

H. E. West "B" #22-Y

6/08/81

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200 sx Cl H cmt. RO 2 bbls cmt. WOC. DO cmt & cmt retr. Had small flow back of wtr. RIH w/pkr, set pkr @ 3195'. Spot 250 gals 15% NE-FE acid across perfs 3260-70' & estab pump rate. POH w/pkr. Set cmt retr @ 3165'. Cmt squeezed perfs 3260-70' w/100 sx Cl H cmt w/6% gel & 200 sx Cl H cmt. Final press 4000#. WOC. DO cmt & cmt retr. Had small flow back of wtr. RIH w/pkr, set pkr @ 3200', spot 250 gals acid over perfs 3260-70', estab pump rate. POH w/pkr. RIH w/cmt retr, set retr @ 3155'. Pmpd 5 bbls FW pad, 20 bbls caustic water, 5 BFW pad, cmt squeezed perfs 3260-70' w/200 sx Cl H cmt w/6% gel & 200 sx Cl H cmt. Max squeeze press 3400#. WOC. DO cmt & cmt retr. Press tested squeeze job to 1000# 30 mins. No squeeze. Set pkr @ 3196'. Spotted acid over perfs 3260-70'. Pmpd into perfs & broke dn. POH w/pkr. RIH w/cmt retr, set retr @ 3171'. Cmt squeezed perfs 3260-70' w/5 bbls FW, 20 bbls caustic wtr, 200 sx Thix-o-mix cmt. Final press 5500#. WOC. DO cmt & retr. Had wtr flow. RIH w/pkr, set @ 3200', spot 250 gals acid over perfs 3260-70', estab pump in rate. POH w/pkr. RIH w/cmt retr, set retr @ 3175'. Cmt squeezed perfs 3260-70' w/100 sx Thix-O-mix cmt & 100 sx Cl H cmt w/2% CaCl. WOC. DO cmt & retr. Had small water flow. RIH w/pkr, set @ 3203', press perfs 3260-70', had rate of $\frac{1}{2}$ BPM @ 4500#. No wtr flow. POH w/pkr. RIH w/RTTS pkr, spotted 50 sx Cl H cmt w/8/10% Halad-9 over perfs. Set pkr @ 2846', press csg/tbg annulus to 500#, tbg to 4600#. Pmpd 1 bbl cmt into perfs 3260-70'. 4000# press on tbg & 300# on csg. WOC. POH w/pkr. DO cmt, CO hole, no wtr flow. Press csg to 1000# 30 mins OK. Ran CBL w/CCL 3615' to surf. TOC @ 3150'. Perf'd 3040-3042' w/2 JSPF. Pmpd 250 BW dn csg/tbg annulus, did not circ to surf. RIH w/cmt retr, set retr @ 2977'. Pmpd 500 sx HL cmt & 200 sx Cl C cmt cont'g 2% CaCl. Cmt did not circ. Found TOC @ 1775' FS. Ran 1" tbg behind 5 $\frac{1}{2}$ " csg to 928', pmpd 20 BW & broke circ to surf. Pmpd 53 BW w/dye to surf for caliper. Pmpd down 1" tbg w/200 sx Cl H Neat cmt. POH w/1" tbg. WOC. DO cmt & cmt retr. Circ hole clean to 3625' PBD. Press tested csg to 1000# 30 mins OK. Perf'd 3558-72' w/2 JSPF. RIH w/pkr, set pkr @ 3463'. Acidized perfs 3558-72' w/2500 gals 15% HCL. On 3/3/81 swbd 17 BLW & 3 BO. Acidized perfs 3558-72' w/2500 gals gel, 2% KCL wtr & 5000 gals 15% MCA. In 8 hrs swbd 4 BO & 13 BLW, swbd dry. RIH w/ cmt retr, set retr @ 3447'. Squeeze cmt'd perfs 3558-72' w/100 sx Cl C cmt cont'g .3% Halad-9, RO 12 sx cmt. 10' cmt on top of retr. POH w/tbg. RIH w/1 jt 2-3/8" OD tbg, connected wellhead. Closed tbg w/surface valve. TA eff 3/16/81. Holding well bore for future use. Final Report.