

API NUMBER: 017 25919

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

Approval Date: 02/08/2023

Expiration Date: 08/08/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 14N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 378 1279

Lease Name: KUNNEMAN 1407

Well No: 4H-29X

Well will be 378 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

RONALD J BAUSTERT AND BRENDA J. BAUSTERT

P.O. BOX 244

OKARCHE OK 73762

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	9020

Spacing Orders: 640025

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202300098

Working interest owners' notified: ***

Special Orders: No Special

202300097

202300096

202300090

202300088

Total Depth: 19650

Ground Elevation: 1266

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 260

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: 23-38855
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: 29	Township: 14N	Range: 7W	Meridian: IM	Total Length: 10253	
	County: CANADIAN			Measured Total Depth: 19650	
Spot Location of End Point: NW	NW	NE	NE	True Vertical Depth: 9500	
Feet From: NORTH		1/4 Section Line: 85		End Point Location from	
Feet From: EAST		1/4 Section Line: 1100		Lease, Unit, or Property Line: 85	

NOTES:

Category	Description
DEEP SURFACE CASING	[2/2/2023 - 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	[2/2/2023 - 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: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS ; 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 FRACFOCUS.ORG
MEMO	[2/2/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2023-000088	[2/3/2023 - GB7] - (I.H.) 29-14N-7W X640025 MSSP 2 WELLS OVINTIV USA INC HEARING SCHED 02/07/2023
PENDING - CD2023-000090	[2/3/2023 - GB7] - (I.H.) 32-14N-7W X640025 MSSP 2 WELLS OVINTIV USA INC HEARING SCHED 02/07/2023
PENDING - CD2023-000096	[2/3/2023 - GB7] - (I.O.) 29 & 32-14N-7W EST MULTIUNIT HORIZONTAL WELL X640025 MSSP, OTHERS 29 & 32-14N-7W 50% 29-14N-7W 50% 32-14N-7W OVINTIV USA INC REC 02/07/2023 (PORTER)
PENDING - CD2023-000097	[2/3/2023 - GB7] - (I.O.) 29 & 32-14N-7W X640025 MSSP, OTHERS 29 & 32-14N-7W COMPL. INT. (32-14N-7W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL COMPL. INT. (29-14N-7W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL OVINTIV USA INC REC 02/07/2023 (PORTER)
PENDING - CD2023-000098	[2/3/2023 - GB7] - (I.O.) 29 & 32-14N-7W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO EKUNNEMAN 1H-29X (API# 017-24782), SCHIEBER 29-2 (API# 017-21326), KUNNEMAN 2-32 (API# 017-21306) OVINTIV USA INC REC 02/07/2023 (PORTER)
SPACING - 640025	[2/3/2023 - GB7] - (640)(HOR) 32 & 29-14N-7W VAC 69937 MSCST 29-14N-7W VAC 130883 MISS N2 & SE4 29-14N-7W VAC OTHER VAC 146183 MCSMN, OTHER N2 & SE4 29-14N-7W VAC 146187 MCSMN, OTHER N2 7 SE4 32-14N-7W EXT 631989 MSSP, OTHERS COMPL INT NCT 660' FB (COEXIST EXISTING NON-HORIZONTAL SPACING 146183 & 146187)

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017 25919 KUNNEMAN 1407 4H-29X