

Squeeze cemented, drilled deeper and acidized as follows:

Ran 2-7/8" tubing and set cement retainer at 8994'. Cemented 7" casing perforations 9050-9150' through 2-7/8" tubing with 100 sacks regular neat cement, pressure 3500#. Waited on cement 48 hours. Tested 7" casing with 1500# for 30 minutes. No drop in pressure. Ran 2-7/8" tubing with bit and drilled cement and retainer 8987-9208' total depth. Drilled open hole 9208-9250'. Pulled out of hole and re-ran 2-7/8" tubing set at 9240, packer at 9178'. Treated open hole formation 9208-9250' through 2-7/8" tubing with 2,000 gallons 15% acid. Flushed with 52 barrels formation water. Job completed 1 PM 6-14-58. Well standing 14 days.

Pulled 2-7/8" tubing and re-ran with Lynes Packer with double element at 9217-9289'. Treated open hole formation 9229-9250' with 2,000 gallons 15% acid; flushed with 52 barrels formation water. Complete 10:30 AM 7-3-58. Swabbed well dry; standing 45 days.

Acidized open hole formation 9229-9250' through 2-7/8" tubing with 5,000 gallons 15% acid; flushed with 53 barrels oil. Casing 4500# and packer failed. Left 7' of 2-7/8" tail pipe and 2 packer elements in open hole 9234-9250' total depth. Ran 2-7/8" tubing with 2 joints 2-3/8" tubing on bottom, set at 9025'. Brown 7" production packer set at 8948'. Ran 2-1/2" x 1-1/4" Kobe pump. Well pumping 8-26-57 through November 21, 1957. Standing to March 1, 1958.

Pulled 2-7/8" tubing and re-ran with 5 joints 2-3/8" tubing on bottom, set at 9025'. Tubing perforations 8993-8989', Brown packer at 8948', 4" x 2" x 14' Kobe Pump at 8929-8943'. Hooked up Triplex Power Pump and pumped well on test; returned to production.

