



Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS FEDERAL	Well Number 606H	US Well Number 3002547185
SHL NENE Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM122620
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 8	APD ID 10400052998

## Section 1 - General

**Well Completion Report Id:** 86419 **Submission Date:** 11-02-2022  
**BLM Office:** Carlsbad Field Office **User:** CHRISTINA OPFER **Title:** Regulatory Manager  
**Federal/Indian:** FEDERAL **Lease Number:** NMNM122620 **Lease Acres:**  
**Agreement in place?:** NO **Federal or Indian Agreement:**  
**Agreement Number:** **Agreement Name:**  
**Additional Information**

**Keep this Well Completion Report confidential?:** YES

**APD Operator:** KAISER FRANCIS OIL COMPANY

## Section 2 - Well

**Field/Pool or Exploratory:** **Pool Name:** LWR BONE SPRIN **Field Name:** WC-025 G-08  
**Well Type:** OIL WELL  
**Spud Date:** 07-09-2020  
**Date Total Measured Depth Reached:** 08-04-2020  
**Drill & Abandon or Ready To Produce:** READY TO PRODUCE  
**Well Class:** HORIZONTAL

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
---	OTHER	Surface	3401	0	0	NONE	
RUSTLER	SANDSTONE		2540	861	861	NONE	
SALADO	SALT		2065	1336	1336	NONE	
TOP SALT	SALT		944	2457	2459	NONE	
BASE OF SALT	SALT		-1227	4628	4639	NONE	
DELAWARE	SANDSTONE		-1453	4854	4866	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2892	6293	6305	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3864	7265	7278	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5632	9033	9046	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6715	10116	10130	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE		-7138	10539	10553	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE		-7624	11025	11039	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE		-8750	12151	12165	NATURAL GAS, OIL	

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### Completion and Completed

#### Completion Data

Status of Interval	Number of Holes	Perforation Size	Interval Perforated?	Interval Bottom (MD)	Interval Top (MD)	Date First Produced	Date Completed	Formation	Treatment Remarks
			Y	125 92	22872	01-14-2021	01-12-2021	WOLFCA MP	9/20: Pressure test csg to 13,000#. Test annulus to 500#. TCP Stage 1: 22,750'-22,872' O/A w/5, 3 1/8" guns. BD perfs @ 7,403# w/2% KCl w/biocide. Establish injection into perfs: 5 BPM @ 8,065# for 30 bbls. SD and isolate well. ISIP 7,468#, 5 min 5,404#, 10 min 5,212#, 15 min

#### Treatment Data

Case Number	Lease Number	Well Completion Type	Treatment Type	Interval Treated?	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	FRAC	Y	638590	27987268	9/20: Pressure test csg to 13,000#. Test annulus to 500#. TCP Stage 1: 22,750'-22,872' O/A w/5, 3 1/8" guns. BD perfs @ 7,403# w/2% KCl w/biocide. Establish injection into perfs: 5 BPM @ 8,065# for 30 bbls. SD and isolate well. ISIP 7,468#, 5 min 5,404#, 10 min 5,212#, 15 min
Wellbore Code	Completion Code	Wellbore Code					

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### Treatment Data

Treatment Remarks	Total Proppant (lbs)	Totle Fluid (bbls)	Treatment Type	Interval Treated?
10/20: Stage-Frac lateral 13,081'-22,872' O/A in 57 stages w/ 638590 bbls fluid carrying 27987268# sd. 1/21: Drill out all plugs w/ CT. SICP: 4,300#. TLTR: 648,325 bbls.				

### Production Data

Gas Gravity	API Oil Gravity	24-Hour Rate Water(BWPD)	24-Hour Rate Gas (MCF)	Disposition Gas
		FLOWS FROM WELL		SOLD

### Test Data

Completion Code	Interval Number	Hours Tested	Test Date	Test Date	Completion Code	Wellbore Code
00	S1	1				

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### Test Data

Casing Pressure (psi)	1040
Tubing Pressure Shut-In (psi)	
Choke Size	
Gas-Oil Ratio (SCF/Bbl)	1000
24-Hour Rate Water(BWPD)	5274
24-Hour Rate Gas (MCF)	460
24-Hour Rate Oil (bbls)	460
Hours Tested	24
Test Date	01/30/2021
Interval Number	1
Completion Code	S1
Wellbore Code	00

### Well Location

Survey Type: RECTANGULAR

Survey Number: 6457B

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0937158	-103.6064613	3401	N/A	N/A	FEDERAL	NMNM122620				126	FNL	1032	FEL	25S	33E	30	NENE

KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0933743	-103.6061881	-8799	12200	12200	FEDERAL	NMNM110838				126	FNL	1032	FEL	25S	33E	30	NENE
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PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0930026	-103.6058804	-9409	13081	12810	FEDERAL	NMNM15321				480	FNL	937	FEL	25S	33E	31	NENE
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	Aliquot/Lot/Tract	SESE
	Section	6
	Range	
	Township	
	EW-Indicator	
	EW-Foot	
	NS-Indicator	
	NS-Foot	
	Plug Type	
	Plug MD (ft)	
	Plug TVD (ft)	
	Lease Number	
	Lease Type	
	TVD (ft)	
	MD (ft)	
	Elevation (MSL)	
	Longitude	
	Latitude	
	County	
	State	
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL
	LEA	LEA
	32.066 1315	-103.60 57939
	32.065 5672	-103.60 58152
	228 70	-9319
	127 20	230 77
	FEDERAL	FEDERAL
	NMNM 15321	NMNM 15321

BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.065 5672	-103.60 58152	-9324	230 77	127 25	FEDERAL	NMNM 15321			98	FSL	919	FEL	26S 33E	6	SESE
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## Casing, Liner and Tubing

### Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	920	13.375	54.5	J-55		BUTT	
00	INTERMEDIATE	12.25	0	4847	10.75	45.5	HCL-80		BUTT	

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## Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	INTERMEDIATE	9.875	0	11666	7.625	29.7	HCP-110		BUTT	Eagle SF	
00	PRODUCTION	6.75	0	23052	5.5	23	P-110		OTHER	EAGLE SF	

## Cementing

## Tubing

Describe Other	
Tubing Coupling	
Describe Other	
Tubing Grade	
Tubing Weight	
Packer Depth (MD/ft)	
Tubing Setting Depth (MD/ft)	
Describe Other	
Tubing Size	
Wellbore Code	00

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## Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

## Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

**Name:** KAISER FRANCIS OIL COMPANY

**Signed By:** CHRISTINA OPFER

**Title:** Regulatory Manager

**Signed on:** 01/12/2024

**Street Address:** 6733 S YALE AVENUE

**City:** TULSA

**State:** OK

**Zip:** 74121

**Phone:** (918)491-4468

**Email address:** CHRISTINAO@KFOC.NET

## Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

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### Attachments

Red\_Hills\_606H\_WB\_20221102081249.pdf

Red\_Hills\_606H\_2IN\_MD\_20221102082853.pdf

Red\_Hills\_606H\_2IN\_TVD\_20221102082854.pdf

Red\_Hills\_606H\_5IN\_TVD\_20221102082854.pdf

Red\_Hills\_606H\_5IN\_MD\_20221102082854.pdf

Red\_Hills\_606H\_WBD\_20221102082912.pdf

Red\_Hills\_606H\_Final\_Survey\_20221102085924.pdf

RED\_HILLS\_606H\_AS\_DRILLED\_NAD83\_20240112122124.pdf

Operator Archived Well Completion Report Processes										Quick Search	<input type="button" value="Search"/>	Excel	Monitoring	<input type="button" value="Print"/>
	APD ID	WCR ID	BLM Office	Operator	Well Name	Well Number	US Well Number	Status						
	10400052998	86419	Carlsbad	KAISER FRANCIS OIL COMPANY	RED HILLS FEDERAL	606H	3002547185	ACCEPTED						

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 515489

**ACKNOWLEDGMENTS**

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 515489
	Action Type: [C-105] Well (Re)Completion (C-105)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
<input checked="" type="checkbox"/>	I hereby certify that no additives containing PFAS chemicals were added to the fluid used in the completion or recompletion of this well.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 515489

**CONDITIONS**

Operator:  KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 515489
	Action Type: [C-105] Well (Re)Completion (C-105)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	12/15/2025