

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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|  |  |   |  |
|--|--|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>NMLC070544A                  |  |
| 2. Name of Operator<br>KAISER FRANCIS OIL COMPANY  |  | 6. If Indian, Allottee or Tribe Name                |  |
| 3a. Address<br>TULSA, OK 74121-1468  |  | 7. If Unit or CA/Agreement, Name and/or No.         |  |
| 3b. Phone No. (include area code)<br>Ph: 918-491-1341  |  | 8. Well Name and No.<br>BELL LAKE UNIT NORTH 230H   |  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 6 T23S R34E NESE 2057FSL 875FEL                    |  | 9. API Well No.<br>30-025-43033-00-X1               |  |
|  |  | 10. Field and Pool or Exploratory Area<br>BELL LAKE |  |
|  |  | 11. County or Parish, State<br>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 checked="" 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 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 checked="" type="checkbox"/> Other |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD  |

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.

1. Request to drill pilot test hole to 12,000 ft TVD on subject well to include logging and coring. See attached original wellbore diagram and the new proposed well bore diagram.

2. Change the Intermediate 9 5/8 inch casing point to 5200 ft TVD from 6700 ft TVD. See attachment.

All previous COAs still apply

|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #394759 verified by the BLM Well Information System</b><br><b>For KAISER FRANCIS OIL COMPANY, sent to the Hobbs</b><br><b>Committed to AFMSS for processing by CHARLES NIMMER on 11/13/2017 (18CN0013SE)</b> |                          |
| Name (Printed/Typed) CULLEN GUGLIELMO   | Title PETROLEUM ENGINEER |
| Signature (Electronic Submission)   | Date 11/10/2017          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                          |                 |
|---|--------------------------|-----------------|
| Approved By CHARLES NIMMER  | Title PETROLEUM ENGINEER | Date 11/14/2017 |
| 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 Hobbs  |                          |                 |

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.

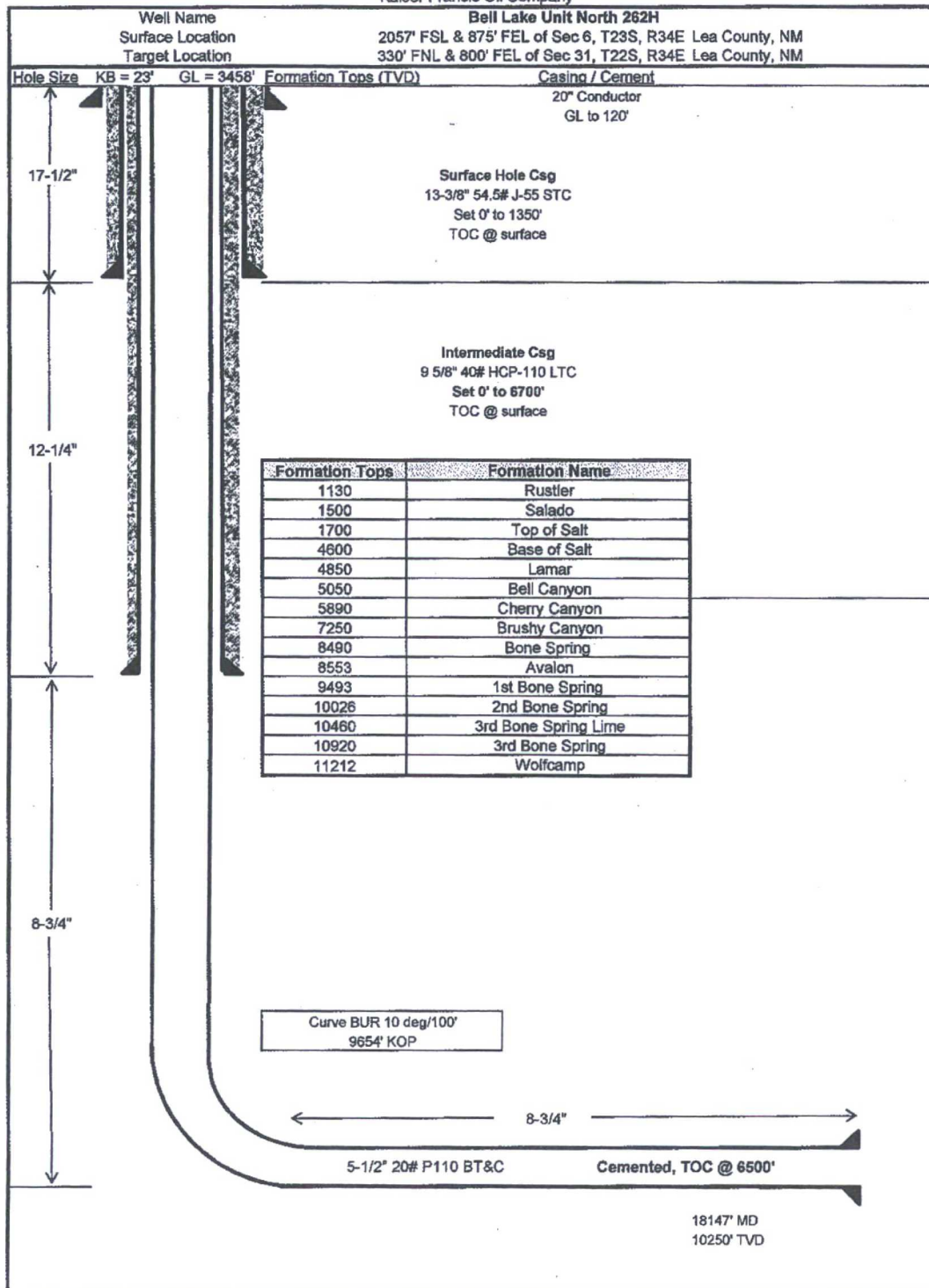
(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*KZ*

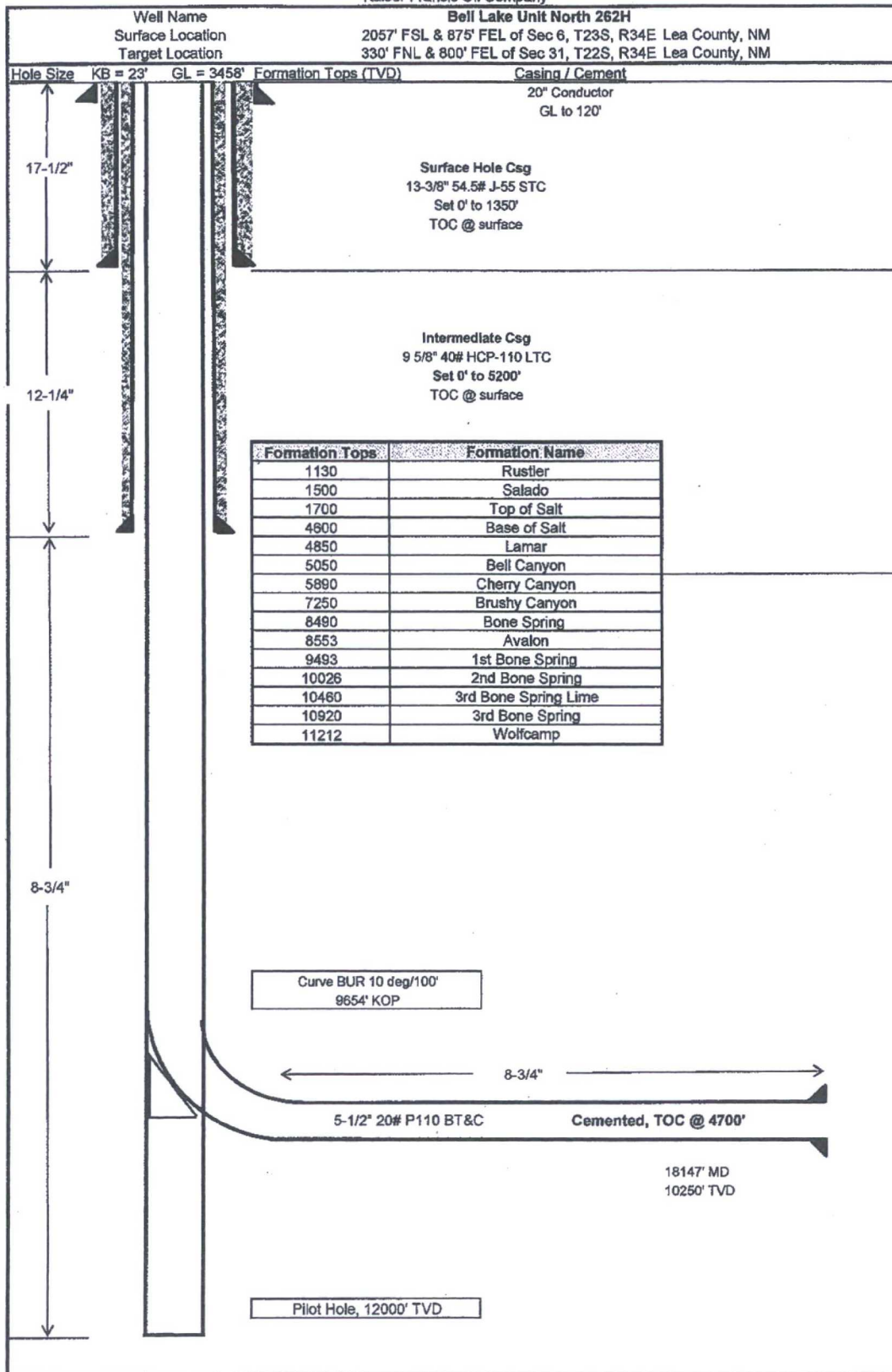
# Original Wellbore Diagram

Kaiser Francis Oil Company



# New Wellbore Diagram

Kaiser Francis Oil Company





Operator Name KAISER-FRANCIS OIL COMPANY

Well Bell Lake Unit North 230H

Date 31 October, 2017



Quote #

QUO-01204-T1H3L6

## JOB AT A GLANCE

Plug

Depth (TVD) (ft) 10250.00  
Depth (MD) (ft) 10250.00  
Hole Size (in) 8.750  
Casing Size (ft)/Weight (lb/ft)  
Pump Via Tubing  
Total Mix Water Required (gals)

## Cement Fluids

| Fluid              | Volume (bbls) | Density (ppg) | Yield (Cu Ft/sk) |
|--------------------|---------------|---------------|------------------|
| SPACER : Spacer    | 50.00         | 10.0000       |                  |
| TAIL SLURRY : Tail | 406.80        | 17.0000       | 0.9922           |

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## WELL DATA

### Inner/Outer Geometry

| Type            | OD (in) | ID (in) | Weight (lbs/ft) | MD (ft)   | TVD (ft)  | Excess (%) | Grade |
|-----------------|---------|---------|-----------------|-----------|-----------|------------|-------|
| Open Hole       |         | 8.750   |                 | 10,250.00 | 10,250.00 | 30.00      |       |
| Previous Casing | 9.63    | 8.835   | 40.00           | 5,300.00  | 5,300.00  |            |       |

Landing Collar Depth (ft)

Mud Density (ppg)

Mud Type

Estimated Static Temp (°F) 151.75

Estimated Circulating Temp (°F)

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## FLUID SPECIFICATIONS

| Fluid                  | Density (ppg) | Vol. (bbls) |
|------------------------|---------------|-------------|
| <b>SPACER : Spacer</b> | 10.0000       | 50.00       |

IntegraGuard ULTRA II, 100.00 PCT

WEIGHTING ADDITIVE, BARITE, 90.00 PPB

| Fluid                     | Density (ppg) | Yield (Cu Ft/sk) | Vol. (Cu Ft) | Vol. (sks) | Vol. (bbls) |
|---------------------------|---------------|------------------|--------------|------------|-------------|
| <b>TAIL SLURRY : Tail</b> | 17.0000       | 0.9922           | 72.45        | 410        | 406.80      |

FOAM PREVENTER, FP-11, 0.20 BWOB

RETARDER, R-21, 0.20 BWOB

DISPERSANT, CD-32, 0.30 BWOB

CEMENT, CLASS H, 100.00 PCT

| Fluid | Density (ppg) | Vol. (bbls) |
|-------|---------------|-------------|
|-------|---------------|-------------|

## CEMENT PROPERTIES

### Top-Out / Scavenger Slurry

Slurry Weight (ppg) 17.0000

Slurry Yield (Cu Ft/sk) 0.9922

Amount of Mix Water (gals/sk) 3.78

Amount of Mix Fluid (gals/sk) 3.78

Estimated Pumping Time - 70  
BC (HH:MM)

Free Water @ 90° Angle @

Free Water @ 45° Angle @

Fluid Loss at 90° Angle @