



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

08/23/2022

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

Section 1 - General

Well Completion Report Id: 59972**Submission Date:** N/A until DB**BLM Office:** Carlsbad Field Office**User:** Eric Hansen**Title:** Drilling Engineer**Federal/Indian:** FEDERAL**Lease Number:** NMNM015321**Lease Acres:** 838.8**Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** KAISER FRANCIS OIL COMPANY

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** upper bonespring**Field Name:** JENNINGS**Well Type:** OIL WELL**Spud Date:** 10-21-2019**Date Total Measured Depth Reached:** 10-30-2019**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
---	SANDSTONE		3419	0	0	NONE	
RUSTLER	ANHYDRITE, SANDSTONE		2559	860	860	NONE	

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
SALADO	SANDSTONE		2219	1200	1200	NONE	
TOP SALT	ANHYDRITE		1419	2000	2000	NONE	
BASE OF SALT	ANHYDRITE		-1031	4450	4450	NONE	
LAMAR	LIMESTONE, SANDSTONE		-1331	4750	4750	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-1451	4870	4870	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2451	5870	5880	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-5181	8600	8600	NATURAL GAS, OIL	
BONE SPRING	SANDSTONE		-5381	8800	8800	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE, SHALE		-5766	9185	9293	NATURAL GAS, OIL	
BONE SPRING 1ST	SHALE		-6531	9950	9950	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
---------------	-----------------	-----------------	-------------	--------------	----------------------	-------------------------------	-------------------	----------------	---------------------	-----------	-------------------	----------------------	----------------------	------------------	-----------------	--------------------

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM15321	NMNM15321	NEW		GLO	03-15-2021	03-19-2021	BONE SPRING	9345	16647	Y	.42	2064	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	325635	1008922	<p>Completion began (10/12/20)</p> <p>Completion finished (11/29/20)</p> <p>1. MIRU WL.</p> <p>2. TCP</p> <p>Stage 1 @ 16,525'-16,647'. Broke down perms.</p> <p>3. Stage frac'd lateral 9,345'-16,647' in 43 stages w/325,635 bbls fluid + 19,008,922 # sand.</p> <p>4. Drilled out plugs with roller cone bit. Flowed back well</p>

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1	44	0.8	GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	03/26/2021	24	635	1344	2372	2116	34/64	975		

Well Location

Survey Type: RECTANGULAR

Survey Number: 6100

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0863915	-103.614189	3419	FEDERAL	NMNM15321				2400	FSL	1775	FWL	25S	33E	31	NESW

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0868745	-103.6146094	-5258	FEDERAL	NMNM15321				2576	FSL	1646	FWL	25S	33E	31	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0859912	-103.6144843	-5591	FEDERAL	NMNM15321				2254	FSL	1683	FWL	25S	33E	31	NESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.065974	-103.6143891	-5831	FEDERAL	NMNM15321				247	FSL	1690	FWL	26S	33E	6	SESW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0655784	-103.6143781	-5831	FEDERAL	NMNM15321				103	FSL	1693	FWL	26S	33E	6	SESW

Casing, Liner and Tubing

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)
---------------	--------------------	-----------	------------------------	---------------------------	-------------	------------	--------------	-----------------------------	-------	-------------	--------------------

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

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	SURFACE	17.5	0	920	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	4939	9.625	40	P-110		LT&C		
00	PRODUCTION	8.75	0	16789	5.5	20	P-110		OTHER	GBCD	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Halcm	390	1.75	0	Halcm	260	1.35	0	184.1
00	INTERMEDIATE		Econocem	850	2.5	0	Halcm	365	1.33		464.9
00	PRODUCTION		NeoCem	775	3.52	215	Versacem	1955	1.22		910.6

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		8815	8815	6	L-80		OTHER	Benoit EUI

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

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:** Eric Hansen**Title:** Drilling Engineer**Signed on:** 04/22/2021**Street Address:** 6733 S. Yale Ave.**City:** Tulsa**State:** OK**Zip:** 74121**Phone:** (918)491-4339**Email address:** EricH@kfoc.net**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Operator Name KAISER FRANCIS OIL COMPANY	Well Name RED HILLS	Well Number 003H	US Well Number 3002545418
SHL NESW Sec 31 25S 33E	County LEA	State NM	Lease Number(s) NMNM015321, NMNM15321, NMNM15321
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name RED HILLS	Well Pad Number 2	ID 10400032232

5in_TVD_Red_Hills_003H_20210422130425.pdf

Red_Hills_003H_Final_Points__NAD_83__20210422130439.pdf

Red_Hills_003H_Final_Surveys__NAD_83__20210422130440.pdf

Red_Hills_003H_Final_Surveys_Geo__NAD_27__20210422130440.pdf

5in_MD_Red_Hills_003H_20210422130442.pdf

Red_Hills_003H_WBD_20210422130506.pdf

Red_Hills_Fed_C_102_HSU_20210422130518.pdf

Afmss2 Web x +

afmss.blm.gov/afmss-portal/afmss-portal

RCS LII 43 CFR Part 3160 ... Laws & Regulations... BLM Application Se... RRC Online Researc... RRC RAMP OCD Permitting OCD All Forms SONRIS- Strategic... https://www.dmr.n... IHS Market Energy L... Oil and Gas Electro... Oklahoma

AFMSS Portal Modules Finder Forms Knowledge Base Help Desk

My Well Completion Worklist

Operator In-flight Well Completion Processes

Operator Archived Well Completion Processes

Operator Archived Well Completion Processes

Quick Search

		Well Name	Well Number	US Well Number	Status	Created Date	Date Accepted
			00			From: mm/dd/yyyy To: mm/dd/yyyy	From: mm/dd/yyyy To: mm/dd/yyyy
	FRANCIS OIL COMPANY	RED HILLS	003H	3002545418	ACCEPTED	2021-04-15 21:36	2022-08-02 22:32

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 140284

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 140284
	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 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 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/oed/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 140284

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 140284
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/29/2025