

STATE OF NEW MEXICO "BZ" (NCT-10) WELL NO. 3

Spudded 15" hole 4:15 P.M. July 11, 1963.

Ran 235' of 11-3/4" OD casing and set at 249'. Cemented with 350 sacks of regular Neat. Plug at 220'. Job complete 9:00 A.M. July 12, 1963. Tested 11-3/4" OD casing for 30 minutes before and after drilling plug with 600 psi. Tested O.K.

Ran 3488' of 8-5/8" OD casing and set at 3500'. Cement 1st stage with 150 sacks of Class C with 4% gel plus 5% salt and 25 lbs of Gelsonite per sack. Plug at 3468'. Job complete 2:00 P.M. July 24, 1963. Circulate 6 hrs between stages. Second stage cemented with 700 sacks of Trinity Lite Weight. Job complete 9:15 P.M. July 24, 1963. Tested 8-5/8" OD casing for 30 minutes before and after drilling plug with 600 psi. Tested O.K.

String No. 1 - Ran 6226' of 2-7/8" OD casing and set at 6243'. RA Collar 5605'.

String No. 2 - Ran 6234' of 2-7/8" OD casing and set at 6244'. Cemented both strings with 400 sacks of Class C 4% Gel with friction reducing agent, followed with 500 sacks of Class C 4% Gel. Plug (Drinkard) at 6211'. Plug (Blinebry) 6203'. Job complete 11:45 A.M. August 8, 1963. Ran temperature survey in Drinkard string. Top of cement 2600'. Tested 2-7/8" OD casing (Strings 1 & 2) with 1500 psi for 30 minutes. Tested O.K.

String No. 2 - (Drinkard Zone) Ran 6234' of 2-7/8" OD casing and set at 6244'. Plug at 6211'. Perforate 2-7/8" OD casing with 1 jet shot per interval at 5087', 6103', 6115', 6124', 6138', 6174', 6187'. Acidize with 500 gallons of acetic acid and 3500 gallons of LSTNE in 7-500 gallon stages with 1 ball sealer between stages followed with 10,000 gallons of gel-lease crude with 1 lb of sand per gallon. On 24 hr potential test ending 12:00 noon August 17, 1963 well flowed 124 BO and no water through a 18/64" choke.

Gravity - 36.7

GOR - 1134

Top of Pay - 6087'

Bottom of Pay - 6187'

TEXACO Inc. Date - August 17, 1963

NMOCC Date - August 6, 1963

String No. 1 - (Blinebry Zone) Ran 6226' of 2-7/8" OD casing and set at 6243'. Perforate 2-7/8" OD casing with 1 jet shot per interval at 5644', 5666', 5678', 5691'. Acidize perforations with 500 gallons acetic acid followed by 3500 gallons in 7-500 gallon stages. On 24 hr potential test ending 8:00 P.M. August 17, 1963 well flowed 205 BO and no water through 22/64" choke.

Gravity - 37.5

GOR - 887

Top of Pay - 5644'

Bottom of Pay - 5691'

TEXACO Inc. Date - August 17, 1963

NMOCC Date - August 6, 1963