



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe, N. M.

Lease No. 57 075064

Unit Carson Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	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.....	Completion Status.....

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

September 15, 1959
Carson Unit
Well No. 15-13 is located 1230 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 560 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of Sec. 13
13-13 (1/4 Sec. and Sec. No.) 13 (Twp.) 12 (Range) 13 (Meridian)
13 (Field) 13 (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6420 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)

- 4-1-59 run and cemented (5011') 4-1/2", 9.50, 4-50 casing at 5020' with 150 sack, 22200 ft., Portland Cement treated with 40 gal. Surface temperature 55°F., formation temperature 120°F. (Estimated strength after 12 hours 1500 psi). Displaced with oil. Held 1800 psi, C.R.
- 9-1-59 Cleaned out with Miller to 5000'. Perforated four 1/2" holes/ft. 4866-92, 4898-4906, 4936-40, 4949-57, 4967-73
- 9-3-59 Spotted 200 gallons mud acid. Sand oil fractured with 50,000 gallons crude, 12/gallon acid. Maximum pressure 2650 psi; average rate 25 bbls./min.

(over)

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

Company Shell Oil Company

Address Post Office Box 138

Farmington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard

Title Exploitation Engineer

9-1-59 Landed 30' frac. sand. ran tubing to 1450', ran rods and pump.

9-1-59 Pumped and recovered all load and frac. oil, 1563 barrels.
to

9-11-59

9-12-59 INITIAL PRODUCTION

Pumped 144 B/D gross, 144 B/D oil 0.2% cut, 320 MCF/D gas, GOR 2220.
Completed 9-12-59.