

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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.*

5. Lease Serial No.  
NMLC061374A

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page DEC 05 2019**

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
TULSA, OK 74121-1468

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T24S R34E 2276FNL 247FEL  
32.247581 N Lat, 103.501350 W Lon

8. Well Name and No.  
BELL LAKE UNIT SOUTH 112H

9. API Well No.  
30-025-45858-00-S1

10. Field and Pool or Exploratory Area  
OJO CHISO; BONE SPRING SW

11. County or Parish, State  
LEA COUNTY, NM

**RECEIVED**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> 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 Bone Spring
2. Amount of water produced 1800 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 McCoy SWD  
14 24S 34E 15 24S 32E  
Lea Co., NM Lea Co., NM

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

Electronic Submission #493447 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 (20DLM0092SE)

Name (Printed/Typed)	CHARLOTTE VAN VALKENBURG	Title	MGR., REGULATORY COMPLIANCE
Signature	(Electronic Submission)	Date	11/22/2019
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>			
Approved By	Title		<div style="border: 2px solid black; padding: 5px;"> <p><b>ACCEPTED FOR RECORD</b></p> <p>NOV 26 2019</p> <p><i>DMcKinney</i> <i>UJE</i></p> <p>BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE</p> </div>
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 \*\***

*[Handwritten Signature]*



# Strategy Oilfield Services

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Kaiser Francis  
 Lease : South Bell Lake Unit  
 Well No.: #112H  
 Location:  
 Attention:

Date Sampled : 22-October-2019  
 Date Analyzed: 25-October-2019  
 Lab ID Number: Oct2519.002- 8  
 Salesperson :  
 File Name : oct2519.002

### ANALYSIS

1. Ph		7.100		
2. Specific Gravity 60/60 F.		1.073		
3. CACO3 Saturation Index	@ 80F	0.892	Moderate	
	@ 140F	1.782	Severe	

#### Dissolved Gasses

	MG/L.	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	0		
5. Carbon Dioxide	130		
6. Dissolved Oxygen	Not Determined		

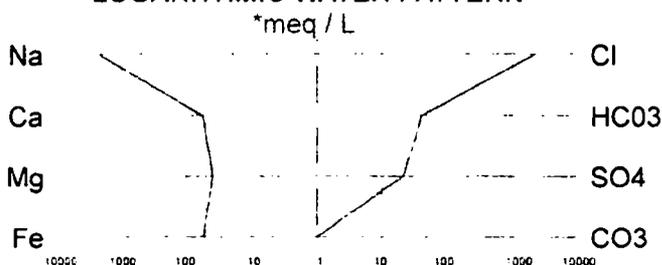
#### Cations

7. Calcium (Ca++)	1,082	/ 20.1 =	53.83
8. Magnesium (Mg++)	459	/ 12.2 =	37.62
9. Sodium (Na+) (Calculated)	49,187	/ 23.0 =	2,138.57
10. Barium (Ba++)	5	/ 68.7 =	0.07

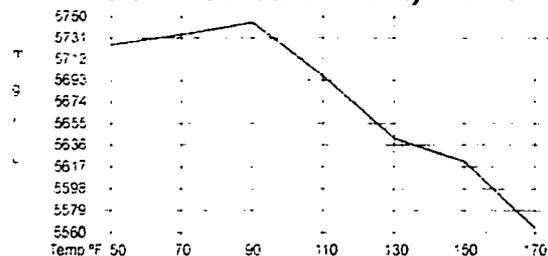
#### Anions

11. Hydroxyl (OH-)	0	/ 17.0 =	0.00
12. Carbonate (CO3=)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO3-)	2,383	/ 61.1 =	39.00
14. Sulfate (SO4=)	1,000	/ 48.8 =	20.49
15. Chloride (Cl-)	76,983	/ 35.5 =	2,168.54
16. Total Dissolved Solids	131,099		
17. Total Iron (Fe)	950.00	/ 18.2 =	52.20
18. Manganese (Mn++)	0.26	/ 27.5 =	0.01
19. Total Hardness as CaCO3	4,594		
20. Resistivity @ 75 F. (Calculated)	0.058 Ohm · meters		

#### LOGARITHMIC WATER PATTERN



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT	=	mg/L.
Ca(HCO3)2	39.00		81.04		3,161
CaSO4	14.83		68.07		1,009
CaCl2	0.00		55.50		0
Mg(HCO3)2	0.00		73.17		0
MgSO4	5.59		60.19		336
MgCl2	32.03		47.62		1,525
NaHCO3	0.00		84.00		0
NaSO4	0.00		71.03		0
NaCl	2,136.50		58.46		124,900

\* milliequivalents per Liter

Quincy Chavez. Analyst

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