

1962 JUN 20 PM 2 47

C: No. 1 4105-4162' Recovered 56'.
 4105-40' Dense anhydrite dolomite, green shale partings.
 4140-44' Dense dolomite, pin point porosity, bleeding oil and gas.
 4144-48' Dense anhydrite barren dolomite.
 4148-53' fractured dolomite w/slight to fair bleeding oil and gas.
 4153-4157' Dense anhydrite barren dolomite.
 4157-61' highly fractured lite gray dolomite, bleeding oil & gas from fractures.

C: No. 2 4162-4219' Recovered 57'
 4162-66' Dense fractured dolomite, slight bleeding
 4166-77' Sandy dolomite
 4177-87' Sandy dolo, bleeding oil & gas.
 4187-88' Dolomite, dense
 4188-94' Sandy dolomite, bleeding
 4194-96' Dense dolomite
 4196-98' Sandy dolomite, good bleeding
 4198-4202' Dense dolomite.
 4202-09' Sandy dolomite, bleeding
 4209-4219' Vuggy and pin point dolomite, fair bleeding.

C: #3 4219-60 Recovered 33'
 4219-22' Vuggy dolomite.
 4222-23' Dense dolomite
 4223-41' Vuggy dolomite w/some porosity.
 4241-44' Dense dolomite.
 4244-51' Fair porosity, bleeding oil & gas.

DST No. 1 5480-5544' Tool open 2'. Recovered 550' sulphur water. FP 33-258#, 30" FSIP 1750#.

DST No. 2 6849-6933'. Tool open 2'. Recovered 690' gas in drill pipe plus 100' oil & gas cut drilling mud. FP 60-60#. 20" FSIP 115#.

DST No. 3 6949-7060'. Tool open 2'. Recovered 720' gas in drill pipe plus 480' oil and gas cut drilling mud, w/trace of free oil. FP 139-217#, 30" FSIP 1541#.

DST No. 4 7408-7504'. Tool open 3'. G/50" TSTM. Rec. 90' slight oil and gas cut drilling mud plus 260' heavy oil and gas cut drilling mud plus 530' mud cut oil. FP 311-377#. 30" FSIP 1634#.

DST No. 5 7790-7842'. Tool open 1-1/2'. Recovered 270' gas in drill pipe, 20' oil and gas cut drilling mud. FP 46-46#. 30" SIP 126#.

Perf. 7578-82', 7597-7606', 7862-66', & 7872-78' w/2 holes per ft. Set bridge plug at 7924' and packer at 7829'. Testing perfs 7862-7878'. Swbd 35 bbls load water in 5'. Then swbd 45 bbls salt water w/sulphur odor in 7'. Re-set bridge plug at 7645' and packer at 7540'. Testing perfs 7578-7606'. Acidized w/250 gals. mud acid and 1500 gals MX-138. Swbd 5 bbls load water plus 16 bbls. acid water and 3 bbls new oil in 9'. Last hr. swbd 1/4 bbl fluid, 30% oil, short 26 bbls. acid water.

Set C. I. bridge plug at 7690'. Perf. 7440-43', 7472-84', 7488-92', and 7500-22' w/2 holes per ft. Set bridge plug at 7552', packer at 7389'. Acidized w/250 gals mud acid & 2500 gals. reg. Swbd 31 bbls load wtr / 55 bbls acid wtr / 18 bbls new oil in 28 hrs. Last hr swbd 1-1/2 bbls. fluid. S. O. 25% oil w/weak show of gas. Re-acidized w/1000 gals mud acid and 10,000 gals. reg. Swbd. 155 bbls acid wtr and 39 bbls new oil in 25'. Last hr. swbd 5-1/2 bbls fluid. S. O. 20% oil. Then swbd. 20 bbls new oil, 19 bbls acid wtr, and 61 bbls salt wtr in 24'. Last hr. swbd. 2.7 bbls fluid. 20% oil.

Perf 6940-68' w/4 jet shots per ft. Set bridge plug at 7034', pkr @ 6848'. Acidized w/500 gals. BDA. Swbd 4 bbls acid water in 6'. Swbd dry. Short 12 bbls acid wtr. 8d-water fraced w/1000 gals reg acid / 10,000 gals frac wtr / 9000# ad. Swbd 228 bbls frac wtr in 71' hrs. w/slight show of oil & very faint show of gas. Last hr swbd. 8 bbls per hr. Short 111 bbls load wtr.

Perf 7035-55' w/4 holes per ft. Set BP @ 7091'. Pkr @ 7000'. Acidized w/250 gals. MA. Swbd 2 bbls acid wtr and 6 bbls formation water in 6'. Re-acidized w/1000 gals M-38 acid. Swbd 28 bbls. load wtr / 24 bbls acid wtr / 37 bbls formation wtr in 18'. Last hr swbd 3-1/2 bbls formation wtr. No show of oil or gas.

Set bridge plug @ 4220'. Perf 4206-4216', 4167-92' w/4 holes per ft. Set pkr @ 4195'. Acidized perfs 4206-16' w/500 gals. Acidized perfs 4167-4192'. Re-set pkr @ 4145'. Sd-oil fraced perfs 4167-92' & 4206-16' w/20,000 gals oil and 37,000# sand. Swbd 315 bbls frac oil in 49 hrs. Last hr. swbd 3 bbls frac oil. Prep to place on pump.