

"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'

09-22-90

Finish TIH w/tbg & Howco EZ Drill Cmt Retainer to 8570'. RU Howco & pump thru tbg. Set cmt retainer @ 8570'. Unsting from retainer. Test tbg to 2000 psi. Test csg to 2000 psi, held ok. Stung back in retainer & est rate of 2 BPM @ 3200 psi. Sting out of retainer. Mix 75 sx Cl H cmt with 5% Halad 22A & .3% CFR-3 & tail in w/75 sx Cl H Neat cmt w/.3% CFR-3 mixed @ 15.6 ppg w/yield of 1.18 & displace within 3 BBL of bottom of 2 3/8" tbg. Trapped 1000 psi on 5 1/2" csg while displacing cmt. Stung in retainer & put 31 BBL cmt in squeeze perfs @ 8600'. Max press while pumping cmt 4100 psi, avg 3500 psi @ 1 1/2 BPM. SD & staged 3 1/2 BBL @ 10 min stages to complete squeeze. Final stage @ 4100 psi. Stung out of retainer. LD 2 jts 2 3/8" tbg. Reversed out tbg. TOH with 2 3/8" tbg & LD Howco stinger. PU 4 3/4" bit, 6 - 3 1/2" x 1 1/2" DC's & 119 stands 2 3/8" tbg to 8200'. Shut well in & SDFN. WO cmt.

CTD: \$37,883

09-23-90

RU Pride's Reverse Unit. Finish TIH with 4 3/4" bit, 6 - 3 1/2" DC's, & 127 stands tbg & tag top cmt @ 8504'. Drld cmt from 8504' to 8546'. Drld cmt retainer @ 8546-48'. Drld to 8763', 228' hard cmt. Drld 40-50'/hr. Circ hole clean. Pull out 30'. Shut well in & SDFN.

CTD: \$40,323

09-24-90

Well SI 12 hrs. TP 0, 5 1/2" CP 0, 9 5/8" CP 8 psi. Started drlg cmt @ 8763' to 9065' (302'). Fell thru hard cmt. Circ 5 1/2" csg clean. SI & tested csg to 500 psi, held ok. Wash & drld cmt from 9065' to 9105' (40'). Drld Howco EZ Drill Cmt Retainer from 9105' to 9107' (2'). Drld to 9117' in cmt & fell thru. Circ csg clean. SI & tested 5 1/2" csg to 500 psi, held ok. TIH w/tbg & BHA 172 stands 2 3/8" tbg & 1 single. Tagged cmt on top CIBP @ 11,448'. PU 11,445'. RU Howco & circ down 2 7/8" tbg @ 3 1/2" BPM 2350 psi for 214 BBL of 2% KCl wtr w/oxygen scavenger & corrosion inhibitor. RD Howco. LD 27 jts 2 3/8" tbg to 10,540'. RU Howco & spot 200 gal 7 1/2% NEFe acid from 10,540' to 10,338'. Flushed w/40 BBL 2% KCl w/additives. RD Howco. TOH w/10 stands tbg. Shut well in & SDFN.

CTD: \$46,363

09-25-90

Finish TOH & LD 4 3/4" bit & 6 - 3 1/2" DC's. RU Computalog Wireline truck & full lubricator. TIH w/GR & CCL & 4" csg gun to 11,440' WL TD. GR not working right. TOH & change tool. TIH w/WL. Run GR w/CCL log. Correlate to Dresser CNL-FDC log & shoot 26 holes from 10,526-10,538', 2 JSPF, 120 deg phasing. TOH w/WL. All 26 shots fired. RD Computalog. Made up WL entry collar, 10' N-80 sub, "F" nipple w/1.81 profile, 10' N-80 sub, Baker Lockset pkr, on-off tool w/1.875 profile. TIH w/315 jts 2 3/8" AB mod tbg to 10,320.33'. Top of pkr @ 10,298.89'. RU Howco & reverse 5 BBL 2% KCl in tbg. Set pkr w/12,000# compression. ND BOP's & NU tree. Shut well in & SDFN.

CTD: \$50,991