

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

API NUMBER: 083 23826 A

Approval Date: 05/13/2021
Expiration Date: 11/13/2022

Straight Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Section: 18 Township: 17N Range: 2W County: LOGAN

SPOT LOCATION: C N2 SW NE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 660

Lease Name: BRAWLEY Well No: 2-18 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: ATHAN INC Telephone: 4053597055 OTC/OCC Number: 12524 0

ATHAN INC
1616 E 19TH ST STE 405
EDMOND, OK 73013-6628

MORRIS GUTHRIE PROPERTIES LLC
343 MERKLE DRIVE
NORMAN OK 73069

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

Name	Code	Depth	Name	Code	Depth
1 VERTZ	406VERTZ	2390	6 PRUE	404PRUE	5282
2 TONKAWA	406TNKW	3465	7 MISSISSIPPI LIME	351MSSLM	5459
3 AVANT	405AVNT	3965			
4 HOGSHOOTER	405HGSR	4561			
5 OSWEGO	404OSWG	5206			

Spacing Orders: 514727 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
200178
139266

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: 313112
Total Depth: 5840 Ground Elevation: 1049 Surface Casing: 300 IP Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

NOTES:

Category	Description
HYDRAULIC FRACTURING	[5/4/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 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
SPACING	[5/13/2021 - G56] - HGSR FORMATION UNSPACED; 160-ACRE LEASE (NE4)

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.

SPACING - 139266	[5/12/2021 - G56] - (160/320) 18-17N-2W EST OTHER (320) EXT 77381/108199 AVNT (160)
SPACING - 200178	[5/12/2021 - G56] - (80/160) NE4 18-17N-2W SU NE/SW EXT 148442/190407 TNKW, OTHERS (160) EXT 148442/190407 OSWG, MSSLM, OTHERS (80) (VAC BY SP # 514727)
SPACING - 514727	[5/12/2021 - G56] - (160) 18-17N-2W EXT OTHERS VAC 200178 OSWG, MSSLM, OTHERS EST VRTZ, PRUE, OTHERS EXT 498272 OSWG, MSSLM, OTHERS