

Chosa ATR Federal #1
Section 8-T25S-R26E
Eddy County

test to 1500 psi. Release and pull packer. TIH w/6-1/8" bit and drill collars. Close in well.

8/7/01-Resume TIH w 6-1/8" bit and drill collars. Tag 8129'. Drilled hard cement to 8198' top of liner. Circulate hole clean. Test to 1500 psi. TIH to top of liner w/3-7/8" bit and drill collars.

8/8/01-Tagged cement at top of liner in 4-1/2 at 8198' TIH to PBTD at 11,720'. Perforate Morrow sand w/3-3/8" guns (6 JSPF)=11,609-15' (43 Holes), 11,628-30' (18 holes) + 11,647-51' (30 holes). Total of 91 holes. Prep to TIH w/packer and RBP. Tag up at 11,609'. Top of perf. could not work, past spot. Pull gun ran in with gauge basket with 3-7/8" OD. Tag at 11,609'.

8/10/01-TIH to PBTD @ 11,720

8/11/01-RIH w 3-3/8 guns. shot 11,628-30' w/6 JSPF start in hole w/ 4-1/2" packer and RBP.

8/14/01-Well built up to 1500 psi. Set RBP @ 11,712'. Pulled packer above perfs. RIH w/Gamm ray tool & correlate packer depth. Lower below perfs, spot 5 bbls 7.5% Morrow sand acid. Pull packer & RBP to straddle perfs 11,609-15'. Break at 3650 psi. Move tools to straddle perfs 11,628-38'. Break @ 2600 psi., communicate with upper perfs. Straddle perfs 11,647-51', break at 3900 psi. Lower RBP to 11,712. Pull packer to 11,500. Set and test to 1500 psi. Acidize Morrow sand perfs 11,609-11,651'= 91 holes w/1500 gal. 7.5% morrow sand type acid w/1000 SCF N₂/per bbls. Break 3600 psi, avg rate 5 BPS/150.50 min. Avg pressure=4850 psi, ISDP=4600 psi, 15 min=4050.

8/17/01-Turn well over to production department.