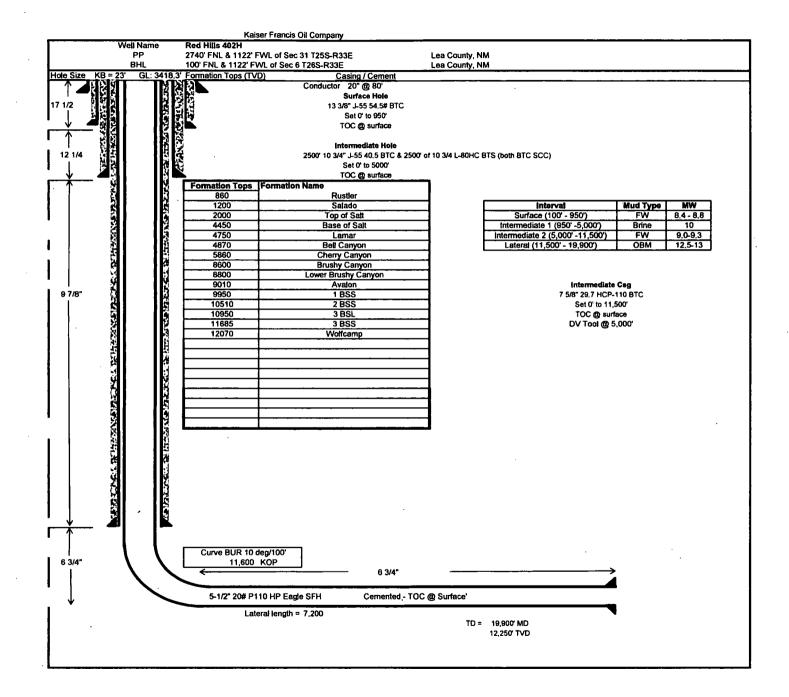
B	UNITED STATES PARTMENT OF THE I UREAU OF LAND MANA NOTICES AND REPO	GEMENT RTS ON WELLS	OCD Hobers: 5. Lease Serial No. NMNM15321	January 51, 2016	
Do not use thi abandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re-enter an D) for such proposal	BBS OCD ^{Indian, Allottee}	or Tribe Name	
SUBMIT IN	TRIPLICATE - Other ins	tructions on page 2 AU	G 2 1 2019 ^{7.} If Unit or CA/Ag	reement, Name and/or No.	
1. Type of Well	ner	RE	8. Well Name and No CEIVED RED HILLS 402	о. Н	
2. Name of Operator KAISER FRANCIS OIL COMF	Contact: PANY E-Mail: EricH@KF	ERIC HANSEN	9. API Well No. 30-025-45387		
Ba. Address		3b. Phone No. (include area code) Ph: 918-491-4339	10. Field and Pool of JENNINGS	r Exploratory Area	
TULSA, OK 74121-1468 4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description))	11. County or Parish	1. State	
Sec 31 T25S R33E NESW 24 32.086391 N Lat, 103.614319		LEA COUNTY, NM			
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICATE NATURE O	F NOTICE, REPORT, OR OT	THER DATA	
TYPE OF SUBMISSION		TYPE O	FACTION		
X Notice of Intent	Acidize	Deepen	Production (Start/Resume)	UWater Shut-Off	
Subsequent Report	Alter Casing	Hydraulic Fracturing		U Well Integrity	
☐ Final Abandonment Notice	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other Change to Original A PD	
	Convert to Injection	Plug Back	Water Disposal		
30-025-45387. Due to offset operators compl design. Changing the design the salt formations, and aid in being preformed on shallower Kaiser Francis Oil Company w	should not affect the well well control due to close intervals.	s production, It will be used to proximity of offset hydraulic fr	o protect acturing		
17-1/2" hole size> set 13-3/ 12-1/4" hole size> set 10-3/					
14. I hereby certify that the foregoing is Con Name (Printed/Typed) ERIC HAN	Electronic Submission # For KAISER FF mitted to AFMSS for proc	465592 verified by the BLM We RANCIS OIL COMPANY, sent to essing by PRISCILLA PEREZ o Title DRILLI	ll Information System o the Hobbs n 05/16/2019 (19PP1935SE) NG ENGINEER		
Signature (Electronic S	Date 05/15/2	019			
	THIS SPACE FO	OR FEDERAL OR STATE	OFFICE USE		
Approved By_DYLAN_RQSSMAN(<u> </u>			Date 07/09/201	
n delete the applicant holds legal or equinity that the applicant holds legal or equinity holds legal	itable title to those rights in the				
tle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a	crime for any person knowingly and to any matter within its jurisdiction.	willfully to make to any department of	or agency of the United	
nstructions on page 2) ** BLM REV	ISED ** BLM REVISEI	D ** BLM REVISED ** BLN	I REVISED ** BLM REVISE	ED **	

Additional data for EC transaction #465592 that would not fit on the form

32. Additional remarks, continued

9-7/8" hole size --> set 7-5/8" set to 11,500' 6-3/4" hole size --> set to 19,900'MD.

Attached is casing detail and updated WBD. Cement will be brought to surface on Surface hole, Intermediate I, and Intermediate II strings. Cement will be attempted to be brought to surface on the production string.



	11		8.1	4.1	4.7	52	2.6					
	1 15		121	62	4.6	2.8	96					
		8	7.0	24	2.0	1.7	17					
]]]		3.6	1.2	11 [1.2	1.6					
		8										
· .			00000	120000	0008901	. 769000	0006279					
	1		000679	619000	0000901	000006	- 000674					•
	I		0110	3130	0125	., 8986	14360					
	1		. 0951	-	- 0962	020						
	1		t Sta	-	2600	5502 6	┝					
				1	1							
		5	6	9	9	2	1					
	-		NC	NC	NC	NC	â					
	1	đ	M-16	34	34	X	5:57					
	1		016	2500	8005	11700	19684					
	1		8.4 - 9.0	8.8-10	8.6-10	5.9.3	12.5-13.0					
	1		ΕW	Cut Brine	Cut Brine	Cut Brine	OBM					
\sim	18 10	5	8	2500	8	11,500	12,250					
50			17.5	12.25	12.25	578-6	63					
(). 22, 0)		New	New	New	New	New	ž					
Ó		1		Î	Ĭ							
	line		ы		v	ц Ц	ļ					
	j		554	155	L-80 HC	HCP-110	Ì					
			54.5	40.S	45.5	2.2	9					
		R	-9/6-61	10-3/4"	10-3/4"	7-5/8-]					
		120	<u>8</u>	0-2500	2500-5000	11500	00651					
	, in the second s	Conductor	Surface	Intermediate 0-2500	Intermediate 2500-5000	Intermediate	0066T / T-200					
	ا ــــــــــــــــــــــــــــــــــــ					Ľ						_
	familie Top	860	1200	2000	4450	4750	4870	2860	B SCD	8800	9010	0566
	Farmer F	Rustler	Salacto	Top of Salt	Base of Selt	Lamer	Bell Canyon	Cherry Canyon	Arushy Camyon	Lanuar Bready Conyco	Avation	1 BSS
	<u> </u>	Ĩ	Î	Top	8		1	Cherr	Brosh	ļ	4	

U. S. Steel Tubular Products

5 1/2 20.00 lb (0.361) P110 HP

USS-EAGLE SFH™

	PIPE	CONNECTION	ı
MECHANICAL PROPERTIES			
Minimum Yield Strength	125,000		psi
Maximum Yield Strength	140,000		psi
Minimum Tensile Strength	130,000		psi
DIMENSIONS	. I		
Outside Diameter	5.500	5.830	in.
Wall Thickness	0.361		in.
Inside Diameter	4.778	4.693	in.
Drift - API	4.653	4.653	in.
Nominal Linear Weight, T&C	20.00		lbs/ft
Plain End Weight	19.83		lbs/ft
SECTION AREA			
Cross Sectional Area Critical Area	5.828	5.027	sq. in.
Joint Efficiency		86.25	%
PERFORMANCE			
Minimum Collapse Pressure	13,150	13,150	psi
External Pressure Leak Resistance		10,000	psi
Minimum Internal Yield Pressure	14,360	14,360	psi
Minimum Pipe Body Yield Strength	729,000		lbs
Joint Strength		629,000	lbs
Compression Rating		629,000	lbs
Reference Length		21,146	ft
Maximum Uniaxial Bend Rating		89.9	deg/100 ft
MARILEPEATA			
Minimum Make-Up Torque		14,200	ft-lbs
Maximum Make-Up Torque		16,800	ft-lbs
Maximum Operating Torque		25,700	ft-lbs
Make-Up Loss		5.92	in.

Notes:

 Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).

2) Compressive & Tensile Connection Efficiencies are calculated by dividing the connection critical area by the pipe body area.

3) Uniaxial bending rating shown is structural only, and equal to compression efficiency.

4) Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).

5) Reference length is calculated by joint strength divided by plain end weight with 1.5 safety factor.

6) Connection external pressure resistance has been verified to 10,000 psi (Fit-For-Service testing protocol).

Legal Notice: All material contained in this publication is for general information only. This material should not therefore be used or relied upon for any specific application without independent competent professional examination and verification of accuracy, suitability, and applicability. Anyone making use of this material does so at their own risk and assumes any and all liability resulting from such use. U S. Steel disclaims any and all expressed or implied warranties of fitness for any general or particular application. Manuel USS Product Data Sheet 2017 rev26 (Sept)

U. S. Steel Tubular Products 10343 Sam Houston Park Dr., #120 Houston, TX 77064 1-877-893-9461 connections@uss.com www.usstubular.com



PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Kaiser Francis Oil Company
LEASE NO.:	NMNM15321
WELL NAME & NO.:	Red Hills 402H
SURFACE HOLE FOOTAGE:	2400' FSL & 1735' FWL
BOTTOM HOLE FOOTAGE	100' FNL & 1122' FWL
LOCATION:	Section 31, T 25S, R 33E, NMPM
COUNTY:	Lea County, New Mexico

H2S	· Yes	C No	
Potash	• None	C Secretary	C R-111-P
Cave/Karst Potential	C Low	Medium	C High
Variance	C None	Flex Hose	
Wellhead	Conventional	Multibowl	⊂ Both

Besides those listed below, all previous Conditions of Approval still apply.

A. CASING

- 1. The 13-3/8" surface casing shall be set at approximately 950' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. If cement does not circulate to surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of 6 hours after pumping cement, ideally between 8-10 hours after completing the cement job.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours</u> or <u>500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out that string.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The 10-3/4" intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see A.1.a, c & d.
 - b. Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- i. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with the second stage.
- ii. Second stage via DV tool: Cement to surface. If cement does not circulate, contact the appropriate BLM office.
- 3. The **7-5/8**" intermediate casing shall be cemented shall be cemented with at least 200'tie-back into the previous casing:
 - a. In Medium Cave/Karst Areas, if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
- 4. The **5-1/2**" production casing shall be cemented with at least 200'tie-back into the previous casing:
 - a. In Medium Cave/Karst Areas, if cement does not circulate to surface on two of the first three casing strings, the cement on the 4th casing string must come to surface.

All other applicable Conditions of Approval still apply.

DR 7/9/2019