

STANDARD STATE #1

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- 7/18/77 Went in hole w/bit, found cement top @ 4890, drilled out 100' of cement. POH. Rigged up Western Wireline and perforated 4892-4912. Went in hole w/RTTS set at 4800'.
- 7/19/77 Swabbed well down to 4700'. Shut down $\frac{1}{2}$ hour and 1000' fluid entered well. Treated well w/1000 gal of acid. Pump in @ $1\frac{1}{2}$ bbl/min til acid hit formation, then well went on a vacuum. Swabbed well down to 2500'. After swabbing back acid, started getting formation water.
- 7/20/77 Swabbed well til 9:30 a.m. formation water. POH Rigged up Dresser Atlas and perforated 6 holes @ 4940-45'. Set retainer on wireline @ 4930. Rigged up Halliburton and pumped through retainer w/blow on annulus. Pumped 200 sx of Class H w/5% CFR-2, 1% Halid-3, 2% CaCl_2 , tailed in w/100 sx Class C, holding 2000# on annulus. Reversed out 70 sx of cement. POH.
- 7/21/77 Went in hole w/RTTS and set @ 4800'. Swabbed well dry. Pulled pkr free and went down and tagged cement @ 4925. Reset pkr and started to swab. Spotted 1000 gal acid, which would not go away. POH.
- 7/22/77 Perforated well 4895-4905. Went in w/RTTS and set it @ 3800'. Fluid 1800', put acid away at 1.5 bbl/min, 500#. Well went on a vacuum after pumping. Swabbed fluid level down to 3200' before swabbing formation water.
- 7/23/77 Fluid level @ 2500'. Swabbed down to 3000'. Black formation water, shut down at noon.
- 7/25/77 POH w/packer. Went in w/cement retainer setting it @ 4860'. Circulated hole, stung into retainer and established an injection rate of $2\frac{3}{4}$ bbl/min @ 1500#. Sqzd well w/4000 gals HOUCC Injectrol and 100 sx Class H w/1% Halid-3 and tailed in w/50 sx Class C. Reversed out 65 sx, sqzd up to 2000#. POH w/tubing, picked up bit and collars and went back in.
- 7/26/77 Tubing stuck, rigged up RY-CO and ran a free point and backed off, w/3 collars and bit in hole. POH, picked up wash pipe and collars and went over the fish down to 8' above bit. Washed down 2'.
- 7/27/77 Washed down remaining 6' to bit. POH w/wash pipe. Picked up overshot and jars. Latched on fish and started to jar. Jared $4\frac{1}{2}$ hours til jars failed. POH.