

API NUMBER: 073 26992

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

Approval Date: 03/29/2023

Expiration Date: 09/29/2024

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 36 Township: 15N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 319 630

Lease Name: GRELLNER 1408 Well No: 1-1-12MXH Well will be 319 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY Telephone: 8666622378 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
990 TOWN & COUNTRY BLVD  
HOUSTON, TX 77024-2217

STEPHEN P. SCHWARZ REVOCABLE TRUST  
12709 COBBLESTONE PKWY  
OKLAHOMA OK 73142

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8296

Spacing Orders: 647318  
650324  
731659

Location Exception Orders: 731660  
731661

Increased Density Orders: 730987  
730988

Pending CD Numbers: No Pending

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

Special Orders: No Special

Total Depth: 19165

Ground Elevation: 1201

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 400

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: 23-38958

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

### 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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: 12	Township: 14N	Range: 8W	Meridian: IM	Total Length: 10580
County: CANADIAN				Measured Total Depth: 19165
Spot Location of End Point: SW SW SE SE				True Vertical Depth: 8875
Feet From: <b>SOUTH</b>		1/4 Section Line: 165		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 1137		Lease, Unit, or Property Line: 165

**NOTES:**

Category	Description
DEEP SURFACE CASING	[3/23/2023 - GC2] - 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.
EXCEPTION TO RULE - 731661	[3/29/2023 - G56] - (I.O.) 1 & 12-14N-8W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO WITTROCK 1-4 (017-22008) WELL NO OP NAMED 1/25/2023
HYDRAULIC FRACTURING	[3/23/2023 - GC2] - 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 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,  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>
INCREASED DENSITY - 730987	[3/29/2023 - G56] - 1-14N-8W X647318 MSSP 2 WELLS MARATHON OIL CO 12/29/2022
INCREASED DENSITY - 730988	[3/29/2023 - G56] - 12-14N-8W X650324 MSSP 2 WELLS MARATHON OIL CO 12/29/2022
INTERMEDIATE CASING	[3/23/2023 - GC2] - 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
LOCATION EXCEPTION - 731660	[3/29/2023 - G56] - (I.O.) 1 & 12-14N-8W X647318 MSSP 1-14N-8W X650324 MSSP 12-14N-8W COMPL INT (1-14N-8W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL INT (12-14N-8W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL MARATHON OIL CO 1/25/2023
MEMO	[3/23/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 647318	[3/29/2023 - G56] - (640)(HOR) 1-14N-8W EST OTHER EXT 633940 MSSP COMPL. INT. NLT 660' FB (COEXIST WITH NON-HORIZONTAL DR & SP UNITS, SUPERCEDE NON DEV NON-HORIZONTAL DR & SP UNITS)
SPACING - 650324	[3/29/2023 - G56] - (640)(HOR) 12-14N-8W EXT OTHER VAC 42688 MSCST VAC 137496 MSSLM, OTHERS EXT 647318 MSSP, OTHER COMPL. INT. NLT 660' FB
SPACING - 731659	[3/29/2023 - G56] - (I.O.) 1 & 12-14N-8W EST MULTIUNIT HORIZONTAL WELL X647318 MSSP 1-14N-8W X650324 MSSP 12-14N-8W 50% 1-14N-8W 50% 12-14N-8W MARATHON OIL CO 1/25/2023

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073 26992 GRELLNER 1408 1-1-12MXH

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