

HUMBLE OIL & REFINING COMPANY
New Mexico State "BZ" #1

JUL 26 9 16 AM '65

Spotted 500 gallons 15% Inhibited acid from 2690 to 2890'. Perforated 8-5/8" casing at 2860, 2862, 2864, 2866, 2868, 2872' with one radio active jet shot per depth, selective fire. Acidized the above perforations with the above 500 gallons of acid with an average injection rate of .116 BPM. Maximum pressure 500#. Minimum pressure 350#. Job by RUNCO. Swabbed. Unseated packer and reset at 2803'. Tail pipe at 2865'. Swabbed well dry. Acidized perforations 2860, 2862, 2864, 2866, 2868, 2872 with 2000 gallons 15% Inhibited Acid with an average injection rate of 2 BPM. Maximum pressure 1500#. Minimum pressure 150#. Job by RUNCO. Swabbed. Unseated packer. Circulated hole with water. Reset packer at 2773'. Swabbed well dry. Sand fraced perforations 2860, 2862, 2864, 2866, 2868, 2872 with 6000 gallons refined oil and 7600# 20-40 sand with an average injection rate of 3.5 BPM. Maximum pressure 3000#. Minimum pressure 2900#. Job by Halliburton. Swabbed. Recovering some load oil. Unseated packer and pulled out of hole. Ran Halliburton squeeze packer and set at 2849'. Squeezed perforations 2860, 2862, 2864, 2866, 2868 and 2872' with 75 sacks regular neat. Spotted 500 gallons 15% Inhibited acid on bottom. Perforated 8-5/8" casing at 2751, 2756, 2761, 2778, 2782, 2789 and 2794' with one radio active jet shot per depth, selective fire. Acidized perforations 2751-94' with the 500 gallons 15% Inhibited Acid with an average injection rate of 3 BPM. Maximum pressure 1100#. Minimum pressure 500#. Job by RUNCO. Set packer at 2733'. Swabbed. Recovered some more load oil. Acidized perforations 2751-94' with 2000 gallons 15% regular acid with an average injection rate of 2 BPM. Maximum pressure 1900#. Minimum pressure 1400#. Job by RUNCO. Swabbed. Sand fraced perforations 2751-94 with 10,000 gallons refined oil and 14,000# 20-40 sand with an average injection rate of 7.8 BPM. Maximum pressure 5400#. Minimum pressure 5000#. Job by Halliburton. Swabbed. Recovering load oil. Took BHP Test. Pulled packer. Set cement plugs from 2849 to 2739', from 1400 to 1340' and from 25 to surface. Well plugged and abandoned on 7-10-65. Installed dry hole marker per N.M.O.C.C. requirement. Mud laden fluid between plugs.