

## Drill Stem Tests

### DST #1

6364'-6440' (76') - Open tool 9:30 AM, 5-1-80, from 5 minute IF on 1/8" choke with weak blow throughout IF, 60 minute ISI. Open from FF on 1/8" choke with weak blow throughout FF, 180 minute FSI. Pull loose, pull out of hole, recovered 100' drilling mud. Sampler 1800cc drilling mud 0#. IHYD 3349, IFP 28-56, ISIP 1926, FFP 56-85, FSIP 1926, FHYD 3349. Start drilling 7-7/8" hole 10 PM, 5-1-80.

### DST #2

6448'-6530' (82') - Open tool 6:30 AM, 5-4-80, on 1/8" choke with weak blow increase to fair blow, 60 minute ISI. Open from 60 minute FF on 1/8" choke with weak blow increase to 2# & stable, 130 minute FSI. Pull loose, recovered 150' gas cut drilling mud, 1790' gas cut water and oil chl 135,000. Sampler 80#, 1875cc 10% oil and 90% water. IHYD 3478, IFP 113-284, ISIP 1922, FFP 312-1160, FSIP 1922, FHYD 3478, Temp 128° F. Start drilling 8-3/4" hole 12:30 AM, 5-4-80.

### DST #3

6547'-6640' (93') - Open tool 5:45 AM, 5-4-80, from 5 minute IF on 1/8" choke with weak blow throughout IF, 60 minute ISI. Drilling break 6547'-6557' and 6632'-6636'. Open from 60 minute FF on 1/8" choke with weak blow increase to fair blow, 180 min FSI. Pull loose, reverse out 2400' fluid, 200' drilling mud, 500' mud cut formation water, 1700' formation water. Sampler 30#, 1900cc water chl 133,000. IHYD 3578, IFP 122-284, ISIP 1999, FFP 324-1194, FSIP 1995, FHYD 3578, Temp 124° F. Start drilling 8-3/4" hole 12:30 AM, 5-6-80.

### DST #4

6655'-6730' (75') - Open tool 9:30 AM, 5-10-80, from 5 minute IF on 1/8" choke with weak blow, 60 min ISI. Open from 60 minute FF on 1/8" choke with no blow, 120 minute FSI. Recovered 10' drilling mud. Sampler 0#, gas 0 fluid. IHYD 3605, IFP 34-48, ISIP 1263, FFP 19, FSIP 1361, FHP 36.

### DST #5

6485'-6511' (26') - Open tool 4:45 AM, 5-11-80, on 1/8" choke from 5 minute IF with weak blow, 60 min ISI. Open tool from 60 minute FF on 1/8" choke with weak blow increase to good blow & stable, 120 minute FSI. Recovered 465' drilling mud, 985' water with trace of oil. Sampler 50#, 2200cc water. Temp 112° F, IHYD 3548, IFP 54-148, ISIP 1926, FFP 188-718, FSIP 1965, FHYD 3577.

### DST #6

6400'-6435' (35') - Open tool 4:15 PM, 5-11-80, from 5 minute IF on 1/8" choke with weak blow throughout, 60 minute ISI. Open from 60 minute FF with weak blow throughout FF, 120 min FSI. Recovered 300' water with trace of oil cut mud with 896' water. Sampler 30#, 350cc water. IHYD 3578, IFP 51-114, ISIP 1958, FFP 156-619, FSIP 1916, FHYD 3578, Temp 112° F. Now TIH, 8-3/4" hole.

### DST #7

6440'-6480' (40') - Open tool 4:00 AM, 5-12-80, from 15 min IF on 1/8" choke with weak blow increase to good blow, 120 minute ISI. Open from 45 minute FF on 1/8" choke with fair blow throughout FF, 180 minute FSI. Recovered 372' drilling fluid, 665' formation water. Sampler 40#, .060 CFG, 2100cc water. Temp 120° F, IHYD 3520, IFP 14-256, ISIP 1870, FFP 256-525, FSIP 1870, FHYD 3520.