

Federal 6, Well #1

Morrow

4-4-90 Set pkr. @ 9478
4-5-90 Perf'd with 2 SPF @ 9542 - 9549, 9554 - 9564
4-6-90 Acidized perfs w/2000 gals 7 1/2% Morrow type acid + 750 SCF N2/bbl. Dropped 80 ball sealers.
4-7-90 Swabbed +/- 2 bbl. of acid wtr. w/weak gas blow
4-11-90 SI fro press. build up
4-16-90 Results of 50 hr. press. build up. FBHP 498 psi 20 hr. SIBHP 2302 psi. Pressure broke to 2072 psi. Increase to 2086 psi @ 79 hrs.
4-25-90 Blew well dn & removed Christmas tree. Installed BOP POH w/tbg. LD Otis seal assembly. RIH w/Otis pkr. retrieving tool and latch into prk @ 9479. POOH w/pkr.
4-28-90 Pumped 50 sx Class H w/6/10% Halad A + 50 sx Neat. Squeezed perfs @ 9542-49' & 9554-64' to 3500 psi.
4-30-90 Drl'd cmt ret. & 90' cmt to 9504' Circ hole
5-1-90 Test squeeze to 2000 psi w/100 psi. Circ hole
5-2-90 RIH w/4" csg gun to correlate & perf 4SPF on 90 deg. phasing from 9584-86, total 2' (8holes).
5-3-90 Spot 200 gals 7 1/2" Mor flow acid. RIH w/4" carrier gun to perf 9542 - 49, 9554 - 64' Unable to get guns below 9559' TOH w/guns. RIH w/tbg open ended & reverse out spot acid.
5-4-90 RIH w/5 1/2" CIBP on WL. WLTD 9710'. Left 2' of retainer in hole. Pull up & set top of CIBP @ 9576'. New WLPBTD.
5-7-90 Tagged CIBP @ 9576'. Pull up to 9565' Spot 200 gals 7 1/2% Mor-flow acid. RIH w/4" csg. gun & correlate. Perf 4 SPF @ 9542-49, 9554-64. 68 holes. POH w/gun. All shots fired. PU & RIH w/5 1/2" Baker Model R double grip pkr + SN on 300 jts 2 3/8" tbg. Installed donut & Christmas tree. Reverse acid. Set pkr @ 9465'. Press backside to psi. ok. Broke down formation w/3900 psi @ 1.5 BPM. Rem. tree saver. RD Howco. RU to swab FL @ surface. Swabbed to SN in 9 runs. No show of gas. SIW.
5-8-90 Acidize perfs w/1000 gals 7 1/2% Mor-flow @ avg. 3/10 BPM @ 2480 psi. Swabbed - no show of gas.
5-9-90 Swabbed - no show ✓
5-10-90 Press csg. to 1500 psi. ok. Acidized perfs 9542 - 49', 9554 - 64' w/4000 gals 7 1/2% Mor-flow acid w/150 ball sealers. Swabbed - no flow. SI
5-30-90 Operation: Complete in Strawn. POH w/300 jts 2 3/8" tbg & pkr. RIH w/2 3/8" x 5 1/2" Baker Model C wireline. Set RBP + CCL. Correlate & set RBP @ 9465'. WLTD. POH. Prep to spot acid & perf.
5-31-90 Spot 200 gals 15% NEFE dbl inhibited acid from 8435'. POH w/tbg. RIH w/4" carrier gun & CCL. Correlated to wedge WL EBL/GR log, ran 5/2/90. Perf. 4 SPF @ 8428-8434' (24 holes). All shots fired. PU & RIH w/5 1/2" Baker Model R dbl grip pkr. + SN on 266 jts 2 3/8" tbg. Installed donut & christmas tree. Reverse spot acid. Set pkr @ 8370'. Press backside to 1000 psi. Broke down perfs @ 2200 psi. Pumped away spot acid @ 3 BPM @ 3690 psi. ISIP 2490 psi. Rem tree saver RD