & EXPLORATION CO  
PO BOX 1988  
ARDMORE OK 73401

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

Name	Code	Depth
1 FUSULINID LOW	404FSLDL	5650

Spacing Orders: 673578

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

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

Special Orders: No Special Orders

Total Depth: 5900

Ground Elevation: 968

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 340

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:  
A. Evaporation/dewater and backfilling of reserve pit.

**PIT 1 INFORMATION**

Type of Pit System: ON SITE  
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 located in a Hydrologically Sensitive Area.

Category of Pit: 2  
Liner not required for Category: 2  
Pit Location is: BED AQUIFER  
Pit Location Formation: WELLINGTON

**DIRECTIONAL HOLE 1**

Section: 35 Township: 3S Range: 2W Meridian: 1M  
County: CARTER

Measured Total Depth: 6100

Spot Location of End Point: NW NW SE SE

True Vertical Depth: 5950

Feet From: SOUTH 1/4 Section Line: 1270

Feet From: EAST 1/4 Section Line: 1270

End Point Location from  
Lease, Unit, or Property Line: 1270

**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.

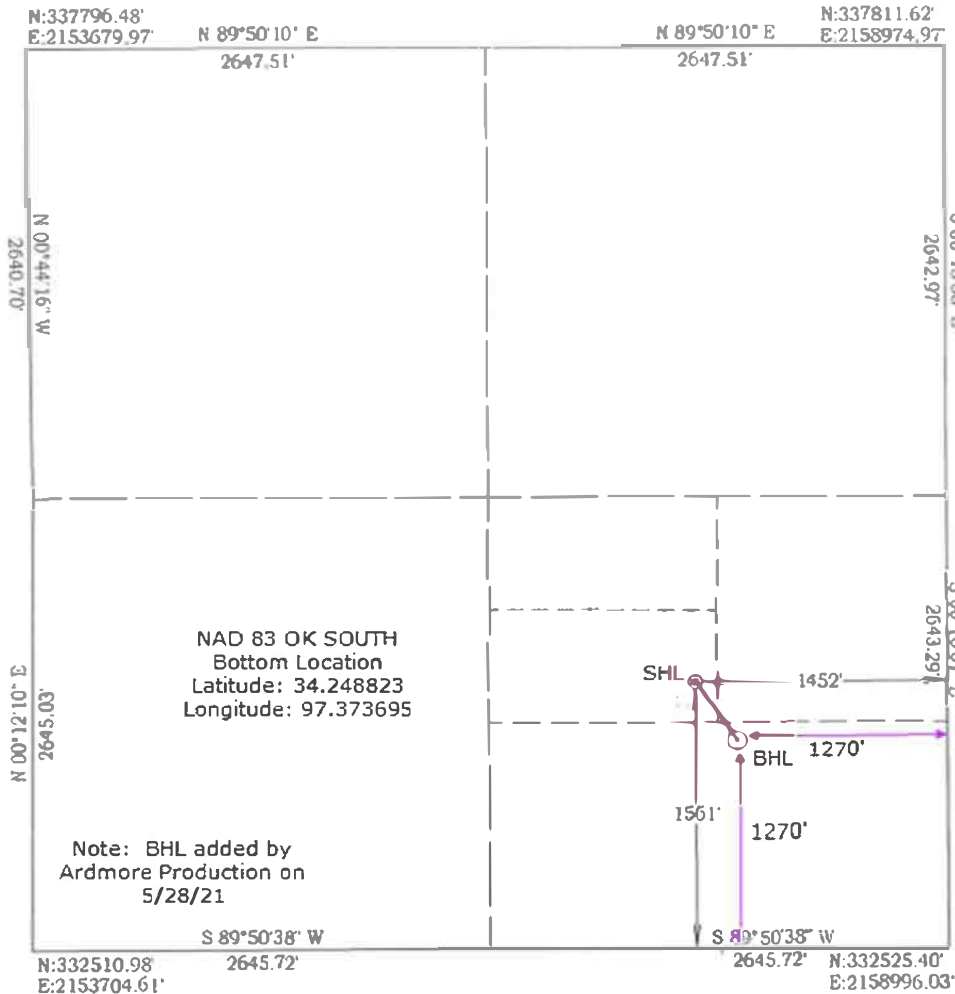
Category	Description
HYDRAULIC FRACTURING	<p>[5/27/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE 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>
SPACING - 673578	<p>[6/1/2021 - G56] - (UNIT) SW4 NE4 NE4, S2 NW4 NE4, S2 NE4, NE4 SE4 NW4, S2 SE4 NW4, E2 NW4 SW4, E2 SW4, SE4 35-3S-2W</p> <p>EST ATLANTIC OPERATING UNIT FOR FSLDL</p>

# Well Location Plat

M & M Land Surveying, Inc.  
520 "E" Street NW. Ardmore, OK. 73401  
Office 580-226-0446 Mobile 580-221-4999

Company Name: Ardmore Production Lease Name: AOU 15-2  
Section 35 Township 3 South Range 2 West County Carter Oklahoma  
Surface Location 1561 FSL- 1452 F.E.L. Elevation 968' Good Location? Yes

Topography  
Pasture  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Job # 21053  
Date 5/14/2021

**NAD 83 OK SOUTH**  
Surface Location  
Latitude: 34.249733°  
Longitude: 97.374447°  
N= 334,082'  
E=2,157,538'

**NAD 27 OK SOUTH**  
Surface Location  
Latitude: 34.249641°  
Longitude: 97.374148°  
N= 334,040'  
E=2,189,133'

Best Accessibility to Location  
From the South.

Distance & Direction From The jct of US. #70 and Kellar Road, go 4.9 miles North on Kellar Road to the Southeast Corner of Section 35.  
Highway or Town \_\_\_\_\_

## CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick 5/17/2021  
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis ( ) are calculated distances based on the quarter section being 2640' and have not been measured.



**Office 580-226-0446 Mobile 580-221-4999**

D. HARRY  
MCLINTICK  
1367

REGISTERED PROFESSIONAL LAND SURVEYOR  
OKLAHOMA