

J. D. Sandefer III

Good-State No. 1, No. ~~L~~-7061, De Baca County, New Mexico

Location: 664 FNL and 663 FEL of Section 21, T-4-N, R-27-E

Summary of drill stem tests and directional surveys.

DST No. 1 6454-81 Strawn sand

Tool open 15 minutes on pre-flow, steady blow throughout.

Shut in for 60 minutes initial shut in.

Open 60 minutes for second flow period. Opened with a fair blow and increased slightly through test period.

Shut in for 120 minutes for final shut in.

Recovery: 402' very slightly gas cut drilling mud and 91' salty drilling mud, slightly gas cut.

Initial Hydrostatic Pressure 3374 psi.

First flow initial pressure 126 psi.

First flow final pressure 252 psi.

Initial shut in pressure 2219 psi.

Second flow initial pressure 211 psi.

Second flow final pressure 253 psi.

Final shut in pressure 2027 psi.

Final hydrostatic pressure 3159 psi.

DST No. 2 6580-6638 Strawn sand

Tool open 15 minutes on pre-flow, weak blow and died.

Shut in for 60 minutes initial shut in.

Open for 60 minutes on second flow period, weak blow and died.

Shut in for 120 minutes on final shut in pressure.

Recovery: 540' drilling fluid and 627' salt water, no show.

Initial Hydrostatic Pressure 3490 psi.

First flow initial pressure 359 psi.

First flow final pressure 545 psi.

Initial shut in pressure 2470 psi.

Second flow initial pressure 531 psi.

Second flow final pressure 644 psi.

Final shut in pressure 2342 psi.

Final Hydrostatic pressure 3348 psi.

Directional Surveys

300' -  $1/4^{\circ}$

750' -  $1/2^{\circ}$

1200' -  $3/4^{\circ}$

1750' -  $3/4^{\circ}$

2200' -  $3/4^{\circ}$

2900' -  $3/4^{\circ}$

3150' -  $1^{\circ}$

3650' -  $1^{\circ}$

4150' -  $1^{\circ}$

4351' -  $1/4^{\circ}$

4774' -  $1/2^{\circ}$

5650' -  $3/4^{\circ}$

6136' -  $1\ 1/2^{\circ}$

6481' -  $1\ 1/2^{\circ}$

7000' -  $1\ 1/2^{\circ}$