

API NUMBER: 073 26978

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

Approval Date: 02/22/2023

Expiration Date: 08/22/2024

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 19 Township: 15N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 1317 2287

Lease Name: SCHWARZ 1508

Well No: 2H-30X

Well will be 1317 feet from nearest unit or lease boundary.

Operator Name: OVINTIV USA INC

Telephone: 2812105100

OTC/OCC Number: 21713 0

OVINTIV USA INC  
4 WATERWAY SQUARE PLACE, STE 100  
THE WOODLANDS, TX 77380-3197

ROTHER RANCH EHC, LLC  
PO BOX 10  
OKARCHE OK 73762

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

	Name	Code	Depth
1	MISSISSIPPI SOLID	351MSSSD	9271
2	MISSISSIPPIAN	359MSSP	9356

Spacing Orders: 653302  
163500  
728403

Location Exception Orders: 728404

Increased Density Orders: 727789  
727991

Pending CD Numbers: No Pending

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

Special Orders: No Special

Total Depth: 20181

Ground Elevation: 1180

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 470

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: 22-38621
E. Haul to Commercial pit facility	Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498	
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: 31	Township: 15N	Range: 8W	Meridian: IM	Total Length: 10239
County: KINGFISHER				Measured Total Depth: 20181
Spot Location of End Point: SW SE SW SE				True Vertical Depth: 9637
Feet From: <b>SOUTH</b>		1/4 Section Line: 85		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 1833		Lease, Unit, or Property Line: 85

**NOTES:**

Category	Description
DEEP SURFACE CASING	[2/13/2023 - 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.
HYDRAULIC FRACTURING	[2/13/2023 - 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 - 727789	[2/22/2023 - G56] - 30-15N-8W X653302 MSSP 3 WELLS OVINTIV USA INC 8/22/2022
INCREASED DENSITY - 727991	[2/22/2023 - G56] - 31-15N-8W X163500 MSSSD 3 WELLS OVINTIV USA INC 8/30/2022
INTERMEDIATE CASING	[2/13/2023 - 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 - 728404	[2/22/2023 - G56] - (I.O.) 30 & 31-15N-8W X653302 MSSP 30-15N-8W X163500 MSSSD 31-15N-8W COMPL INT (30-15N-8W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FEL COMPL INT (31-15N-8W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL OVINTIV USA INC 9/13/2022
MEMO	[2/13/2023 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - DEAD INDIAN CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 163500	[2/16/2023 - G56] - (640) 31-15N-8W EXT OTHERS EXT 76186/160297 MSSSD, OTHERS
SPACING - 653302	[2/16/2023 - G56] - (640)(HOR) 30-15N-8W EXT 642232 MSSP, OTHER COMPL INT NLT 660' FB (COEXIST WITH SP # 149991 CSTRU, # 166936 MSSSD, # 148798 MNNG)
SPACING - 728403	[2/22/2023 - G56] - (I.O.) 30 & 31-15N-8W EST MULTIUNIT HORIZONTAL WELL X653302 MSSP 30-15N-8W X163500 MSSSD 31-15N-8W 50% 30-15N-8W 50% 31-15N-8W OVINTIV USA INC 9/13/2022