

"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'; PBD 11,909'

Perfs: (plugged)

11,514-835'

Perfs: Strawn (plugged)

10,526-38'

Perfs: Wolfcamp

9583-873'

09-26-90

Replace rubber on wrap around. Finish NU tree. TP 400 psi, CP 0. RU Howco. Load 5 1/2" csg w/1 gal 2% KCl w/additives. Press to 500 psi. Press tbg to 4940 psi before it broke over in 500# stages. PUT 4.7 BBL acid in formation @ 0.3 BPM. Last 2 BBL went in formation @ 4900 psi @ 0.7 BPM. ISDP 4700 psi, 5 min 4190 psi, 10 min 3930 psi, 15 min 3930 psi. RD Howco. Load to rec 45 BBL. RU well to stac pac & lay line to burn pit & RU to swab. FL on 1st swab run @ surface. Made 13 swab runs. Swabbed dry on 11th run @ 10,150'. Made 3 more runs 1 hr apart w/no fluid rec. Swabbed total 53 BBL to test tank, no gas or oil rec. Shut well in & SDFN. 8 BWOL.

CTD: \$59,194

09-27-90

Well SI 14 hrs. TP 62 psi, CP 0 psi, 9 5/8" 8 psi. RU & make swab run 31 @ 9950'. RD swab. RU Howco w/isolation tool. Press 5 1/2" csg to 800 psi. Start acid down 2 3/8" tbg. Acidized @ 10,526-38', 26 holes, w/2000 gal NEFe HCl 20% w/clay stabilizer & surfactant & inhib. After 5 BBL acid gone started 60 - 1.1 sp.gr. ball sealers 5 @ a time every 3 1/2 BBL acid thru inhibitor. Caught press w/35 1/2 BBL acid in tbg. Pumped in formation @ 4700 psi @ .8 BPM. Acid on formation at 42 BBL gone. Increase rate to 2.2 BPM @ 5250 psi. Saw good ball action, 200 psi increases & breaks. Balled out w/30 ball sealers on perfs. Press to 6450 psi. Surged balls off & finished acid job @ average 2.7 BPM @ 5040 psi. Avg press 5250 psi, max press 6450 psi, avg rate 2.3 BPM, max rate 2.4 BPM. Pumped 47.6 BBL acid & 42.5 BBL 2% KCl wtr flush. ISDP 4500 psi, 5 min 4380 psi, 10 min 4350 psi, 15 min 4300 psi. Total load 90.1 BBL. RD Howco & wellhead isolation tool. Flow back 10 BBL to test tank. RU to swab. FL on 1st run @ surface. Made total of 15 runs. Acid & acid gas on 7-11th run. Swab to 10,150' on 13th run. No fluid rec on 14 & 15th run. Rec 55 BBL to test tank. 35.1 BLWTR. Shut well in & SDFN.

CTD: \$67,480

09-28-90

14 hr SITP 60 psi, CP 0, 9 5/8" = 8 psi. IFL 9600'. Swab dry after 3 swab runs. No fluid entry. Load tbg. TOH w/tbg & pkr. Set CIBP @ 10,476' on WL (Schlumberger) & cap w/35' cmt on dump bailer.

CTD: \$69,832

09-29-90

SLM in hole with 2 3/8" tbg string & Loc-set pkr to 9875'. Load hole & test csg & CIBP to 500 psi - ok. Spot 400 gal 7 1/2% NEFe HCl from 9875' to 9435'. PU to 9400'. Reverse 2 BBL. Set pkr @ 9400'. Test annulus to 500 psi - ok. NU tree. Perf lower Wolfcamp using Schlumberger 1 11/16" Enerjet, 0 deg, decentr. 1 spf as follows: 9583-87' (5 holes), 9605-13' (9 holes), 9647-54' (13 holes), 9786-99' (14 holes), 9869-73' (5 holes) on three runs. No press increase. Displace acid @ 1 BPM & 3620 psi. Finished @ 2.1 BPM & 3940 psi. SDFN. Total 48.6 BLWTR.

CTD: \$86,277