

11/2/75
(Cont'd) Ran Baker 4-1/2" retrievomatic pkr, 140 jts 2-3/8" tbg IH to breakdown perfs, & set pkr @ 4559'. Breakdown perfs @ maximum of 4000 psi. Pumped 600 gals HCL acid & dropped 138 balls (5/8") - no ball off. SDON.

11/3/75 Pulled tbg & pkr OOH. Got out & left pkr IH. Ran tbg back IH & screwed on pkr. POOH.

RU Dresser Atlas, ran junk basket to retrieve balls, & rec 69 balls - 51 showed to have been seated on perfs.

RU Western to frac w/80,000 gal in 4 stages:
5000 gal pad, 5000 100 mesh 3#/gal, & 10,000 20/40 sd 2#/gal.
Maximum press - 450 psi - 30 BPM rate - Avg 350 psi. Dropped total of 52 balls.

RU Dresser Atlas to perf (Mesaverde): 4490-96', 4502-14', 4529-31', 4539-51', 1 HPF for a total of 32 holes.

Ran Baker RBP & pkr IH to breakdown perfs. Set BP @ 4559' & pkr @ 4439'. Press tested csg, circ hole - pkr leaking. POOH. SDON.

Prep to test pkr & tbg & frac.

11/4/75 Ran Baker retrievable tool, 4-1/2" retrievomatic pkr, & set pkr @ 2855'. Press tested annulus, circ out tbg, pumped down tbg, & circ out csg. POOH & found tbg split 41 jts off btm. Ran tbg down hole, set pkr @ 2855', & press tested annulus to 2000 psi - leaked off down to 250 psi in 1".

Latched onto BP, pulled up to 4420', set BP, got off BP, pulled pkr up to 2855', & set pkr. Press tested 4-1/2" liner to 2600 psi - held okay. Press tested annulus to 2600 psi @ 4 BPM. Pulled tbg, 4-1/2" pkr, & retrievable tool OOH. Ran Baker 7" full bore pkr to ck for leak. Set pkr @ 1242' & then @ 1168' - annulus leaked down tbg okay @ 2500 psi. Set pkr @ 1136' - annulus okay. Leaked down tbg & set pkr @ 1146' - annulus leaked down tbg okay. POOH.

Ran HOWCO easy drl plug, set @ 1104', & tried to pump in hole - not enough tbg weight. SDON.

Prep to pick up DC's to incr tbg weight.