

API NUMBER: 049 25349 A

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

Approval Date: 08/31/2021
Expiration Date: 02/28/2023

Horizontal Hole Oil & Gas

Amend reason: UPDATE LE AND REVISE SURVEY PLAT

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 3N Range: 4W County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 215 2245

Lease Name: KELLNER 0304 Well No: 1H-22X Well will be 215 feet from nearest unit or lease boundary.
Operator Name: OIVINTIV MID-CONTINENT INC. Telephone: 2812105100; 9188781290; OTC/OCC Number: 20944 0

OIVINTIV MID-CONTINENT INC.

THE WOODLANDS, TX 77380-2764

RICHARD KELLNER

19884 N. COUNTY ROAD 3000

LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	12095

Spacing Orders: 720796

Location Exception Orders: 721778

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 23293

Ground Elevation: 1044

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

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: 21-37701
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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

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.

HORIZONTAL HOLE 1

Section: 22	Township: 3N	Range: 4W	Meridian: IM	Total Length: 10252
	County: GARVIN			Measured Total Depth: 23293
Spot Location of End Point: NW	NW	NE	NW	True Vertical Depth: 12500
Feet From: NORTH		1/4 Section Line: 85		End Point Location from
Feet From: WEST		1/4 Section Line: 1400		Lease, Unit, or Property Line: 85

NOTES:

Category	Description
DEEP SURFACE CASING	[8/5/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[8/5/2021 - 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 HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML ; 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
LOCATION EXCEPTION - 721778	[9/12/2022 - G56] - (I.O.) 22 & 27-3N-4W X720796 SPRG COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 990' FWL OVINTIV USA INC. 11/19/2021
MEMO	[8/5/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - RUSH CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 720796	[9/12/2022 - G56] - (1280)(HOR) 22 & 27-3N-4W VAC 398565 SPRSD 22-3N-4W VAC 175388 SPRG 27-3N-4W EST SPRG COMPL INT NCT 660' FB