

N. M. State BR #1, Unit P; Sec. 32; T-15-S; R-32-E; Lea County, New Mexico
Humble Oil & Refining Company
P. O. Box 2347
Hobbs, New Mexico

Ran 9742' (313 jts) 2-3/8" tbg set at 9753'. Perforated 5-1/2" csg from 9880-9888, 9902-9908 and 9930-9936 w/2 shots per ft. Swabbed and recovered 25 bbls wtr. Acidized perforations 9880-9888, 9902-9908 and 9930-9936 w/6000 gals LSTNE acid at 3.1 BPM. Swabbed 156 bbls wtr and 42 bbls oil. Tracer survey found perforations 9902-9908 only set open. Squeezed perforations 9880-9888, 9902-9908 and 9930-9936 w/1000 gals cement. Perforated 5-1/2" csg 9969-9978 w 2 shots per ft. Set packer at 9951. Swabbed 32 bbls wtr. Acidized perforations 9969-9978 w/1000 gals LSTNE acid. Reset packer at 9860. Had communication between perforations. Swabbed 118 bbls wtr. Original squeeze job on perforations 9880-9888, 9902-9908 and 9930-9936 was unsuccessful. Set F. H. Cementer at 9820. Squeezed perforations 9880-9888, 9902-9908, 9930-9936 and 9969-9978 w/1000 gals cement. F. H. Cementer failed. Pumped out 545 gals of cement. Found top cement at 9870. Drilled and cleaned out 9870' to 9964'. Made up packer and hydro-test 313 jts. 2-3/8" tbg. Set packer at 9760. Pressure tested squeeze job - 5.00% head loss. Perforated 5-1/2" csg from 9930 to 9936 w/4 shots per ft. Acidized perforations 9930-9936 w/3000 gals LSTNE acid at .6 BPM. Swabbed 594 bbls of wtr and 64 bbls oil. Set Baker full bore cementer at 9803'. Squeezed perforations 9880-9888, 9902-9908 and 9930-9936 w/1000 gallons cement. Drilled and cleaned out from 9800' to 9894'. Perforated 5-1/2" csg from 9880 to 9888 w/4 shots per ft. Acidized perforations 9880-9888 w/3000 gals acid at 1.0 BPM. Swabbed 419 bbls of wtr and 67 bbls of oil. Acidized perforations 9880-9888 w/5000 gals LSTNE acid at 5 BPM. Swabbed 43 bbls of wtr and 47 bbls of oil. Set Baker full bore cementer at 9858'. Squeezed perforations 9880-9888 w/1000 gals of cement. Reversed out 715 bbls of cement. Perforated 5-1/2" csg from 9814 to 9817 with 4 Abrasi-jet holes, used nitrogen and sand to perforate holes. Acidized perforations 9814-9818 w/3000 gals of LSTNE acid at .3 BPM. Swabbed 440 bbls of wtr and 29 bbls of oil.

PLUGGING WELL AS FOLLOWS:

Loaded hole w/205 bbls of wtr, failed to fill casing. Set plug of 16 sxs cmt from 9818 to 9700. Pulled tbg. Loaded hole with mud laden fluid. Shot 5-1/2" csg at 7000' and 6925'. Recovered 83% of 5-1/2" csg. Ran tbg in hole and set cmt plug of 20 sxs from 6775 to 6375, 20 sxs from 6730 to 6630 and 20 sxs from 5600 to 5530. Filled top up to 4140 and installed Xmas tree.

This well was left open to 5630' and sold to Union Oil Co. for Conversion to Salt Water Disposal well for Anderson Ranch.