

Spudded 12-1/4" hole 9:30 P.M. February 21, 1961. Ran 1214' of 20" O. D. casing and cemented at 1239' with 2400 sx Incor, 4% gel and 200 sx Regular. Cement circulated. Plug at 1213'. Tested before and after drilling plug for 30 minutes with 600 psi. Tested O.K. Job complete 3:30 PM March 10, 1961.

Ran 3075' of 13-3/8" O.D. casing and cemented at 3100' with 2000 sx Incor, 4% gel with 30 lbs salt per sx and 1% calcium chloride. Plug 3054'. Cement circulated. Tested before and after drilling plug for 30 minutes with 1000 psi. Tested O.K. Job complete 5:00 A.M. March 17, 1961.

DST No. 1, 5404' to 5581', tool open 1 hr with fair blow, decreasing to weak blow, recovered 1230' DM & 1800' SW. 30 MISIP-2310, IF-880, FF-1580, 30 MFSIP-2310, HI & HO-2665, Complete 8:30 P.M. April 6, 1961.

DST No. 2, 6965' to 7085', tool open 1 hr with weak blow, recovered 430' DM. HI & HO-3405, 30 MISIP-1570, 30 MFSIP-260, IF-150, FF-175. Complete 1:00 P.M. April 14, 1961.

Ran 10,565' of 9-5/8" O.D. casing and cemented at 10,585' with 1400 sx Regular. Plug at 10,520'. Cement did not circulate. Tested before and after drilling plug for 30 minutes with 1000 psi. Tested O.K. Complete 5:30 P.M. May 20, 1961.

DST No. 3, 13,360' to 13,387', tool open 1/2 hr with good blow. GTS in 7 minutes, water blanket to surface in 10 minutes, gas rate 3,000 MCFPD, 5 MIFP-1440, ISIP-6520, FSIP-none, IF-1680, FF-1790, HI-9900, HO-10,040. Complete 2:15 P.M. July 6, 1961.

DST No. 4, 13,496' to 13,628', tool open 1 hr & 56 minutes with good blow, 2000' water blanket to surface in 12 minutes, gas rate 3,000 MCFPD & 6.9 bbls distl, recovered 30' distl & SW. ISIP-5915, IF-3085, FF-3335, FSIP-5735, HI-10,090, HO-9980, Complete 4:00 P.M. July 12, 1961.

DST No. 5, 13,631' to 13,753', packer failed.

DST No. 6, 13,621' to 13,753', packer failed.

Ran 10,960' of 7" O.D. casing and cemented at 10,980' with 150 sx Regular. Plug at 10,940'. Tested before and after drilling plug for 30 minutes with 1600 psi. Tested O.K. Job complete 6:30 P.M. July 29, 1961.

Ran 3499' of 5" O.D. Liner (Hung in 7" O.D. Liner at 10,275') cemented top of Liner with 200 sx retarded cement. Cemented bottom of Liner with 500 sx Retarded Cement. Tested top and bottom of Liner after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 4:00 A.M. August 3, 1961.

ATOKA ZONE:

Perforate 5" Liner with 2 jet shots per ft 12,690' to 12,700'.

MORROW ZONE:

Perforate 5" Liner with 2 jet shots per ft 13,288' to 13,302', 13,318' to 13,324', 13,378' to 13,425', 13,515' to 13,522', 13,536' to 13,558' and 13,568' to 13,602'. Acidize with 250 Gals Citric Acid.

Acidize Atoka Zone perforations 12,690' to 12,700' with 500 Gals NEC acid. Swab well dry. Re-acidize with 3,000 Gals NEC Acid. Swab well. Re-acidize with 1000 Gals NEC acid. Swab dry. Install High pressure gas line, and test the Morrow Zone. Atoka Zone dry, No Test.

MORROW ZONE TEST:

On 96 Hour 4 Point Back Pressure Test ending 2:00 P. M. September 23, 1961, well flowed thru various size chokes (24 Hr absolute open flow Potential, 8400 MCFPD) 208 BBLs Condensate and 11 BW.

GOR - 43,580

Gravity - 52.9

Top of Pay - 13,288'

Btm of Pay - 13,602'

NMOCC Date - July 18, 1961

TEXACO Inc. Date - September 23, 1961