

STATE OF NEW MEXICO "AE" WELL NO. 10

Spudded 15" hole 5:00 P.M. July 19, 1963.

Ran 312' of 11-3/4" OD casing (23.72 lb-New) and set at 322'. Cement with 550 sacks of regular neat. Job complete 11:30 A.M. July 21, 1963. Tested 11-3/4" OD casing before and after drilling plug with 600 psi. Tested O.K. Job complete 1:00 P.M. July 22, 1963.

Ran 3185' of 8-5/8" OD (24.0 lb-New) and set at 3199'. Plug at 3167'. Cemented with 1500 sacks of Class "C" 8% gel plus 150 sacks of Class "C" Neat. Job complete 10:05 A.M. July 26, 1963. Tested 8-5/8" OD casing for 30 minutes before and after drilling plug with 1500 psi. Tested O.K. Job complete 12:00 noon July 26, 1963.

Ran 8977' of 2-7/8" OD casing (6.40 lb-J-55) and set at 8987'. Cement with 1300 sacks of Class "C" 8% gel plus 300 sacks of Class "C" 4% gel. Plug at 8953'. Pump plug down with 300 gallons of acetic acid. Ran temperature survey. Top of cement 2190'. Job complete 1:00 P.M. September 6, 1963. Tested 2-7/8" OD casing with 1000 psi for 30 minutes before and after drilling plug. Job complete 1:00 P.M. September 7, 1963.

Core No. 1 - From 8158' - 8218'. Received 75' of dense dolomite, w/NS.  
Core No. 2 - From 8233' - 8299'. Received 66' of 100% dense dolomite, w/NS.  
Core No. 3 - From 8299' - 8312'. Cut 13', barrel jammed. Received 12' of (89%) tan dolomite, w/NS.  
Core No. 4 - From 8312' - 8325'. Cut and received 13' of (100%) tan dolomite w/NS.  
Core No. 5 - From 8325' - 8382'. Received 57' of dolomite w/SO&G.  
Core No. 6 - From 8382' - 8388'. Received frac'd dolomite, bleed O&G.  
Core No. 7 - From 8388' - 8441'. Received 53' of frac'd dolomite, bleeding O&G.  
Core No. 8 - From 8441' - 8516'. Received 75' of dense dolomite with slight O&G blow.  
Core No. 9 - From 8516' - 8594'. Cut and received 78' of (100%) dolomite with shale streaks from 8562-90'. SO&G bleed.  
Core No. 10 - From 8594' - 8672'. Received 78' of dolomite.  
Core No. 11 - From 8672' - 8750'. Cut and received 78' of 100% dolomite with slight oil and gas bleed thru out.  
Core No. 12 - From 8750' - 8819'. Cut and receive 69' of 100% with slight oil and gas bleed.  
Core No. 13 - From 8819' - 8866'. Cut and receive 47' of 100% with no show.  
Core No. 14 - From 8866' - 8938'. Cut and receive 72' of dense dolomite w/NS.

Ran Gamma Ray Acoustic Log September 4, 1963.

Ran 8977' of 2-7/8" OD casing and set at 8987'. Perforate 2-7/8" OD casing with 2 jet shots per interval from 8646-48', 8658-60', 8674-76', 8684-86', 8714-16', 8738-40', 8754-56', 8768-70', 8790-92', 8798-8800', 8814-16'. Acidize perforations from 8646-8816' with 11,000 gallons of regular acid in 11-1000 gallon stages with 2 ball sealers between stages. On 24 hr. potential test ending 4:00 P.M. September 12, 1963, well flowed 264 BO and no water through 18/64" choke.

Gravity - 37.2

GOR - 980

Top of Pay - 8646'

Bottom of Pay - 8816'

NMOCC Date - 9-5-63

TEXACO Inc. Date - 9-12-63