

State of New Mexico "O" NCT-1 Well No. 24

Snudded 17 1/2" Hole 4:00 P. M. March 23, 1964. Ran 1523' of 13 3/8" O. D. Casing and cemented at 1534' with 850 Sx. Class "C" 4% gel, plus 350 Sx. Class "C" regular neat. Plug at 1501'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested, O. K. Job complete 2:45 P. M. March 28, 1964.

Ran 4407' of 9 5/8" O. D. Casing and cemented at 4418' with 1500 Sx. Class "C" 8% gel, plus 200 Sx. Class "C" regular neat. Plug at 4388'. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 4:30 P. M. April 6, 1964.

Vacuum Wolfcamp Zone: Ran 10,289' of 2 7/8" O. D. Casing and cemented at 10,300'. Plug at 10,289', 8' sub at 9470'.

Vacuum Abo North Zone: Ran 10,285' of 2 7/8" O. D. Casing and cemented at 10,229'. Plug at 10,210', Hot collar at 8686'.

Vacuum Glorieta Zone: Ran 10,283' of 2 7/8" O. D. Casing and cemented at 10,294'. Plug at 10,260', Hot collar at 5984'.

Cemented above strings of 2 7/8" O. D. Casing with 600 Sx. Class "C" 2% gel with FRA, and 1200 Sx. Class "C" 8% gel, plus 600 Sx. Class "C" 2% gel. Job complete 5:30 P. M. May 4, 1964. Top of cement by Temperature survey, 2800'. Tested above strings for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 11:00 A. M. May 8, 1964.

Vacuum Penn Zone: Perforate 2 7/8" O. D. Casing with one jet shot per foot from 10,206' to 10,212'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 500 gals LSTNE. Swab Well. Re-acidize with 500 gals LSTNE. Swab well. Re-acidize with 1500 Gals LSTNE. Swab well. Squeeze perforations with 15 Sx cement.

Vacuum Glorieta Zone: Perforate 2 7/8" Casing with 2 jet shots per ft from 5942' to 5943', 5948' to 5949', and 5953' to 5954'. Acidize with 500 gals LSTNE.

On 9 Hour Potential Test well Flowed thru 30/64" choke, ending 6:00 A. M. July 4, 1964, 247 BO and No Water.

GOR - 100

GRAVITY - 38.6

Top of Pay - 5942'

Btm of Pay - 5954'

NMOCC Date - May 6, 1964

TEXACO Inc. Date - July 4, 1964

Vacuum Wolfcamp Zone: Perforate 2 7/8" O. D. Casing with one jet shot per interval from 10,042', 10,051', 10,054', 10,057', and 10,062'. Acidize with 500 gals LSTNE. Swab well. Re-acidize with 1000 gals LSTNE. Swab well. Re-acidize with 500 gals LSTNE. Swab well.

On 24 Hour Potential Test well flowed thru 3/4" choke, ending 6:00 A. M. June 10, 1964, 85 BO and 1 BW.

GOR - 1110

GRAVITY - 40.1

Top of Pay - 10,042'

Btm of Pay - 10,062'

NMOCC Date - May 6, 1964

TEXACO Inc. Date - June 10, 1964.

Vacuum Abo North Zone: Perforate 2 7/8" O. D. Casing with one jet shot at 9133', 9139', 9143', 9150', 9197', 9206', 9235', 9239', and 9263'. Acidize with 3000 gals LSTNE in two stages with 5 ball sealers between stages. Swab well. Re-acidize with 4500 gals LSTNE, three stages with 4 ball sealers between stages, with 1092 Cu Ft CO<sub>2</sub> per bbl. Swab Well.

On 24 Hour Potential Test ending 6:00 A. M. July 3, 1964, well swabbed 94 BO and 26 BW.

GOR - 950

GRAVITY - 39.6

Top of Pay - 9133'

Btm of Pay - 9263'

NMOCC Date - May 6, 1964

TEXACO Inc. Date - July 3, 1964