

"TIGHT HOLE"	SFE WI	: 100	% BPO	Recompletion	
SFER, INC. (SFEOP,LP)	SFE WI	: 100	% APO	Spud:	4/05/80
Max State #1 (D)	SFE NRI	: 80.25	% BPO	Rig:	Real #1
1980' FNL & 1780' FEL	SFE NRI	: 80.25	% APO	13-3/8"	@ 408'
Sec 32, T-18S, R-32E	SFE ORRI	: N/A	% BPO	8-5/8"	@ 4,281'
Tea Co., NM	SFE ORRI	: N/A	% APO	5-1/2"	@ 12,980'
Prospect:	SFE WI	: N/A	% BCP	Perfs - Sqzd	12,909-12,912'
PBTD: 12,979'	SFE WI	: N/A	% ACP	Perfs	7,232-7,244'
TD: 12,980'	SFE ACT	: 3957-001		Perfs	9,298-9,392'
	SFE AFE	: 296228			
	AFE COMP	: \$69,300			
	DHC COST	: N/A			

Operation: Bone Spring Add Pay & Possible Recompletion

5/14/97

POOH w/pmp & rods, ND WH, NU BOP. POOH w/tbg, test to 7000# above slips going in hole w/RBP. Tbg set dwn @ 7258', POOH w/40 stds tbg. RU to cut paraffin. SWI, SDFN.
CTD: \$4,993

5/15/97

Cut paraffin on 22 stds. POOH w/tbg & tools. RIH w/bit & scraper, tag up @ 7258'. Made 20' hole. Call for power swivel & rev unit. SWI, SDFN.
CTD: \$9,296

5/16/97

Drl out 120' carbonate scale, ran bit to 9400' clean. POOH w/bit & scraper, PU RBP & pkr, RIH w/60 stds of tbg. SWI, SDFN.
CTD: \$14,277

5/17/97

RIH w/RBP & pkr, set RBP @ 7308', pkr @ 7182'. Pmp into form @ 2 BPM w/1212 PSI. ISIP vac. RIH, set RBP @ 8600', test to 500 PSI, spot 250 gal 7½% HCl NeFe acid @ 8460', POOH. RIH w/GR-CCL-BL, log 8581-6600', good cmt bond, TOC @ 6774', correl open-hole log, POOH. RIH w/select fire csg gun, perf Bone Spring @ 8388', 8390', 8407', 8409', 8442', 8444', 8448', 8450', 8454', 8456', total 10 holes, no resp f/form, POOH. SDFD.
CTD: \$21,880

5/18/97

RIH w/pkr, 262 jts tbg, EOT @ 8267'. Pmp 50 bbl 2% dwn csg, did not circ, set pkr, kill truck pmp 1 BPM dwn csg. BJ pmp 4.6 bbl dwn tbg, caught PSI, form brk @ 2150#, pmp 3 bbl @ 3 BPM. ISIP 1900, 15 mins SITP 1330. Open bypass, spot acid 3 bbl above pkr, close bypass, load csg, pmp ½ BPM @ 350#. Acids Bone Spring dwn tbg w/5000 gal 7½% HCl, NeFe & (25) 1.3 SG BS evenly spaced - had good ball action, balled out w/16 balls on, surged balls, resumed job. ISIP 2220, 15 mins SI press 1860, Max TP 5000#, Avg TP 3200#, Avg BPM 3.0, SWI 1 hr, TP 1200, open to TT. Flowback 4 bbl, RU swab, IFL surf, made 10 runs, rec 38 bbl, last 2 runs 1% oil cut, rec 42 bbl total. BLTR 171. SDFD. SD until Monday.
CTD: \$32,912

5/20/97

SITP 360#; csg 0#. Blow well dwn. IFL 2400'. Made 8 swab runs, swabbed to SN. Made hrly runs w/600' fluid entry. Made 14 total swab runs, rec 25 BW, 8 BO. TLLTR 146. SWI.
CTD: \$35,065

5/21/97

POOH w/ RBP, ball catcher, packer, & 2-3/8" tbg. Laying down on racks. SWI. SDFN.
CTD: \$37,638

5/22/97

Unload 306 jts of 2-7/8" L-80 tbg onto pipe racks from ICO, Inc. Tested to 10,000#. RIH w/RBP, set @ 8593'. RIH w/pkr & 265 jts, set @ 8284', test RBP to 500#. SWI, SDFN.
CTD: \$68,147

5/23/97

SITP 10#. IFL 1800', made 10 swab runs & swabbed dry. Recovered 31 BW & 5 BO. RU BJ to frac Bone Spring interval 8388'-8456' (10 holes) w/ 126,100# 20/40 mesh at 5710 psi/min, max press 6700 psi, Avg press 5860#. Avg inj rate 24 BPM. ISDP 2250#, force closure at 1950#. RD BJ & NU wellhead for flow back. 2 hr. SITP 1720 psi. Open well on 15/64" choke flowing to frac tank. Well returning lots of sand. At 6:00 a.m. well on 15/64" choke, FTP 180#, well still producing some sand. Recovered a total of 154 bbls gel water. Load backside w/ 60 bbls 2% Kcl maintain 850# w/ .5 BPM pump in rate during job. BLTR 887.
CTD: \$108,890