

DUPLICATE

OIL DEVELOPMENT COMPANY OF TEXAS
Santa Fe Pacific R.R. No. 1-27
SW NW of Sec. 27, T 9 S, R 36 E,
Lea County, New Mexico

CASING:

15" O.D. cemented at 322' with 850 sax
9-5/8" O.D. cemented at 4664' with 2400 sax
7" O.D. cemented at 10812.17' with 800 sax

Top float at 10744', undrilled to shoe
(Plugged back to 12396' before running 7" casing, 75 sax.)

MISCELLANEOUS TESTS

Sept. 29, 1949 to Dec. 9, 1949.

1. Perforated 7" casing with 8 holes from 10725.5 to 10733.5'; ran 2 1/2" EU tubing with Guiberson packer at 10730'. Tubing swabbed dry; no shows.

(a) Acidized with 1000 gals. 20% acid. Tubing again swabbed dry; no shows.
Set bridging plug at 10666'.
2. Perforated 7" casing with 30 jet holes from 10626 to 10636'. Packer at 10584'. Tubing swabbed dry; no shows.

(a) Attempt to acidize with 1000 gals. failed; formation would not break.
Set plug at 9805'.
3. Perforated 7" casing with 24 holes from 9746 to 9752'. Packer at 9711'. Tubing swabbed dry; no shows.

(a) Attempt to acidize with 500 gals. failed.
4. Reperforated same zone; swabbed salt water with 5288' of fluid in hole. T.D. 9805'.
Set plug at 9733'.
5. Perforated 7" casing with 20 holes from 9720 to 9725'. Packer at 9696'; Swabbed 2 to 3 barrels of slightly salty water per hour off bottom.

(a) Acidized with 1000 gals. and then swabbed over 20 barrels per hour of salty sulphur water. Fluid standing 7530' in casing. Slight show of gas.
Set bridging plug at 9696'.
6. Perforated 20 holes from 9680 to 9685'. Tubing swabbed dry.

(a) Acidized with 500 gals. Swabbed salt water at rate of 20 barrels per hour; 7850' of fluid in hole

(b) Squeezed 65 sax of cement thru 9680-85' perforations; final squeeze pressure 4400 psi.
7. Perforated 24 holes; 16 from 9680 to 9684, and 8 from 9674 to 9676'. T.D. 9694'. Tubing swabbed dry; no shows.

(a) Attempt to acidize with 500 gals. failed; formation would not break at 3250 psi tubing.

