

- 8-20-77 thru 8-25-77 Used bridge plug and packer to isolate and swab each stage after treatment with acid. Each stage swabed formation water after recovering load water.
- 8-26-77 Set cement retainer @ 11,550' and squeezed Morrow perforations with 150 Sks of Class "H" Cement w/ .2 of 1% Halod 9.  
Perforate Strawn zone @ 10,555' to 10,565' w/ 2HPF (20 holes).  
Acidize perforation 10,555'-10,565' w/ 500 gals. 15% N.E. Acid.  
Treat @ 1100 PSI @  $\frac{1}{2}$  BPM.
- 8-26-77 thru 8-29-77 Test Strawn perfs. 10,555'-10,565'. Well flows and estimated 10 barrels salt water per hour with a trace of gas (TSTM).
- 8-3-77 Set cement retainer @ 10,521' and squeeze Strawn perfs. 10,555'-10,565' with 150 Sks. of Class "H" Cement w/ .2 of 1% Halod 9. Plug back T.D. = 10,490'. After squeeze left 31' of cement on top of retainer.
- 8-31-77 Set Otis Permalatch packer @ 9621' with 8000# compression, perforate Wolfcamp 1 H.P.F. @ 9699; 9707; 9709; 9711; 9717; 9720; 9724; 9726; 9730; 9732; 9734; 9736; 9743; 9748; 9766; 9773; 9775. (17 holes)
- 9-1-77. Treated perfs. 9699' to 9775' with 1500 gals. 15% Ne Acid and 25 ball sealers. After recovery of load acid will flows on  $\frac{1}{4}$ " choke @ 300 PSI = 442 MCFPD. Est.
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- 9-2-77 24 hr. S.I. T.P.=4177 PSI. B.H.P. @ 9735' = 5765 PSI, BHT = 160°
- 9-8-77 Treated perfs. 9699; to 9775 with 10,000 gals. 15% CRA acid followed with 10,000 gals. 2% KCL water. Treated @ 6300 PSI @ 14 B.P.M.  
Flow well to clean up.
- 9-9-77 Test well 9 hrs. on  $\frac{1}{2}$ " choke, flowing tubing pressure = 150 PSI.  
Rate = 1.05 MCFPD. Condensate = 31 Barrels per MMCF.