

API NUMBER: 043 23763

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

Approval Date: 09/01/2022

Expiration Date: 03/01/2024

Horizontal Hole Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 01 Township: 18N Range: 15W County: DEWEY

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 232 400

Lease Name: CHRISTENSEN Well No: 1-1MH Well will be 232 feet from nearest unit or lease boundary.

Operator Name: CRAWLEY PETROLEUM CORPORATION Telephone: 4052329700 OTC/OCC Number: 7980 0

CRAWLEY PETROLEUM CORPORATION  
105 N HUDSON AVE STE 800  
OKLAHOMA CITY, OK 73102-4803

MARY L. CHRISTENSEN, SOLE TRUSTEE OF THE DONALD B.  
CHRISTENSEN AND MARY L. CHRISTENSEN TRUST DTD APR  
19097 N. MIRA BELLO RD  
SURPRISE AZ 85374

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

Name	Code	Depth
1 MISS'AN LM	359MPLM	10200

Spacing Orders: 644448

Location Exception Orders: 727999

Increased Density Orders: 727998

Pending CD Numbers: No Pending

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

Special Orders: No Special

Total Depth: 14865 Ground Elevation: 1918

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 440

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: 22-38549

H. (Other)

SEE MEMO

### PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

### PIT 2 INFORMATION

Type of Pit System: ON SITE

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: 1A

Liner required for Category: 1A

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

### HORIZONTAL HOLE 1

Section: 1 Township: 18N Range: 15W Meridian: IM

Total Length: 4261

County: DEWEY

Measured Total Depth: 14865

Spot Location of End Point: NE NW NE NE

True Vertical Depth: 11000

Feet From: NORTH 1/4 Section Line: 165

End Point Location from

Feet From: EAST 1/4 Section Line: 700

Lease, Unit, or Property Line: 165

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.

NOTES:	
Category	Description
HYDRAULIC FRACTURING	<p>[8/25/2022 - 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: <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>
INCREASED DENSITY - 727998	<p>[9/1/2022 - G56] - 1-18N-15W X644448 MPLM 1 WELL NO OP NAMED 8/30/2022</p>
INTERMEDIATE CASING	<p>[9/1/2022 - G56] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES</p>
LOCATION EXCEPTION - 727999	<p>[9/1/2022 - G56] - (I.O.) 1-18N-15W X644448 MPLM COMPL INT NCT 165' FNL ,NCT 165' FSL, NCT 330' FEL CRAWLEY PETRO CORP 8/30/2022</p>
MEMO	<p>[8/25/2022 - GC2] - PITS 1 &amp; 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 644448	<p>[9/1/2022 - G56] - (640) 1-18N-15W VAC 347615 MSSSD EXT 633539 MPLM</p>