

API NUMBER: 017 25892

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

Approval Date: 12/16/2022

Expiration Date: 06/16/2024

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 14N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 431 2283

Lease Name: REDHEAD 1407 Well No: 4H-9XX Well will be 431 feet from nearest unit or lease boundary.

Operator Name: OVINTIV USA INC Telephone: 2812105100 OTC/OCC Number: 21713 0

OVINTIV USA INC

THE WOODLANDS, TX 77380-3197

REDHEAD LLC, DAVID SCHWARZ AS MANAGER

1805 CLEARWATER CT

KINGFISHER OK 73750

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8440

Spacing Orders: 638633  
631989

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203733  
202203735  
202203737  
202203749  
202203747  
202203748

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

Special Orders: No Special

Total Depth: 24488

Ground Elevation: 1189

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 310

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: 22-38768
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: 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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

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: 21 Township: 14N Range: 7W Meridian: IM Total Length: 15553  
 County: CANADIAN Measured Total Depth: 24488  
 Spot Location of End Point: SE SW SE SE True Vertical Depth: 8811  
 Feet From: **SOUTH** 1/4 Section Line: 85 End Point Location from  
 Feet From: **EAST** 1/4 Section Line: 900 Lease, Unit, or Property Line: 85

## NOTES:

Category	Description
DEEP SURFACE CASING	[12/15/2022 - G56] - 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	[12/15/2022 - G56] - 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 6000NHO. 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>
MEMO	[12/15/2022 - G56] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202203733	[12/16/2022 - G56] - 9-14N-7W X638633 MSSP 4 WELLS NO OP NAMED REC 10/4/2022 (P. PORTER)
PENDING CD - 202203735	[12/16/2022 - G56] - 16-14N-7W X638633 MSSP 4 WELLS NO OP NAMED REC 10/4/2022 (P. PORTER)
PENDING CD - 202203737	[12/16/2022 - G56] - 21-14N-7W X631989 MSSP 4 WELLS NO OP NAMED REC 10/4/2022 (P. PORTER)
PENDING CD - 202203747	[12/16/2022 - G56] - (I.O.) 9, 16 & 14N-7W EST MULTIUNIT HORIZONTAL WELL X638633 MSSP, OTHERS 9 & 16-14N-7W X631989 MSSP, OTHERS 21-14N-7W 33% 9-14N-7W 34% 16-14N-7W 33% 21-14N-7W NO OP NAMED REC 10/4/2022 (P. PORTER)
PENDING CD - 202203748	[12/16/2022 - G56] - (I.O.) 9, 16 & 14N-7W X638633 MSSP, OTHERS 9 & 16-14N-7W X631989 MSSP, OTHERS 21-14N-7W COMPL INT (9-14N-7W) NCT 165' FNL, NCT 0' FSL, NCT 1980' FEL COMPL INT (16-14N-7W) NCT 0' FNL, NCT 0' FSL, NCT 330' FEL COMPL INT (21-14N-7W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP NAMED REC 10/4/2022 (P. PORTER)

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PENDING CD - 202203749	[12/16/2022 - G56] - (I.O.) 9, 16 & 21-14N-7W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO WEAVER 1-9 (017-22971) NO OP NAMED REC 12/14/2022 (NORRIS)
SPACING - 637989	[12/16/2022 - G56] - (640)(HOR) 21-14N-9W VAC 137737 MSSLM E2 VAC 152267 MSCST E2 EXT 615614 MSSP, OTHERS COMPL INT NLT 660' FB (COEXSIT WITH SP # 152267 MSCST W2, # 137737 MSSLM NW2)
SPACING - 638633	[12/16/2022 - G56] - (640)(HOR) 9 & 16-14N-7W EXT 631989 MSSP, OTHERS COMPL INT NLT 660' FB (COEXIST WITH SP # 137737 MSSLM, # 152267 MSCST)