

SUMMARY OF
CEDAR CANYON WELL NO. 1 DRILL STEM TESTS

Drill Stem Test No. 1: 2922-3020' (Delaware Sand)

With packer set @ 2898', 3/4" BHC, 1" THC. Opened 5 minutes on preflow, fair to good air blow immediately; shut in 1 hr.; opened 1 hr., good to strong air blow, continuing throughout hour, no gas to surface; shut in 2 hrs. Pulled test tools. Hydrostatic in 1299#; 5 min. IFP 42-85#; 1 hr. ISIP 1309#; 1 hr. FFP 85-233#; 2 hr. FSIP 1309#; hydrostatic out 1299#. Recovered in sample chamber 25 cc salt water, bottom hole temperature 80°. Recovered 150' drilling fluid and 350' salt water, no shows.

Drill Stem Test No. 2: 4532-4572' (Cherry Canyon)

3/4" BHC, 1" THC. Opened 10 minutes on preflow, had instant air blow and continued throughout; shut in 1 hr.; opened 1 hr. on final flow with strong air blow, gas to surface in 10 minutes, died in 20 minutes; shut in 2 hrs. Pulled test tools. Pressures: 10 min. IFP 692-437#, 1 hr. ISIP 2068#, 1 hr. FFP 230-437#, 2 hr. FSIP 2068#, hydrostatic in and out 2045#. Recovered 300' oil and 600' salt water. In sample chamber, recovered 1.5 cubic feet gas, 450 cc oil and 1150 cc salt water @ 350#.

Drill Stem Test No. 3: 4654-4734' (Cherry Canyon)

3/4" BHC, 1" THC. Opened 10 minutes on preflow, had instant weak air blow continued weak throughout; shut in 1 hr.; opened 1 hr. on final flow, no blow to weak blow in 1 hr.; shut in 2 hrs. Recovered 120' drilling water, no shows. Pressures: 10 min. FIP 92-115#; 1 hr. ISIP 2114#; 1 hr. FFP 115-138#; 2 hr. FSIP 2091#, HI 2251#, HO 2228#, BHT 95°. In sample chamber recovered 200 cc drilling fluid, no shows.

Drill Stem Test No. 4: 10,904-10,979' (Lower Wolfcamp)

3/4" BHC, 1" Adjustable THC. Open tool at 1:40 p.m. 5-13-72 for 10-minute preflow; had blow immediately which went from good to strong air blow; no gas to surface. Shut in 1 hour. Opened 1 hour for final flow; had gas to surface immediately, died in 10 minutes; had gas to surface in 70 minutes; well died in 80 minutes. Recovered 100' drilling mud. Pressures: 10-minute IFP 93-117#; 1-hour ISIP 117-327#; FFP 93#; 2-hour FSIP 93-210#; IH 6268#; FH 6130#. Bottom hole sampler contained 1/2 cu. ft. gas, 2200 cc's drilling mud (wasn't cut), Bottom Hole Temperature 160°F.