

API NUMBER: 099 20676

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

Approval Date: 09/21/2022
Expiration Date: 03/21/2024

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 1N Range: 2E County: MURRAY

SPOT LOCATION: SE NE NW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1987 1484

Lease Name: JUANITA Well No: 32-1 Well will be 165 feet from nearest unit or lease boundary.
Operator Name: BLACK MESA ENERGY LLC Telephone: 9189334454 OTC/OCC Number: 24018 0

BLACK MESA ENERGY LLC
401 S BOSTON AVE STE 450
TULSA, OK 74103-4045

JOHN S AND SALLY LEWIS
699 AIRPORT ROAD
DAVIS OK 73030

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

Name	Code	Depth	Name	Code	Depth
1 SPRINGER	401SPRG	2364	6 1ST BROMIDE	202BRMD1	5456
2 SYCAMORE	352SCMR	3946	7 2ND BROMIDE	202BRMD2	5496
3 HUNTON	269HNTN	4451	8 3RD BROMIDE	202BRMD3	5551
4 VIOLA	202VIOL	4972	9 MCLISH	202MCLS	5861
5 BROMIDE	202BRMD	5382	10 OIL CREEK	202OLCK	6261

Spacing Orders: 288407 Location Exception Orders: 728512 Increased Density Orders: No Density
39855
78532
289834

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special

Total Depth: 6500 Ground Elevation: 816 Surface Casing: 680 Depth to base of Treatable Water-Bearing FM: 630

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: 22-38553
H. (Other)	CLOSED SYSTEM=STEEL PITS (REQUIRED - CHIGLEY SANDY CREEK)

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

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>[9/13/2022 - 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>
LOCATION EXCEPTION - 728512	<p>[9/21/2022 - G56] - (I.O.) NW4 SE4 32-1N-2E X288407 SPRG, SCMR, OLCK X39855 BRMD, MCLS, HNTN, VIOL X289834 BRMD1 X78532 BRMD2, BRMD3 SHL NCT 330' FNL, NCT 165' FEL BLACK MESA ENERGY, LLC 9/16/2022</p>
SPACING - 288407	<p>[9/21/2022 - G56] - (40) N2 SE4 32-1N-2E EXT 143924 SPRG, SCMR EXT 143924 OLCK</p>
SPACING - 289834	<p>[9/21/2022 - G56] - (40) N2 SE4 32-1N-2E EXT 122265 BRMD1</p>
SPACING - 39855	<p>[9/21/2022 - G56] - (40) 32-1N-2E EST BRMD, MCLS, HNTN, VIOL</p>
SPACING - 78532	<p>[9/21/2022 - G56] - (40) 32-1N-2E AMD 39855 TO EST BRMD2, BRMD3 AS SEPERATE CSS</p>