

Spudded 15" hole 8:00 P.M. August 22, 1963.

Ran 242' of 11-3/4" O.D. casing (42.0 lb. - New) and set at 255'. Cement with 350 sacks of trinity cement. Plug at 205'. Cement circulated. Job Complete 4:00 A.M. August 23, 1963. Tested 11-3/4" O.D. casing for 30 minutes with 600 psi before and after drilling plug. Tested OK. Job complete 6:00 A.M. August 24, 1963.

Ran 3489' of 8-5/8" O.D. casing (24.0 lb. - New) and set at 3500' with D.V. tool set at 3171'. Cement 1st stage with 150 sacks of Class "C" 4% Gel with 5% salt plus 25 lbs. of Silsonite. Plug at 3466'. Complete 8:00 P.M. 8-31-63. Circulated 5 hrs. Cemented 2nd stage with 700 sacks of Trinity lite wate. Job complete 9:45 A.M. September 1, 1963. Tested 8-5/8" O.D. casing for 30 minutes with 1000 psi before and after drilling plug. Tested OK. Job complete 8:45 A.M. September 2, 1963.

Ran Gamma Ray Sonic logs September 9, 1963.

String #1 (Drinkard) zone: Ran 6230' of 2-7/8" O.D. casing (6.4 - J-55) and set at 6240'. Plug at 6200'. RA collar and 6' sub at 6604'. String #2 (Blinbry) zone: Ran 6228' of 2-7/8" O.D. casing (6.4 - J-55) and set at 6238'. Plug at 6206'. 2' sub at 6040'. Cement both strings with 350 sacks of Class "C" 4% Gel with friction reducing agent in the first 400 sacks. Pump plugs down with 500 gallons of acetic acid in each string. Job complete 4:45 A.M. September 11, 1963. Tested 2-7/8" O.D. casing for 30 minutes with 3000 psi before and after drilling plug. Tested OK. Job complete 4:00 A.M. September 12, 1963.

String #1 (Drinkard) zone: Ran 6230' of 2-7/8" O.D. casing set at 6240'. Perforate with one jet shot per interval at 6105', 6112', 6129', 6135', 6144', 6151'. Acidize from 6105'-51' with 3,000 gallons of LSTNE in 6 - 500 gallon stages with 1 ball sealer between stages. Fracture with 10,000 gallons of gel lease crude with 1 pound of sand per gallon. Ran 1-5/8" drill pipe and mill. Washed out frac sand from 6140-6200'. Drilled rubber plug and 17' of cement to 6295'. Pulled drill pipe and bit. Plug back T.D. 6225'. Perforate 2-7/8" casing 6176', 6190', 6205', 6212', with 1 jet shot per interval. Acidize perforations with 1200 gallons of LSTNE in 4 - 300 gallon stages using 6 ball sealers in upper perforations and one ball sealer between stages. Reperforate with 1 jet shot per interval at 6002', 6008', 6012', 6013', 6030', 6031', 6055', 6056', 6082', 6083'. Set cast iron bridge plug at 6093'. Acidize perforations from 6002'-6053' with 3500 gallons of 15% LSTNE. On 24 hr. potential test ending 5:00 P.M. 10-19-63 well flowed 336 BO & 0 water through a 24/64" choke.

Gravity 36.7

GOR 723

Top of Pay 6002

Bottom of Pay 6083

NMCCC Date 9-9-63

TEXACO Inc. Date 10-19-63

String #2 (Blinbry) zone: Ran 6228' of 2-7/8" O.D. casing and set at 6238'. Perforate with one jet shot per interval at 5640', 5643', 5646', 5652', 5669', 5672'. Acidize perforations 5640', 5643', 5646', 5652', 5669', 5672', with 3000 gallons of LSTNEA in 6 - 500 gallon stages using 1 ball sealer between stages. Frac perforations from 5640-43', 5646-52', 5669-72', with 10,000 gallons of gelled lease crude with 1 pound of sand per gallon. Ran and set retrievable cement retainer at 5410'. Squeeze perforations from 5640-5672' in 2 stages. First stage with 25 sacks of regular neat with 0.5% low water loss additive plus 25 sacks of regular neat. WOC 7 hrs. Cemented second stage with 100 sacks of regular neat at 3000 lbs. Rev out 25 sacks. Drilled out cement from 5-10'-5660' and spot 500 gallons acetic acid on bottom. Acidize and frac perforations at 5640, 5643, 5646, 5652' with 500 gallons of mud acid plus 5,000 gallons gelled lease crude with 3100 lbs. Reperforate with 1 jet shot per interval at 5417, 5418, 5475, 5475, 5529, 5530, 5562, 5563, 5595'. Set cast iron bridge plug at 5620'. Acidize perforations from 5417-5595' with 2500 gallons of 15% LSTNE with 10 ball sealers. On 24 hour potential test ending 7:00 A.M. 10-22-63 well swabbed 37 BO & 140 LB.

Gravity 37.2

GOR 496

Top of Pay 5417

Bottom of Pay 5595

NMCCC Date 9-10-63

TEXACO Inc. Date 10-22-63