

API NUMBER: 111 27552

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

Approval Date: 07/08/2022

Expiration Date: 01/08/2024

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 14N Range: 13E County: OKMULGEE

SPOT LOCATION: SE NE SE NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1811 165

Lease Name: DILLINGHAM RANCH

Well No: 10-4

Well will be 2295 feet from nearest unit or lease boundary.

Operator Name: MONARCH ENERGY COMPANY LLC

Telephone: 9184522735

OTC/OCC Number: 20789 0

MONARCH ENERGY COMPANY LLC

PO BOX 70

EUFAULA, OK 74432-0070

JOE DON AND BRECKLYN EAVES

PO BOX 582584

TULSA OK 74158

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

	Name	Code	Depth
1	SENORA	404SNOR	400
2	RED FORK	404RDFK	800
3	BARTLESVILLE	404BRVL	1200
4	BOOCH	404BOCH	1610
5	DUTCHER	403DTCR	1875

	Name	Code	Depth
6	UNION VALLEY	402UNVL	2050
7	CANEY	354CNEY	2240
8	WOODFORD	319WDFD	2380
9	WILCOX	202WLCX	2475

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 2600

Ground Elevation: 728

Surface Casing: 90

Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is: NON HSA

Pit Location Formation: WEWOKA

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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>[6/13/2022 - 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: OCCEWEB.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>
SPACING	[7/7/2022 - GB1] - FORMATIONS UNSPACED; 160 ACRE LEASE NE