

PAULINE ALB ST. 6
32-23S-31E
COMPLETION PROCEDURE NO. 1
BONE SPRING AND DELAWARE SAND
6/30/92

OBJECTIVE: Complete well in the Bone Spring and Delaware Sand.

PROCEDURE:

BS1

1. RU lubricator and perforate as follows:

- a) BS1: 8037', 8038', 8039', 8040', 8043', 8044', 8045' (14)
- b) Use 4" casing gun with deepest penetrating charges, 2 SPF and 180 deg phasing.
- c) Correlate to CBL.

2. Straddle and acidize BS1 8037-8045' with 750 gals. NE Fe 7-1/2% HCl acid inhibited for 6 hrs. at 140 deg. F.

- a) Pump acid at 2-4 BPM while limiting surface treating pressure to 3500 psi. Go up to 4000 psi to break perfs if necessary. Load annulus and monitor during job.
- b) Drop eight 1.3 SG ballsealers every 6 bbls. acid pumped (24).
- c) Displace acid to bottom perf with 2% KCl water followed by linear base gel (prepad).

3. Surge balls off perfs, wait 10 minutes and frac BS1 per attached frac schedule.

D1

4. RU lubricator and perforate as follows:

- a) D1: 7868', 7870', 7872', 7874', 7882', 7884', 7886', 7892', 7893', 7932', 7934', 7936' (24)
- b) Use 4" casing gun with deepest penetrating charges, 2 SPF and 180 deg phasing.

5. Acidize 7868-7936' with 1500 gals. NE Fe 7-1/2% HCl acid inhibited for 6 hrs. at 140 deg. F.

- a) Pump acid at 2-4 BPM while limiting surface treating pressure to 3500 psi. Go up to 4000 psi to break perfs if necessary. Load annulus and monitor during job.
- b) Drop twelve 1.3 SG ballsealers every 9 bbls. acid pumped (48).
- c) Displace acid to bottom perf with 2% KCl water.