



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las CrucesLease No. 065447Unit "J"

## SUNDRY NOTICES AND REPORTS ON WELLS

|                                                     |                                     |                                                 |                                     |
|-----------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------------------|
| NOTICE OF INTENTION TO DRILL.....                   |                                     | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |                                     |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |                                     | SUBSEQUENT REPORT OF ALTERING CASING.....       |                                     |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |                                     | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |                                     |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |                                     | SUBSEQUENT REPORT OF ABANDONMENT.....           |                                     |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |                                     | SUPPLEMENTARY WELL HISTORY.....                 |                                     |
| NOTICE OF INTENTION TO ABANDON WELL.....            | <input checked="" type="checkbox"/> |                                                 |                                     |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 20, 1958Federal-Bobb "C"Well No. 2 is located 2310 ft. from [S] line and 1980 ft. from [E] line of sec. 13
N. 1/2 Sec. 13      208      13E      N.M.P.M.  
 (1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Texas      Las      New Mexico  
 (Field)      (County or Subdivision)      (State or Territory)
The elevation of the derrick floor above sea level is 3611 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11/28-12/30/57 Drilled 8" hole 1001-3401'. Used saturated brine to drill salt section. Upper Yates sand slight show oil and gas 3334-50' and 3358-66'. 1 hr. bail-test at 3372', recovered 6 gals. slight oil and gas-cut mud.

Second Yates sand penetrated 9' from 3392-3401'. 5 hr. bail-test at 3401', recovered 63 gals. mud-cut salt water with heavy acue oil. 48 hr. bail-test at 3401', recovered 50 gals. oil and 150 gals. sulphur water.

Ran GR-N logs to 3398' and suspended operations 12-30-57.

2/1-3/6/58 After 59 days shut down, plugged up cable tools and found 1150' fluid in hole - approx. 3 B. oil and 68 B. water.

Bailed hole down, cleaned out to 3401' & drilled 8" hole ahead to 3491'. (OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN CALIFORNIA PETROLEUM CORPORATIONAddress Box 1071  
Midland, TexasBy LawsonTitle Division Engineer

Second Yates sand 3392-3414, drilled with no increase in entry.  
 3448-3474, unconsolidated white sand carrying  
 sulphur water. Water entry 125' per hour -- 1000' water in hole  
 in 8 hrs.  
 Hard dolomite at 3491'. Ran 5 1/2" - 1 1/2" J-35 new casing and cemented  
 at 3491' with 75 sac "Incor" cement. RIG down 12:30 A.M. 3-1-52.  
 No fluid circulated to surface.  
 WOC 14 hrs. and ran temperature survey to plug at 3406'. Top  
 cement indicated at 3110' (at base of hole). Witnessed by B. H.  
 Frost, Foster Co. of America.  
 WOC 18 hrs. and washed and balled casing dry. No entry in 1 hr.  
 WOC 46 hrs. and drilled plug, cement, shoe and new hole to 3492'.  
 In hard dolomite. Balled hole dry - no entry in 1 hr. Drilled 5"  
 hole 3491-3540' TO.  
 Fourth Yates sand 3535-40', unconsolidated white and brown sand;  
 2000' water in hole in 3 1/2 hours. Moved off cable tool rig  
 3-12-52.  
 Plan for: 1. Set bridge plug at approx. 3433'.  
 2. Perforate 3334-3350' and 3357-3366'.  
 3. Run through perfor. for completion.