

State of New Mexico "O" Well No. 7

Spudded 17" Hole 5:00 P. M. March 27, 1964. Ran 375' of 13 3/8" O. D. Casing and cemented at 390' with 400 Sx. Class "C" 2% gel. Plug at 360'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 2:00 A. M. March 30, 1964.

Ran 4786' of 9 5/8" O. D. Casing and cemented at 4800' with 1500 Sx. Class "C" 8% gel, plus 200 Sx. Class "C" regular. Plug at 4765'. Tested before and after drilling plug for 30 minutes with 1000 P.S.I. Tested O. K. Job complete 11:30 P. M. April 18, 1964.

Vacuum Abo North Zone: Ran 10,183' of 2 7/8" O. D. Casing and cemented at 10,199'. Plug at 10,190'. Hot collar 9200'.

Vacuum Wolfcamp Zone: Ran 10,182' of 2 7/8" O. D. Casing and cemented at 10,198'. Plug at 10,189'. Hot collar at 10,000'.

Vacuum Upper Penn Zone: Ran 10,180' of 2 7/8" O. D. Casing and cemented at 10,196'. Plug at 10,187'.

Cemented above strings with 600 Sx. Class "C" 2% gel with FRA, 1200 Sx. Class "C" 8% gel, and 600 Sx. Class "C" 2% gel. Cement Circulated. Tested above strings with 1500 P. S. I. from 3:30 P. M. to 4:00 P. M. May 14, 1964. Tested O. K. Job complete 4:00 P. M. May 14, 1964.

Vacuum Upper Penn Zone: Perforate 2 7/8" O. D. Casing with one jet shot at 10,032', 10,042', 10,065', and 10,070'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 500 gals LSTNE.

On 24 Hour Potential Test well flowed through 28/64" choke 252 BO and 5 BBL Water, ending 6:00 A. M. May 19, 1964.

GOR - 1687

GRAVITY - 40.5

Top of Pay - 10,032'

Btm of Pay - 10,070'

NMOCC Date - May 10, 1964

TEXACO Inc. Date - May 19, 1964.

Vacuum Wolfcamp Zone: Perforate 2 7/8" O. D. Casing with one jet shot at 9872', 9879', 9885', 9887', 9890', 9941', 9945', 9949', 9951', and 9953'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 1000 gals LSTNE.

On 24 Hour Potential Test well flowed through 28/64" choke 192 BO and No water, ending 5:00 P. M. May 22, 1964.

GOR - 1844

GRAVITY - 38.2

Top of Pay - 9872'

Btm of Pay - 9953'

NMOCC Date - May 10, 1964

TEXACO Inc. Date - May 22, 1964.

Vacuum Abo North Zone: Perforate 2 7/8" O. D. Casing with one jet shot at 9056', 9066', 9085', 9103', 9119', 9138', 9149', 9159', 9168', 9187', 9192', and 9199'. Acidize with 500 gals acetic acid. Re-acidize with 1000 gals LSTNE. Swab well. Re-acidize with 4000 gals LSTNE in 7 stages with ball sealers between stages.

On 24 Hour Potential Test ending 6:00 A. M. May 29, 1964 well Swabbed 71 BO and 2 BW.

GOR - 925

GRAVITY - 39.5

Top of Pay - 9056'

Btm of Pay - 9199'

NMOCC Date - May 10, 1964.

TEXACO Inc. Date - May 29, 1964.