



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.
Las Cruces

Land Office **063447**
Lease No. **H**
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	X	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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

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

March 5, 1958

Federal-Bobb "C"
Well No. **3** is located **1815** ft. from **(N)** line and **990** ft. from **(E)** line of sec. **13**
SE 1/4 NE 1/4 **Sec. 13** **20S** **33E** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Teas **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3612** 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)

Jan. 19-Feb. 18: Using saturated brine, drilled 8" hole 997-3480'. No water encountered above Yates. Small show oil and gas in upper Yates sand 3321-55'. Water entry in 2nd Yates sand 3370-3415' depleted in 10 hours bailing. Water and oil show 3472-80' (oil 31.2 API gravity). Ran GR-N logs to 3477'. Ran 5 1/2" - 14#, J-55 new API casing and set at 3464' with Guide Shoe on bottom, float collar at 3399', casing centralizers at 3432, 3366, 3302, 3236, 1518 and 1454'. Cemented at 3464' with approx. 500 sac (117% of theoretical volume). Had good circulation but cement did not circulate to surface. Notified USGS, Artesia, and D. E. Protz, Potash Co. of America, witnessed cementing operations. WOC 12 hrs. and ran Temperature Survey which indicated top good cement 100' from surface - witnessed by D. E. Protz, Potash Co. of America. (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 CORP.**
Address **Box 1071**
Midland, Texas
By *Lawrence*
Title **Division Engineer**

Per NMOC Order R-1078.
WOC 40 hours; balled casing dry to top of plug at 3391'. No
entry in 1 hour. Drilled out plug, float collar and cement to
3455' and balled casing dry - no entry in 1 hour. WOK.
Drilled out cement, shoe at 3464' and cement to 3469'. Cleaned
out to 3480' and balled casing small show oil, gas and water.
Drilled 5" hole 3480-3499' TD and had good oil entry from 3rd
later and 3487-99' (unconsolidated gray-white to pink sand).
2200' of oil in hole 17 hours. February 23. Entry, casing swap
test and ball-test witnessed by R. F. Evans, USGS, Roswell on
February 25 to 26 when found 1700' fluid in hole in 14 hours,
consisting of approx. 40 bbls. oil and 3 bbls. water. Oil 36.0
API Gravity.
Drilling and cementing operations performed according to the require-
ments of NMOC Order R-111A (Potash-Oil Area) and R-1078 (Tees
Pool Rules).