

WORKOVER PROCEDURE

PROJECT: State #2 (Jalmat) - Clean Out, Drill Out CIBP and Stimulate

DRILLED & COMPLETED: 9/66 LAST WO: 9/99 - HIT

LOCATION: Sec. 36-24S-36E

FIELD: Jalmat COUNTY: Lea STATE: NM

TD: 2,867' PBDT: 2,775' KB: 9'

CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
13 3/8"	54.5#	112'	100	17 1/2"	surf	
8 5/8"	24#	1200'	650	11"	surf	cmt circ.
4 1/2"	10.5#	2800'	300	6 3/4"	900'	TOC est. w/ 75% excess - CIBP @2790' w/ 1 sx cmt
OH		2867'		3 7/8"		

Producing formation: 2636' - 2772' OA Tansill & Yates

TBG: 88 jts 2 3/8" 4.7# J-55 8RD EUE, SN @ 2721', slotted OPMA btm @ 2756'

Note: fill at 2760' 5-91 (12' of perms covered)

PROCEDURE

- Notify NMOCD of planned work
 - Dig and line WO Pit.
 - Run acid compatibilities on produced fluids
 - Use 2% KCl for all water pumped into the well
1. MIRUPU. POH w/ 106- 3/4" rods and 1 1/4" pump.
 2. NDWH. NUBOP. POH w/ 88 Jts 2 3/8", 4.7#, J-55 eue 8rd TBG, SN, 4' perf sub and 1 jt 2 3/8" BPMA.
 3. RIH w/ 3 7/8" MT Skirted Bit, Bit Sub, 6 - 3 1/16" DC's and XO Sub on 2 3/8" WS. Tally in hole. Tag fill (Last tagged fill @ 2760', CIBP @ 2790' w / 1 sack cmt) and PUH.
 4. RU power swivel. RU foam air unit (1200 CFM) and establish circ w/foam down TBG.
 5. RIH and CO to TOC at +/- 2775'. DO cmt and CIBP @ 2790' (Max Wt. on bit - 6 pts.). Chase to TD of 2867'. CHC.
 6. RD foam air unit and power swivel. POH and LD bit and DC's
 7. RU TBG Testers. RIH w/ PKR and SN on 2 3/8" WS. Set PKR at +/-2785'. Test TBG to 5000# AS. RD TBG Testers.
 8. RU acid company. Pump 2000 gal 15% AS acid at +/- 4 BPM, dropping 400 lb of GRS in 2 stgs. Flush to TD w/ 2% KCl. Open csg valve and monitor annulus throughout job. Max Pressure 3000 psi. Record injection rates and SI pressures.
 9. As soon as SI pressures are obtained, rlse PKR. POH w/ TBG and PKR.
 10. RIH w/ RBP w/ small junk basket, PKR and SN on 2 3/8" WS. Set RBP at +/- 2790'. Set PKR @ 2785'. Test RBP to 1000 psi w/ 2% KCl. Swab fluid out of TBG. Rlse PKR and Reset PKR @ +/- 2550'.
 11. Pump 2000 gal 15% AS acid at +/- 4 BPM, dropping 63 1.3 SG RCBS in 3 stgs. Flush to btm perf w/ 2% KCl. Open csg valve and monitor annulus throughout job. Max Pressure 3000 psi. Record injection rates and SI pressures.

