

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:

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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.

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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.