Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD
DEC 05 2019
RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMLC063993

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891001066X

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
BELL LAKE UNIT SOUTH 401H

2. Name of Operator
KAISER FRANCIS OIL COMPANY
Contact: CHARLOTTE VAN VALKENBURG
E-Mail: Charlotv@kfoc.net

9. API Well No.
30-025-45521-00-S1

3a. Address
TULSA, OK 74121-1468

3b. Phone No. (include area code)
Ph: 918-491-4314

10. Field and Pool or Exploratory Area
BELL LAKE
BONE SPRINGS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 1 T24S R33E SWNW 2050FNL 295FWL
32.248226 N Lat, 103.533653 W Lon

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☒ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

This is to request approval to dispose of produced water from the above well.

1. Formation Wolfcamp
2. Amount of water produced 1200 BWPD
3. See attached water analysis
4. Storage method Multiple 1000 bbl coated steel tanks
5. Method of removal from lease Pipelined
6. Operator and disposal facility

Oilfield Water Logistics
Madera SW 14 24S 34E Lea Co., NM
McCoy SWD 15 24S 32E Lea Co., NM

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #493457 verified by the BLM Well Information System
For KAISER FRANCIS OIL COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/22/2019 (20DLM0095SE)

Name *(Printed/Typed)* CHARLOTTE VAN VALKENBURG — Title MGR., REGULATORY COMPLIANCE

Signature (Electronic Submission) — Date 11/22/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD
NOV 26 2019
DMcKinney
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved By — Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Strategy Oilfield Services
WATER ANALYSIS REPORT

SAMPLE

Oil Co. : **Kaiser Francis**
Lease : **South Bell Lake Unit**
Well No.: **#401H**
Location:
Attention:

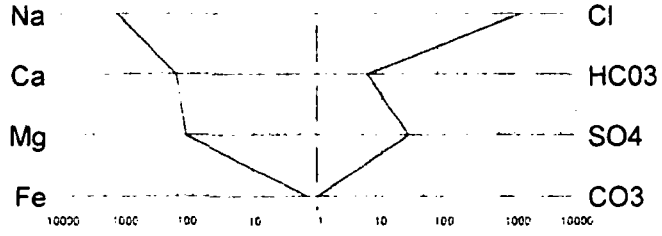
Date Sampled : **22-October-2019**
Date Analyzed: **25-October-2019**
Lab ID Number: **Oct2519.002- 13**
Salesperson :
File Name : **oct2519.002**

ANALYSIS

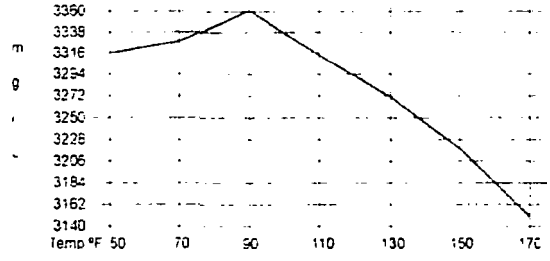
1.	Ph			7.000		
2.	Specific Gravity 60/60 F.			1.053		
3.	CACO3 Saturation Index		@ 80F	0.235	Mild	
			@140F	1.160	Moderate	
	Dissolved Gasses			MG/L.	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide			0		
5.	Carbon Dioxide			140		
6.	Dissolved Oxygen			Not Determined		
	Cations					
7.	Calcium	(Ca++)		2,922	/ 20.1 =	145.37
8.	Magnesium	(Mg++)		1,247	/ 12.2 =	102.21
9.	Sodium	(Na+)	(Calculated)	27,411	/ 23.0 =	1,191.78
10.	Barium	(Ba++)		6	/ 68.7 =	0.09
	Anions					
11.	Hydroxyl	(OH-)		0	/ 17.0 =	0.00
12.	Carbonate	(CO3=)		0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO3-)		349	/ 61.1 =	5.71
14.	Sulfate	(SO4=)		1,200	/ 48.8 =	24.59
15.	Chloride	(Cl-)		49,989	/ 35.5 =	1,408.14
16.	Total Dissolved Solids			83,124		
17.	Total Iron	(Fe)		23.50	/ 18.2 =	1.29
18.	Manganese	(Mn++)		9.00	/ 27.5 =	0.33
19.	Total Hardness as CaCO3			12,431		
20.	Resistivity @ 75 F. (Calculated)			0.116 Ohm · meters		

LOGARITHMIC WATER PATTERN

*meq / L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT	=	mg/L
Ca(HCO3)2	5.71		81.04		463
CaSO4	24.50		68.07		1,668
CaCl2	115.16		55.50		6,391
Mg(HCO3)2	0.00		73.17		0
MgSO4	0.00		60.19		0
MgCl2	102.21		47.62		4,867
NaHCO3	0.00		84.00		0
NaSO4	0.00		71.03		0
NaCl	1,190.77		58.46		69,612

* milliequivalents per Liter

Quincy Chavez, Analyst