

## WORKOVER PROCEDURE

3-15-99

PROJECT: State L #2 Clean out fill, lower SN

DRILLED & COMPLETED: 1/38 LAST WO: 9/98 - strip pump out of hole, raise SN 1 jt

LOCATION: Unit X, Section 1-21S-35E

FIELD: Eumont COUNTY: Lea STATE: NM

TD: 3,905' PBDT: 3,680' DF to GL: 10'

### CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
9 5/8"	36#	1378'	600	12 1/4"	surf	circ
7"	24#	3730'	225	8 3/4"	2720'	CBL

Producing formation: 3050' - 3605' OA Yates & 7 Rivers

TBG: 111 jts 2 3/8" 4.7# J-55 8rd EUE, SN at 3532', 4' perf sub, 1 jt 2 3/8" BPMA, EOT at 3567'

Note: Hot watered csg 1-26-99, did not increase production

### PROCEDURE

Test tubing prior to rig up.  
Use minimal amounts of 2 % KCL water as needed.

1. MIRU pulling unit. POH w/ rods & pump.
2. ND WH. NU BOP. Tag fill, POH w/ tubing.
3. Pour new rope socket. Run 3 1/2" sandline bailer & clean out to PBDT at +/- 3680'.
4. POH w/ SL bailer. GIH w/ notched collar, SN, & 2 3/8" tubing to +/- 3675'.
5. Swab tubing until fluid is clean. Pump soapy water down tubing if necessary and swab back load. POH w/ tbg.
6. GIH w/ unloader valve, 1 jt 2 3/8" MA, Cavins 2301 (3') desander, 4' pup jt, SN and 113 jts 2 3/8" to land EOT at +/- 3634', desander at +/- 3602'.
7. ND BOP. NU WH. GIH w/ 1 1/4" 3-tube pump and rods. Seat pump. Space out. Hang well on.
8. Load tbg w/ 2% KCL. Test pump & tubing to 300 psi w/ pumping unit. RDMO pulling unit. Put on production.