

C-103 Attachment

12-04-83 TD 11,997 Logger TD.
 12-08-83 Ran CBL from 11,970' PBTD to 9600'. Cement top at 9874'.
 12-12-83 Perf Lower Morrow 11,922' - 924' (9 holes), 11,926' - 933' (29 holes) & 11,944' - 951' (29 holes). Recovered water with gas show.
 12-23-83 Set CIBP @ 11,890' w/1 sack cement. PBTD 11,875'.
 12-26-83 Perf fr 11,801' - 810' (37 holes), had small blow of gas.
 12-30-84 Frac with X-linked KCL water & Westprop II.
 1-03-84 Acidize with 36 barrels 15% HCL & 1000 cf/bbl N₂.
 1-10-84 Test zone for 100 MCFGPD.
 1-16-84 Perf fr 11,676' - 680' (17 holes). Recovered 98 bbls water & 42 MCFGPD.
 1-20-84 Set cement retainer at 11,670'. Pressure test to 3500 psi, OK.
 1-21-84 Perf 11,654' - 660' (25 holes) had gas blow TSTM then water broke thru.
 1-23-84 Set CIBP @ 11,650'. Pressure test to 4000 psi, OK.
 Dump 1 sx cement on top.
 1-25-84 Perf fr 11,543' - 544', 11,553' - 559', 11,561' - 571', 11,587' - 588' & 11,615' - 624'. 27' net pay & 92 holes. Had slight blow of gas TSTM. Acid treated perfs in 2 stages w/7½% MS acid & CO₂. Recovered acid water load & very little gas.
 2-03-84 Set CIBP @ 11,500'. Pressure test to 3500 psi, OK.
 Perf fr 11,441' - 11,449' (33 holes), had very little gas flow.
 2-08-84 Contacted Mr. Clements w/NMOCC to abandon Morrow.
 2-9-84, Set CIBP @ 11,380'. Pressure test, OK. Dump 35 feet cement on CIBP. *PBTD 11,345'*
 2-10-84 Perf Strawn Limestone from 10,510' - 532' with 80 holes Vann Gun System. Had clean up rate of 3.056 MMCF @ 4050 psi. SI well for pressure build up.

1/2 down 2 1/2 miles