

Condition of Hole and Procedure  
Calvani Com. Well #1  
October 24, 1991  
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6. PU & RIH w/a 4" tbg conveyed perforating gun loaded to shoot 8 ft of zone @ 4 SPF and 90° phasing (33 total holes), 4' 2-3/8" 4.7# N-80 8rd tbg sub, 1' glass disc firing head protector, 1 jt 2-3/8" 4.7# N-80 8rd tbg, 6' 2-3/8" N-80 8rd perforated sub, 4' 2-3/8" 4.7# N-80 8rd tbg sub, 2-3/8" 8rd Baker "F" nipple w/1.875" profile, 1 jt 2-3/8" 4.7# N-80 8rd tbg, Baker Model R-3 Double Grip packer, 4' 2-3/8" 4.7# N-80 8rd tbg sub, 2-3/8" 8rd pin x 2-3/8" AB DSS-HT BOX X-over, and remaining 2-3/8" 4.7# N-80 AB DSS-HT tbg. Run to approx. 10,750'.
7. Circ hole w/2% KCl water and 1 drum/100 bbls of Treatolite KW-132 pkr fluid.
8. RU elec line. Run GR-CCL correlation log through tbg. POH w/logging tools.
9. Space out to perforate interval 10,702-10' (Schlumberger CNL-FDC log dated 3/16/73). Set pkr in 10 pt. compression. Land tbg.
10. ND BOP, NU wellhead. RU swab & swab fluid level down to SN. RD, release Service Unit.
11. RU test manifold and flare line to pit.
12. Drop detonating bar. Flare well to pit for clean up.
13. If necessary, acidize w/1500 gals Halliburton MOD 101 w/3 gal/1000 ClaSta XP, 2 gal/1000 Lo-surf 300, 10#/1000 Ferchek-A, 50 gals/1000 Musal-A, 2 gals/1000 HAI-85M, 5 gal/1000 HC-2 and 1000 SCF/bbl N<sub>2</sub>. Acidize thru production tbg & pkr. Max wellhead pressure 3000 psi.
14. Flow well to pit for clean up.
15. Run 4 pt test. Place well on production.

ANDREWS DISTRICT ENGINEERING  
GNF:ren