

API NUMBER: 043 23718 A

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

Approval Date: 10/30/2020
Expiration Date: 04/30/2022

Multi Unit Oil & Gas

Amend reason: CHANGE WELL NAME AND BHL. UPDATE
OCC ORDERS.

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 07 Township: 18N Range: 15W County: DEWEY

SPOT LOCATION: SW SE SW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2440 730

Lease Name: CASHEW 765 Well No: 1H ST1 Well will be 730 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

JOHNSON & HAYES, LLC
% SANDRA JOHNSON MANAGER
12904 GRUBSTAKE GULCH
BEE CAVE TX 78738

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

Name	Code	Depth
1 RED FORK	404RDFK	8600

Spacing Orders: 219987 Location Exception Orders: No Exceptions Increased Density Orders: 716430
220652
721976

Pending CD Numbers: 202101606 Working interest owners' notified: *** Special Orders: No Special
202101555

Total Depth: 17500 Ground Elevation: 1860 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 220

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: 20-37441
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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: 6	Township: 18N	Range: 15W	Meridian: IM	Total Length: 4138
	County: DEWEY			Measured Total Depth: 13068
Spot Location of End Point:	NE	SW	SE	SE
Feet From: SOUTH			1/4 Section Line: 543	True Vertical Depth: 8660
Feet From: EAST			1/4 Section Line: 962	End Point Location from Lease, Unit, or Property Line: 543

NOTES:

Category	Description
DEEP SURFACE CASING	[10/29/2020 - 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>[10/29/2020 - 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: OCCWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p>
INCREASED DENSITY – 716430 (202001304)	<p>[10/30/2020 - GB6] - 7-18N-15W X219987/220652 RDFK 1 WELL KAISER FRANCIS OIL COMPANY OR UNIT PETROLEUM COMPANY 01/19/2021</p>
INTERMEDIATE CASING	[10/29/2020 - 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
MEMO	[10/29/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202101555	<p>[3/18/2022 - GB6] - (I.O.) SE4 6 & 7 -18N-15W X721976 RDFK SE4 6-18N-15W X219987/220652 RDFK 7-18N-15W CASHEW 765 1H ST1 (API# 043-23718) SHL 2440' FNL 730' FWL 7-18N-15W FIRST PERF. (7-18N-15W) 2122' FNL 1144' FWL LAST PERF. (SE4 6-18N-15W) 102' FSL 1248' FWL BHL 543' FSL 962' FEL SE4 6-18N-15W KAISER-FRANCIS OIL COMPANY OR UNIT PETROLEUM COMPANY REC. 09/14/2021 (MOORE)</p>
PENDING CD - 202101606	<p>[3/18/2022 - GB6] - (I.O.) SE4 6 & 7 -18N-15W EST MULTIUNIT HORIZONTAL WELL X202101605 RDFK SE4 6-18N-15W X219987/220652 RDFK 7-18N-15W 5.3% SE4 6-18N-15W 94.7% 7-18N-15W KAISER-FRANCIS OIL COMPANY AND/OR UNIT PETROLEUM COMPANY REC. 09/14/2021 (MOORE)</p>
SPACING - 721976 (202101605)	<p>[3/18/2022 - GB6] - (80) & (160)(HOR) NE4, SW4, SE4 6-18N-15W VAC 715714 RDFK S2 & NE4 6-18N-15W (80) EST RDFK NE4, SW4 6-18N-15W LD NE/SW (160)(HOR) EST RDFK SE4 6-18N-15W COMPL. INT. NCT 330' FB</p>
SPACING – 219987	[10/30/2020 - GB6] - (640) 7-18N-15W EXT 201213 RDFK
SPACING – 220652	[10/30/2020 - GB6] - (640) 7-18N-15W EXT 115301/201213 RDFK EXT OTHERS

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043 23718 CASHEW 765 1H ST1