

RECOMMENDED PROCEDURE

DRAG "C" WELL #1

CRITICAL

December 13, 1982

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15. *Dowell* to acidize perms down 2-7/8" tbg at 5-7 BPM as follows:
- Pump 5000 SCF N₂.
 - Pump 5000 gals 15% MSR100 w/1000 SCF N₂/bbl. Drop one ball sealer every three bbls acid.
 - Flush with 2% KCl water w/2000 SCL N₂/bbl.
 - Shut well in for 30 minutes.
16. Flow well back to clean up.
17. Frac down 2-7/8" OD tbg with 51,000 gals YF3PSD and 128,000 lbs sand. Frac at 20-24 BPM. Expected treating pressure 5000 psi. Pressure annulus to 1000 psi with standby pump truck. Frac as follows:
- 18,000 gals YF3PSD pad.
 - 2,000 gals YF3PSD w/1 ppg 20-40 sd.
 - 3,000 gals YF3PSD w/2 ppg 20-40 sd.
 - 4,000 gals YF3PSD w/3 ppg 20-40 sd.
 - 5,000 gals YF3PSD w/4 ppg 20-40 sd.
 - 7,000 gals YF3PSD w/5 ppg 20-40 sd.
 - 7,000 gals YF3PSD w/4 ppg 10-20 sd.
 - 5,000 gals YF3PSD w/5 ppg 10-20 ds.
 - Flush to top perf w/1050 gals WF-30.
 - Shut in well for two hours.
18. Flow or swab back load and test.

Note: A. Reference phone call on abandoning Cisco formation with Les Clements, NMOCC on Tuesday, December 7, 1982, 4:00 p.m.

B. Desana's AK State No. 1 - 2 1/4 mi SE, Bone Springs Discovery Well. Perfs 5496'-5515', CAOF 6.99 MMCFD, BHP 2466 psi, H₂S content 860 grains/MCF.

ANR

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