

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**RECEIVED**

8. Well Name and No.

BELL LAKE UNIT SOUTH 112H

2. Name of Operator

KAISER FRANCIS OIL COMPANY

Contact: CHARLOTTE VAN VALKENBURG

E-Mail: Charlottv@kfoc.net

9. API Well No.

30-025-45858-00-S1

3a. Address

TULSA, OK 74121-1468

3b. Phone No. (include area code)

Ph: 918-491-4314

10. Field and Pool or Exploratory Area

OJO CHISO; BONE SPRING SW

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

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			
<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 recomple 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

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

NOV 26 2019

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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 **

KZ

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 | | |

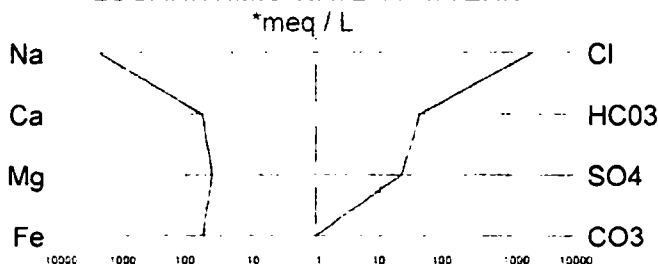
Cations

- | 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 |

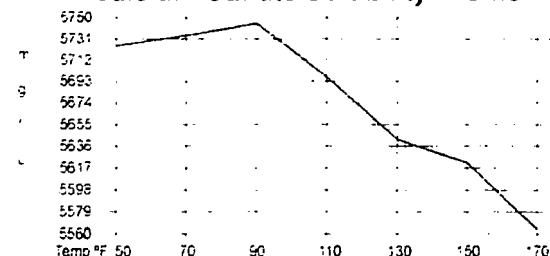
Anions

- | | | | | |
|--------------------------------------|---------|---------|--------------|----------|
| 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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