

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Kaiser-Francis Oil Company P.O. Box 21468, Tulsa, OK, 74121-1468		² OGRID Number 12361	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 025 - 45385	⁵ Pool Name WC - 025 G - 06 S253329D; UPR BONE SPRIN		⁶ Pool Code 97994
⁷ Property Code 5467	⁸ Property Name Red Hills Federal		⁹ Well Number 103H

II. ¹⁰ Surface Location

UL or lot no. K	Section 31	Township 25S	Range 31E	Lot Idn	Feet from the 2400	North/South Line South	Feet from the 1755	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. N	Section 6	Township 26S	Range 31E	Lot Idn	Feet from the 103	North/South line South	Feet from the 2186	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Markwest Tornado GP, LLC 1515 Araphoe St., Suite 1600 Denver, CO 80202	G
	Plains Pipeline LP 333 Clay St., #1600 Houston, TX 77002	O

IV. Well Completion Data

²¹ Spud Date 10/5/19	²² Ready Date 3/19/21	²³ TD 17,390MD/ 9867 TVD	²⁴ PBTD 17,291MD/ 9870 TVD	²⁵ Perforations 10,002 - 17,257	²⁶ DHC, MC -	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17 - 1/2		13 - 3/8		935		650 SXS
12 - 1/4		9 - 5/8		4,956		1,150 SXS
8 - 1/2		5 - 1/2		17,382		2,880 SXS

V. Well Test Data

³¹ Date New Oil 3/20/21	³² Gas Delivery Date 3/20/21	³³ Test Date 3/30/21	³⁴ Test Length 24hr	³⁵ Tbg. Pressure 950	³⁶ Csg. Pressure 0
³⁷ Choke Size 32/64	³⁸ Oil 585	³⁹ Water 2063	⁴⁰ Gas 1058		⁴¹ Test Method
⁴² 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. Signature: Eric Hansen			OIL CONSERVATION DIVISION		
Printed name: Eric Hansen			Approved by: KURT SIMMONS		
Title: Petroleum Engineer			Title: NMOCD, SANTA FE		
E-mail Address: EricH@kfoc.net			Approval Date: 08/26/2021		
Date: 4/13/21		Phone:			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45385	² Pool Code 97994	³ Pool Name WC-025 G-06 S253329D; UPR BONE SPRIN
⁴ Property Code 5467	⁵ Property Name RED HILLS	⁶ Well Number 103H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3418.7

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	25 S	33 E		2400	SOUTH	1755	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	26 S	33 E		103	SOUTH	2186	WEST	LEA
¹² Dedicated Acres 479.8	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-20405						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

		¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Eric Hansen 4/13/21 Signature Date Eric Hansen Printed Name erich@kfoc.net E-mail Address
¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> FEBRUARY 17, 2021 Date of Survey 12797 Signature and Seal of Professional Surveyor: Certificate Number: 12797 NEW MEXICO PROFESSIONAL SURVEYOR NO. 6208C		

Intent ☐ As Drilled ☒

API # 30-025-45385		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: RED HILLS	Well Number 103H

Kick Off Point (KOP)

UL K	Section 31	Township 25S	Range 33E	Lot	Feet 2587	From N/S SOUTH	Feet 2179	From E/W WEST	County LEA
Latitude 32.0869048					Longitude 103.6128852				NAD 83

First Take Point (FTP)

UL K	Section 31	Township 25S	Range 33E	Lot	Feet 2199	From N/S SOUTH	Feet 2216	From E/W WEST	County LEA
Latitude 32.0858392					Longitude 103.6127634				NAD 83

Last Take Point (LTP)

UL N	Section 6	Township 26S	Range 33E	Lot	Feet 238	From N/S SOUTH	Feet 2186	From E/W WEST	County LEA
Latitude 32.0659489					Longitude 103.6127878				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-45386		
Operator Name: Kaiser-Francis	Property Name: Red Hills 001h	Well Number

KZ 06/29/2018

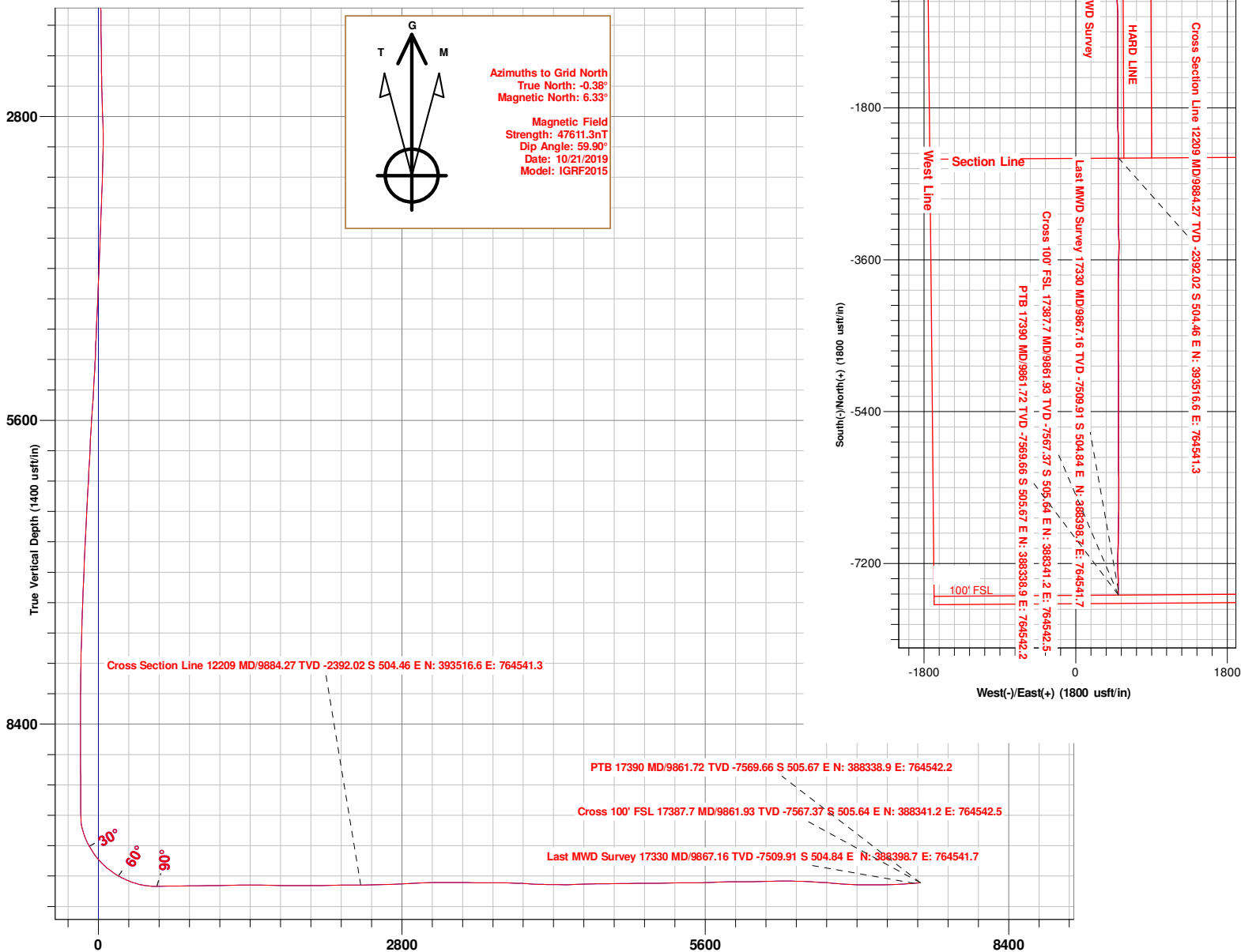


Kaiser-Francis Oil Company
 Project: Lea County, NM (NAD 83)
 Site: Sec 31-T2SS-R33E
 Well: Red Hills 103H
 Wellbore: Wellbore #1
 Survey: Survey #1 (Red Hills 103H/Wellbore #1)

WELL DETAILS: Red Hills 103H

Ground Elevation:: 3418.70
 RKB Elevation: 3418.7+23 @ 3441.70usft
 Rig Name:

Northing	Easting	Latitude	Longitude
395908.64	764036.91	32.08639168	-103.61425371



Well Name: RED HILLS	Well Location: T25S / R33E / SEC 31 / NESW / 32.0863916 / -103.6141245	County or Parish/State: LEA / NM
Well Number: 103H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545385	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 04/16/2021	Time Sundry Submitted: 02:41
Date Operation Actually Began: 10/14/2020	

Actual Procedure: Completion began 10/14/20 Completion finished 11/27/20 1.MIRU WL. 2.TCP Stage 1: 17,135-17,257. Broke down perms. 3.Stage frac lateral 10,002-17,257 in 43 stages w/355,972 bbls fluid + 19,657,901# sand. 4.Drilled out plugs w/roller cone bit. Return well to sales.

SR Attachments

Actual Procedure

Red_Hills_103H_WBD_Completion_20210416144108.pdf

Received by OCD: 7/15/2021 10:16:36 AM

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Well Name: RED HILLS	Well Location: T25S / R33E / SEC 31 / NESW / 32.0863916 / -103.6141245	County or Parish/State: LEA / NM
Well Number: 103H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545385	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Operator Certification

I certify that the foregoing is true and correct. 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 to 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 Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: ERIC HANSEN	Signed on: APR 16, 2021 02:41 PM
Name: KAISER FRANCIS OIL COMPANY	
Title: Drilling Engineer	
Street Address: 6733 S. Yale Ave.	
City: Tulsa	State: OK
Phone: (918) 491-4339	
Email address: EricH@kfoc.net	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 04/30/2021
Signature: Jonathon Shepard	

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Red Hills Federal		
								6. Well Number: 103H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Kaiser-Francis Oil Company						9. OGRID 12361				
10. Address of Operator P.O. Box 21468, Tulsa, OK 74121-1468						11. Pool name or Wildcat WC-025 G-06 S253329D; UPR BONE SPRIN				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	31	25S	31E		2400	South	1755	West	Lea
BH:	N	6	26S	31E		103	South	2186	West	Lea
13. Date Spudded 10/5/19	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.) 3419 GR		
18. Total Measured Depth of Well 17,390MD 9,867TVD			19. Plug Back Measured Depth 17,291MD 9,870TVD			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,002-17,257								Ava lon		
CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		54.5		935		17-1/2		650 SXS		- 0 -
9-5/8		40		4,956		12-1/4		1,150 SXS		- 0 -
5-1/2		20		17,382		8-1/2		2,880 SXS		- 0 -
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
None		-	-	-		2-7/8	17,291	9,325		
26. Perforation record (interval, size, and number) 10,002-17,257						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,002-		552,361 bbls fluid +		
						17,257		19,657,901# sd		
PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
31. List Attachments C-104NW, C-102 As-Drilled w/HSU, C-103 Casing, C-103 Completion, Final Svy,WBD										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Printed Name			Title			Date	
E-mail Address										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOG OF THE CORE (Attach additional sheet if necessary)							
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

District I

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 36483

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 36483
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 36483

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 36483
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/26/2021