

API NUMBER: 043 23779

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

Approval Date: 06/29/2023

Expiration Date: 12/29/2024

Horizontal Hole

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 11 Township: 19N Range: 16W County: DEWEY

SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 220 400

Lease Name: GAYLE JAQUITH Well No: 1-11MH Well will be 220 feet from nearest unit or lease boundary.

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

CRAWLEY PETROLEUM CORPORATION

OKLAHOMA CITY, OK 73102-4803

GAYLE JAQUITH SIMS

4000 NW 14TH STREET

OKLAHOMA CITY OK 73107

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

Name	Code	Depth
1 MISSISSIPPIAN SOLID	359MSSSD	9750

Spacing Orders: 147650

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 23001722

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 14450

Ground Elevation: 1726

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 60

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: 23-39134

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: BED AQUIFER

Pit Location Formation: MARLOW

**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: 3

Liner required for Category: 3

Pit Location is: BED AQUIFER

Pit Location Formation: MARLOW

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.

**HORIZONTAL HOLE 1**

Section: 11	Township: 19N	Range: 16W	Meridian: IM	Total Length: 4200
	County: DEWEY			Measured Total Depth: 14450
Spot Location of End Point: SE	SW	SW	SW	True Vertical Depth: 9900
Feet From: <b>SOUTH</b>	1/4 Section Line: 165			End Point Location from
Feet From: <b>WEST</b>	1/4 Section Line: 600			Lease, Unit, or Property Line: 165

**NOTES:**

Category	Description
DEEP SURFACE CASING	[6/29/2023 - GE7] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) 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	[6/29/2023 - GE7] - 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 FRACTURING OPERATIONS. FORM 6000NH 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,  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>
INTERMEDIATE CASING	[6/29/2023 - GE7] - 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
MEMO	[6/29/2023 - GE7] - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2023-001722	[6/29/2023 - GB7] - (I.O.) 11-19N-16W X147650 MSSSD COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL CRAWLEY PETROLEUM CORPORATION REC 06/26/2023 (ORTEL)
SPACING - 147650	[6/29/2023 - GB7] - (640) 11-19N-16W EXT OTHERS VAC CSTR, OTHER EXT OTHER EXT 36944/145315 CSTR EXT 77087/136122 MSSSD