

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

API NUMBER: 037 29372

Approval Date: 06/16/2017  
Expiration Date: 12/16/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 15N Rge: 9E County: CREEK  
SPOT LOCATION:  C  SE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 660 1980

Lease Name: MILES Well No: 20-1 Well will be 660 feet from nearest unit or lease boundary.  
Operator Name: AYLUMA OPERATING INC Telephone: 9186524925 OTC/OCC Number: 21437 0

AYLUMA OPERATING INC  
PO BOX 669  
HENRYETTA, OK 74437-0669

MICAH MILES  
34895 WEST 281ST SOUTH  
BRISTOW OK 74010

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

Name	Depth	Name	Depth
1 CLEVELAND	960	6 GILCREASE	3150
2 PRUE	2190	7 WILCOX	3730
3 SKINNER	2310	8	
4 RED FORK	2560	9	
5 BARTLESVILLE	2760	10	

Spacing Orders: 656865

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3900

Ground Elevation: 835

**Surface Casing: 410**

Depth to base of Treatable Water-Bearing FM: 360

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 1500 Average: 500

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: BARNSDALL

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX 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.

037 29372 MILES 20-1

Category	Description
HYDRAULIC FRACTURING	6/5/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING - 656865	6/8/2017 - G60 - (160) S2 20-15N-9E EST CLVD, PRUE, SKNR, RDFK, BRVL, GLCR, WLCX

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