

DRILL STEM TEST SUMMARY

Bell Petroleum Company
Midwest State #1
660' FNL & 1980' FEL
S19-14S-33E
Lea County New Mex.

12-5-72

DST #1 4686'-4823' San Andres
Packer set @ 4686' 4823', 5 min. preflow, Behavior of test:
Preflow was wk. blow, fair blow throughout. Stabilized in 30 min.
and held through test. 7" wtr. on 1/8" opening. Fluid rec: 970'
drlg. fluid. ISI 60 min./ 1889#. Tool open 120 min.. Final Shut
In 120 min./ 1739#. Preflow pressure 119#. IF 144#, FF 468#.
Initial Hydro. 2125#, Final Hydro 2125#. Temp 110 dgr.
Sample Chamber 2500 cc drlg. fluid. No pressure. Water in
Sample Chamber: 2800 PPM Chloride. Res. 1.1 @ 60 dgr.
Sample Pit: 2000 PPM Chloride, Res. 1.2 @ 58 dgr. Water in
Drill pipe: 2300 PPM Chloride.

12-23-72

DST #2 10441-10510 Penn.
Packer set @ 10441, 5 min. preflow, 60 min. IS pressure- failed.
150 min. actual time of test. 95 min. Final SI press. Rec: 2980'
drl. mud. IFP press 1013#, FFP 1842#, FSI press 3321#, Hydro-
static in and out 4966#. Did not recover flow pressure. Behavior
of test: was fair blow throughout test through 1/4" hose. Fluid
Rec: Bottom 30' of 2980' was gray to black with sulphur smell. No
trace of oil. Temp 154 dgr. Noting in Sample Chamber due to tool
failure.

12-26-72

DST #3 10443-10510 Penn
Preflow 15 min. Shut in 66 min., Open 5 hrs. Shut in 2 hrs.,
Strong blow thru out test weakening toward end of test. Rec:
1990' mud & 2947' Black Sulphur water., ISIP 3621#, FSIP 3175#,
IFP 692#, FFP 831#, IHP 4906#, FHP 4729#, BHT 150 dgr.
Sample Chamber 2100 cc Sulphur wtr. no gas.

/jh
cc: file (2)