

WORKOVER - New Mexico State Well #1

APR 11 11 33 AM '67

On 3-10-67 pulled rods, pump and tubing. 3-11-67 Dowell squeezed perfs. 9310/33 under Baker Model R packer @ 9270. Mixed 100 sks Incor 0.6%, D-59 3/5% salt - followed by 100 sks Incor w/0.2% D-13 retarder. No BDP. Displaced 100 sks into perfs. Final pressure 3000 psi. 3-12-67 WOC. Reverse equipment moved in 3-13-67 - ran 3 7/8" bit on 2 3/8" tubing. Found top of cement 9260'. Drilled cement from 9260-9343'. 3-14-67 tested squeeze. No squeeze. 3-15-67 ran packer and tubing - tubing seated @ 9318. 3-16-67 Dowell spotted 250 gal. 15% NE HCl over perfs. Washed and soaked 1 hour. Raised packer, pumped 4 bbls. acid into perfs. 9310/22. Lowered packer, spotted 6 bbl. 15% acid across perfs. and soaked 1/2 hour. Pump in 1/2 bbl. min. 3-17-67 lowered packer to 9314, spotted 6 bbls. 28% acid, across perfs. Dowell mixed 75 sks Incor neat, spotted on perfs. 9310-9322. Displaced 5 1/4 bbl., FP 5000#. Could not reverse. 3-18-67 ran tubing and 3 7/8" bit. Top of cement 9235'. Drilled cement 9235/9316. Tested perfs. 2000#, 30 min. O.k. 3-20-67, tested squeeze #2 on perfs. 9310 to 9322 w/water - 3000#, 30 min. o.k. Drilled bridge plug @ 9700' and washed to 9862'. Pulled tubing. 3-22-67 - Welox perf. 4 1/2" casing w/1 JSPF from 9808 to 9822., by Sonic log measurements w/ 3 1/8" cased gun, 13 gram special Super Dyna Jet charge, 3/8" entry hole, top and bottom shot RA. Check perfs. O.K. Ran Baker Model "R" packer on tubing. 3-23-67 Dowell spotted 2 BA across perfs. 9808-9822/ tubing seat @ 9822'. Raised tubing seat to 9743' and set packer. Treated perfs. w/appx. 300 gal. acid in formation. Packer failed. 3-24-67 reset packer @ 9783'. Dowell acidized perfs. 9808-9822 w/1000 gal. 15% LST down 2 7/8" tubing under Baker Model R packer at 9783. Spotted 2 bbls. acid on perfs. Spotted 22 bbls. acid to bottom tubing. Flushed w/55 bbls. brine water. Swabbed dry. 3-27-67 Dowell acidized perfs. 9722 to 9822 w/5000 gal. 28% Super X acid w/15#/1000 gal. J-50, 5#/1000 gal. J-120 down 2 7/8" tubing w/seat @ 9659'. Packer @ 9655. Communicated around packer. 3-28-67 attempted to pull tubing and packer, ^{unable to pull.} Reversed out acid. 3-29-67 ran McCollough free point, indicate tubing stuck at 9592'. Ran McCollough chemical cutter.

