

Lotos "A" Federal Com No. 1

This recompletion was within the South Sand Dunes Lower Penn field. The middle Morrow was abandoned, and the upper Morrow was completed.

05/05/95 MIRU pulling unit.

05/06 Set blanking plug in "F" nipple at 14,797'. ND tree. NU BOP.

Attempt to sting out of packer at 14,780' - unsuccessful.

05/07 TIH with 2" jet cutter, and cut 2-7/8" tubing off at 14,775' (5' above seal assembly).
TOH with 2-7/8" tubing.

05/08 Run gauge ring to 14,760'. HLS set CIBP on wireline at 14,750' in 7" liner, and dump bailed 6 sx (35') of cement on top of CIBP (new PBTD 14,715'). Test 9-5/8" casing, BOP, and CIBP to 4000 psi - OK.

05/09 TIH with 2-7/8" tubing. Tag PBTD at 14,709'. Pickled tubing. Spot 600 gals 9.5 ppg 10% acetic acid from 14,709-14,301'. Load hole with packer fluid (2% KCL water and additives).

05/10 HLS set Guiberson HT Magnum permanent packer in 7" liner at 14,494' with tubing conveyed perforating guns on bottom of packer. Two profile nipples were ran below the packer.

05/11 TIH with seal assembly and 2-7/8" 6.50 P105 A-95 Hydril tubing. Tested tubing below the slips to 10,000 psi while TIH. Sting into packer, slacked off 30k at surface. ND BOP, NU production tree. Test tree to 10,000 psi - OK.

05/12 Test annulus to 4000 psi - OK. Dropped firing bar and perforated the Morrow from 14,552-55 and 14,560-70 (13', 6 JSPF, 78 holes) while 2500 psi underbalanced. Flowing back 1/4" stream. Swabbed 11 runs, and well kicked off flowing estimated 100 MCFPD.

05/14 Acidize the Morrow with 2000 gals 7-1/2% HCL with 1000 SCF N2/bbl and 45 ball sealers at 3 BPM, avg 6000 psi. Flow back load.

05/15 Flowing gas and water mist.

05/16 TIH with coiled tubing to 14,565'. Jet hole with nitrogen.

05/17 Turn well to sales at 333 MCFPD, 12/64" ck, FTP 75 psi. Final Report.

The well is still completed in the South Sand Dunes Lower Penn field (no field change). Production from the middle Morrow prior to abandonment was 115 MCFPD.