

RECOMPLETION PROCEDURE

Hudson "29" Federal #1
Corbin, South, Field
Lea County, New Mexico

PURPOSE

P&A present completion. Perforate and test Bone Springs formation for commercial producibility.

DATA

Well Schematic: Attached
Current Status: Well S/I awaiting log evaluation.

PROCEDURE

- 1) MIRU Service Unit.
- 2) Kill well w/ 50 bbls. cut brine, if needed.
- 3) ND tree, NU BOP's.
- 4) POOH w/ 2 3/8" tbg.
- 5) TIH w/ 5 1/2" CIBP on 2 3/8" tbg. and set same @ 12,160' (100' below top of Strawn).
- 6) Dump 25 sx Class "H" neat on top from 12,160' to 11,960'. POOH w/ tbg.
- 7) TIH w/ 5 1/2" CIBP on 2 3/8" tbg. and set same @ 10,500'.
- 8) Dump 25 sx Class "H" neat on top from 10,500' to 10,300'. POOH w/ tbg.
- 9) Perforate Bone Springs from 9081' to 9115' @ 1 SPF and 90° phasing (total of 35 holes) using 4" casing guns.
- 10) TIH w/ 5 1/2" pkr. and 2 3/8" tbg; testing tubing to 8000 psi. Set packer @ 9050'. Test backside to 2000 psi.
- 11) Swab well in and check for flow.
- 12) Swab well to S.N. and acidize at a rate of 4-6 BPM with 5000 gals. 15% NEFE HLC acid. After first 1000 gals. acid, drop 70 balls evenly spaced throughout acid. Attempt perforation ballout. Displace with 2% KCL water (36 bbls).
- 13) Swab well in and test.
- 14) After production and pressure testing, further stimulation may be required.

Randy M. Hodgins

Approved: _____