

API NUMBER: 137 27686

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

Approval Date: 10/25/2022

Expiration Date: 04/25/2024

Multi Unit

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 36 Township: 1S Range: 4W County: STEPHENS

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 209 578

Lease Name: WOLF PACK 36-25-1S-4W Well No: SXH2 Well will be 209 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

LAWAYNE E JONES DBA LE JONES PRODUCTION CO  
PO BOX 1185  
DUNCAN OK 73534

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

Name	Code	Depth
1 SYCAMORE	352SCMR	9750

Spacing Orders: 723323  
704359

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203820  
202203826  
202203828  
202203831

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

Special Orders: No Special

Total Depth: 17289

Ground Elevation: 1076

Surface Casing: 2625

Depth to base of Treatable Water-Bearing FM: 1010

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: 22-38639

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: 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: BED AQUIFER

Pit Location Formation: GARBER

**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: GARBER

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: 25	Township: 1S	Range: 4W	Meridian: IM	Total Length: 7500
County: STEPHENS				Measured Total Depth: 17289
Spot Location of End Point: NE NW NE SE				True Vertical Depth: 10000
Feet From: <b>SOUTH</b>		1/4 Section Line: 2533		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 699		Lease, Unit, or Property Line: 104

**NOTES:**

Category	Description
DEEP SURFACE CASING	[10/20/2022 - GC2] - APPROVED; (1) NOTIFYING OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING, (2) 2-STAGE CEMENTING TOOL TO BE SET AND USED AT 100' BELOW BTW, & (3) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	<p>[10/20/2022 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</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	[10/20/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202203820	<p>[10/25/2022 - GB1] - (I.O.) S2 25 &amp; 36-1S-4W  EST MULTIUNIT HORIZONTAL WELL  X723323 SCMR, OTHER S2 25-1S-4W  X704359 SCMR, OTHER 36-1S-4W  33.33% S2 25-1S-4W  66.67% 36-1S-4W  NO OP NAMED  REC 10/17/2022 (BEESE)</p>
PENDING CD - 202203826	<p>[10/25/2022 - GB1] - (I.O.) S2 25 &amp; 36-1S-4W  X723323 SCMR, OTHER S2 25-1S-4W  X704359 SCMR, OTHER 36-1S-4W  COMPL INT (S2 25-1S-4W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL  COMPL INT (36-1S-4W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL  NO OP NAMED  REC 10/17/2022 (BEESE)</p>
PENDING CD - 202203828	<p>[10/25/2022 - GB1] - S2 25-1S-4W  X723323 SCMR, OTHER  2 WELLS  NO OP NAMED  REC 10/17/2022 (BEESE)</p>
PENDING CD - 202203831	<p>[10/25/2022 - GB1] - 36-1S-4W  X704359 SCMR, OTHER  2 WELLS  NO OP NAMED  REC 10/17/2022 (BEESE)</p>
SPACING - 704359	<p>[10/25/2022 - GB1] - (640) 36-1S-4W  VAC 100509 SCMR  VAC 400057 SCMR  EST SCMR, OTHER  POE TO BHL NCT 660' FB  (COEXIST W/ 92200 SCMR 25-1S-4W)</p>
SPACING - 723323	<p>[10/25/2022 - GB1] - (320)(HOR) S2 25-1S-4W  EST SCMR, OTHER  POE TO BHL NCT 660' FB  (COEXIST W/ 92200 SCMR)</p>

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137 27686 WOLF PACK 36-25-1S-4W SXH2