LMSUB #888 2/4/2002
660' FSL & 2310' FWL, N-14-20S-36E
Lea County, New Mexico
30-025-04273
FA5417

Lower Grayburg Test

Well Data

Tubing: 2-3/8"
Casing: 5-1/2", 17# @ 3734'
Liner: 4", 11.34# (3681' – 4273') +/- 3.45" ID
TD: 4274' PBTD: 4107' Elevation: 3568' GL

Open Perforations 3752' – 3754', 3780' – 3790', 3802' – 3807', 3820' – 3834', 3850' – 3859', 3886' – 3894', 3923' – 3926', 3931' – 3938', 3962' – 3966', 3971' – 3985', 4005' – 4024', 4029' – 4033', 4063' – 4076', and 4082' – 4084' with 2 spf (114' net)

CIBP @ 4107'

4 Squeeze Holes 4121' – 4122'

Procedure

1. Comply with all company and governmental safety and environmental regulations.
2. Rig up pulling unit. ND wellhead. NU BOP.
3. TOH with rods and pump. Visually inspect for scale, paraffin, and wear. Scanalog production tubing out of hole.
4. TIH with 5-1/2", 17# casing scraper on 2-7/8" workstring. Make scraper run to the 4" liner top at 3681'. TOH with scraper.
5. TIH with 5-1/2", 17# RBP on 2-7/8" workstring. Set packer at 3650'. Pressure test casing and RBP to 300 psig for 30 minutes. Repair casing leak as required. TOH with RBP.
6. TIH with 4" cement retainer. Set retainer at 3740'. Squeeze Grayburg completion 3752' – 4084' (114' of net perforations) below retainer as per BJ Services. Reverse circulate remaining cement to surface. Shut down one day to wait on cement.
7. TIH with 3-1/8" bit on 600' of 2-3/8" internal upset drill pipe and 2-7/8", 6.5#, EUE tapered workstring. Drill out cement retainer at 3740'. Drill cement from 3740' – 4107'. Drill out CIBP at 4107'. Clean well out to 4250'. TOH with bit and workstring.