

API NUMBER: 129 24134

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

Approval Date: 09/30/2022

Expiration Date: 03/30/2024

Multi Unit

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 24 Township: 15N Range: 26W County: ROGER MILLS

SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 175 1080

Lease Name: CHURCHILL 2413 Well No: 1HX Well will be 175 feet from nearest unit or lease boundary.

Operator Name: KAISER-FRANCIS OIL COMPANY Telephone: 9184940000 OTC/OCC Number: 6390 0

KAISER-FRANCIS OIL COMPANY  
PO BOX 21468  
TULSA, OK 74121-1468

BREAK O' DAY FARMS AND METCALFE MUSEUM  
8647 N 1745 RD  
DURHAM OK 73642

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

Name	Code	Depth
1 CLEVELAND	405CLVD	10085

Spacing Orders: 135140  
142515

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203286  
202203287  
202203288  
202203289

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

Special Orders: No Special

Total Depth: 20000

Ground Elevation: 2185

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 620

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 22-38569

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: 8000 Average: 5000

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.

MULTI UNIT HOLE 1					
Section: 13	Township: 15N	Range: 26W	Meridian: IM	Total Length: 10000	
County: ROGER MILLS				Measured Total Depth: 20000	
Spot Location of End Point: E2      NE      NW      NE				True Vertical Depth: 10200	
Feet From: <b>NORTH</b>		1/4 Section Line: 330		End Point Location from	
Feet From: <b>EAST</b>		1/4 Section Line: 1370		Lease, Unit, or Property Line: 330	

Additional Surface Owner(s)	Address	City, State, Zip
TL HARTLEY AND DANA HARTLEY	4716 N MCMILLAN AVE	BETHANY, OK 73008
TL HARTLEY AND DANA HARTLEY	4716 N MCMILLAN AVE	DURHAM, OK 73642

NOTES:

Category	Description
DEEP SURFACE CASING	[9/15/2022 - 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	<p>[9/15/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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></p>
MEMO	[9/15/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2022-003286	<p>[9/22/2022 - GB6] - (I.O.) 13 &amp; 24 -15N-26W  EST MULTIUNIT HORIZONTAL WELL  X135140 CLVD 13-15N-26W  X142515 CLVD 24-15N-26W  50% 13-15N-26W  50% 24-15N-26W  NO OPER. NAMED  REC. 09/27/2022 (BEESE)</p>
PENDING - CD2022-003287	<p>[9/22/2022 - GB6] - (I.O.) 13 &amp; 24 -15N-26W  X135140 CLVD 13-15N-26W  X142515 CLVD 24-15N-26W  COMPL. INT. (13-15N-26W) NCT 165' FNL, NCT 0' FSL, NCT 990' FEL  COMPL. INT. (24-15N-26W) NCT 0' FNL, NCT 165' FSL, NCT 990' FEL  NO OPER. NAMED  REC. 09/27/2022 (BEESE)</p>
PENDING - CD2022-003288	<p>[9/22/2022 - GB6] - (I.O.) 13-15N-26W  X135140 CLVD  1 WELL  NO OPER. NAMED  REC. 09/27/2022 (BEESE)</p>
PENDING - CD2022-003289	<p>[9/22/2022 - GB6] - [9/22/2022 - GB6] - (I.O.) 24-15N-26W  X142515 CLVD  1 WELL  NO OPER. NAMED  REC. 09/27/2022 (BEESE)</p>
SPACING - 135140	<p>[9/22/2022 - GB6] - (640) 13-15N-26W  EXT 100037 CLVD  EST OTHERS</p>
SPACING - 142515	<p>[9/22/2022 - GB6] - (640) 24-15N-26W  EXT 100037/135140 CLVD  EST OTHERS</p>