

"TIGHT HOLE"

SFEOP,LP

Walker No. 1 (D)

1980' FSL & 990' FWL

Sec. 21-22S-27E

Eddy County, NM

Indian Draw Prospect

TCW-PD-NM

WI 100% BPO

WI 100% APO

NRI 75.90462% BPO

NRI 75.90462% APO

PIN C101

AFE J90088

SFEOP,LP

AFE COMP \$42,000

RECOMPLETION

SPUD 04-07-83

13 3/8" @ 590'

9 5/8" @ 5354'

5 1/2" @ 11,960'

TD 11,960'; PBTD 11,909'

Perfs: (plugged)

11,514-835'

09-19-90

Made 2 WL runs to dump bail 50' cmt on top CIBP w/Western Atlas 11,500' to 11,450'. RU B&E Kill Truck. Load hole w/35 BBL 2% KCl wtr. Press csg to 2000 psi, held ok. Run 4" csg gun w/WL truck. Pull collar strip log. Correlate & shoot 4 holes @ 9118'. TOH w/WL. Close blank rams on BOP. Press w/kill truck to 1000 psi. Held 15 min, no press lost. RD Western Atlas & B&E kill truck. TIH with 2 3/8" SN, 1 stand tail pipe, Baker lockset pkr, on-off tool, & 138 stands + single 2 3/8" tbg to 9131'. Replace 50 seal rings in 2 3/8" AB Mod tbg. RU Halliburton. Pump 35 BBL 2% KCl wtr to clear tbg. Spot 200 gal 15% HCl acid. LD 11 jts tbg. Acid on spot @ 9120' to 8815'. EOT @ 8781'. Set pkr @ 8714'. RU Howco & start putting acid away. Press to 3400 psi in 500# stages. Formation broke @ 3400' @ 0.4 BPM. No change in press. Pumped 7 BBL acid & 3 BBL overflush. ISDP 3300 psi. Shut well in & SDFN.

CTD: \$11,045

09-20-90

12 hr SITP 2500 psi, SICP 60 psi. SI 9 5/8" for 30 min. WOO. RD Howco. Bled down press. Release pkr. TOH w/tbg. On-off tool came off pkr. TI with 2 3/8" tbg to latch back on pkr. Latch up & release pkr. TOH w/tbg & Baker Lockset pkr. RU Western Atlas WL truck & RIH w/GR-CCL tool to 9150'. Tool shorted out. TOH w/WL. Change tools. RIH w/tools to 9155' & log to 8500'. TOH w/log tool. RU Howco & load 5 1/2" csg w/22 BBL 2% KCl wtr. Load 9 5/8" csg w/98 BBL 2% KCl wtr. Started pumping into formation @ 2 BPM @ 600 psi. Pumped 30 BBL into formation w/no communication thru squeeze perfs in 5 1/2" csg @ 9118'. RD Howco. RU Western Atlas WL truck & RIH w/Howco EZ Drill Cast Retainer & CCL to 9130' logged collar strip correlated w/GR CCL log (9155-8500'). Set cmt retainer @ 9108'. TOH w/WL & RD Western Atlas truck. Make up Howco EZ Drill Stinger - 2 3/8" SN & TIH w/2 3/8" tbg. Ran 40 stands. Shut well in & SDFN.

CTD: \$21,297

09-21-90

Finish TIH with EZ Drill Stringer & 139 stands & 1 single 2 3/8" tbg. Tag cmt retainer @ 9100'. LD 1 jt 2 3/8" tbg. Space out with 1 - 10' N-80 2 3/8" sub & 1 - 4' sub. Test 56' csg & tbg to 2000'. Unsting from cmt retainer & displace 25 sx Cl H cmt mixed @ 15.6' w/yld of 1.18 to within 2 BBL of bottom 2 3/8" tbg. Trapped 1000 psi on 5 1/2" csg & stung into retainer. Squeezed 4 BBL cmt into formation @ 3400' @ 1/4 BPM. Waited 10 min & completed squeeze to 3500 psi. Unsting from retainer. LD 1 jt tbg & reversed out 1/2 BBL cmt. TOH with 2 3/8" tbg. LD SN & stinger. RU Western Atlas WL Truck. TIH w/GR-CCL & 4' squeeze gun to 8780' & pulled GR Correlator w/CCL log to 8200'. Correlated w/GR Neutron & shot 4 hole squeeze shot @ 8600'. TOH w/WL & RD Western Atlas. RU Howco & loaded hole w/22 BBL 2% KCl. Bled down 9 5/8" csg & monitored while establishing rate of 2 1/2% BPM @ 2900 psi thru squeeze perfs. Small blow on 9 5/8". RD Howco. TIH w/Howco EZ Drill cmt retainer on 2 3/8" tbg. Ran 42 stands tbg. Shut well in & SDFN.

CTD: \$25,364