

Featherstone Federal #1
Monument Draw Field
Lea County, New Mexico

San Andres Recompletion

- 1) MIRU pulling unit. Unseat pump and POH w/99-1", 103-7/8" and 215-3/4" Grade D steel rods. ND Tee. NU BOP. Unseat TA and POH w/347 joints, 2-7/8", 6.5#, N-80 ABC mod tubing and BHA.
- 2) Notify Bureau of Land Management in Hobbs (505/393-3612) of intent to plugback. Plugging procedure reviewed and approved by phone with Robert Pitschke, B.L.M. in Carlsbad, N.M. 7/20/84, 505/887-6544.
- 3) MIRU wireline co. RIH w/CIBP for 7-5/8", 29.7#, S-95 casing set at 10,500' (per Welex CBL-VDL dated 12/9/81). POH. Load hole w/2% KCL water and test plug to 1000#. If plug test satisfactorily, dump bail 35' of cement on top of it. RDMO wireline co.
- 4) RIH w/4" SSBI casing gun and perforate 4 jspf centralized, w/120° phasing the depth 8500' (4 holes total). POH. RIH w/wireline cement retainer for 7-5/8", 29.7# casing and set at 8350'. RDMO wireline co.
- 5) RIH w/tubing. Sting into retainer and establish injection rate into perforations. Pull out of retainer. Mix and pump 120 sks class "H" neat cement. Sting into retainer. Displace cement w/48 bbls fresh water to 8300'. Pull out of retainer and reverse out cement above retainer. POH. WOC overnight. Pressure test plug to 1000#.
- 6) MIRU wireline co. RIH w/4" SSBI casing gun and perforate 4 jspf centralized, w/120° phasing the depth 6290' (4 holes total). POH. RIH w/wireline cement retainer for 7-5/8", 29.7# casing and set at 6140'. RDMO wireline co.
- 7) RIH w/tubing. Sting into retainer and establish injection rate into perforations. Pull out of retainer. Mix and pump 150 sks class "H" neat cement. Sting into retainer. Displace cement w/35 bbls fresh water to 6090'. Pull out of retainer and reverse out cement above retainer. POH. WOC overnight. Pressure test plug to 1000#.
- 8) MIRU wireline co. RIH w/4" SSBI casing gun and perforate 4 squeeze holes (4 jspf, centralized, w/120° phasing) at 5500' (per Schlumberger CNL-LDT, 9/29/81). POH.
- 9) RIH w/7-5/8" packer and tubing to 5450'. Set packer and establish injection into 5500' perforations. Monitor 7-5/8" and 10-3/4" annulus for communication. If necessary, break down perms w/500 gal 15% HCL. POH.

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AUG 22 1984

O.C.C.
MOBILE ALABAMA