

ATTACHMENT - SANTA FE "E" # 2

Drill Stem Test Continued

No.	Date	From	To	No. Kind & Size Of Perforations (Or Open Hole)	Tool Set @	Chokes Top Bottom	Water Cushion	Time Tested
15	5-26-56	12175	12188	Open Hole	12175	5/8" 1"	2160'	1 Hr.
(Devonian) NTS, Rec 2160' WC + 10' drlg mud, no shows, SFP 0#, BHFP 905-905#, 15 min SIP 4310#, HH 5945-5765.								
16	5-28-56	12175	12208	Open Hole	12175	5/8" 1"	2160'	3 Hrs.
(Devonian) NTS, Rec. WC + 185' very slightly gas cut drlg mud, no oil or water, tool plugged w/shale, SFP 0#, BHFP 4825#, 30 min SIP 4825#.								
17	5-29-56	12175	12208	Open Hole	12175	5/8" 1"	2160'	3 Hrs & 21 min.
(Devonian) NTS, rec WC + 900' mud cut salt water + 7650' salt water, SFP 0#, BHFP 4858#, 30 min SIP 5030#, HH 6100-6080.								

Acidizing or other Completion Operation

- 6-7-56 Cardinal washed perf. w/500 gals. 15% Reg. acid, 2 hrs & 40 min, 5 BPM, TP 50-850#. Washed by perf. 6 times & reversed out, no acid in form. Swbd. 44 BLO (all) in 11 hrs., Swbd dry 1 hr, no show.
- 6-8-56 Howco. sand oil frac. perf. w/5000 gals. oil + 1250# sand, 67 min, 3.2 BPM, TP 7000-8000#, S/D pres. 5800#, SI 5 min 5500#, 8 hrs, TP 1900#. Flowed 15 BNO in 6 hrs. 11/64" choke. TP 25#, Swbd. 167 BLO, 81 hrs. Slight show to slight increase in gas. Did not recover 94 BLO.
- 6-13-56 Howco. Re-Sand oil frac. perf. w/10,000 gals. + 25,000# sand, 1 hr & 47 mins. 2.9 BPM, TP 7800-8600, S/D pres. 5800#, SI 8 hrs, TP 2900#, Flowed 24 BLO in 3 hrs. 3/4" choke & died. Swbd. 104 BLO in 37 hrs. Did not recover 278 BLO. S/O 5/10 of 1% Sand.
- 6-17-56 Chemical Process acidized perf. w/500 gals. 15% Reg, time 4 mins, rate 3 BPM, TP 100-Vac. Pan Swab 500 FIH, Swbd. 15 BNO, 4 hrs, dry 8 hrs. Did not recover 26 BLO + 12 BAW, no gas, no FIH.
- 6-18-56 Chemical Process Re-acidized w/4000 gals. 15% Reg, time 24 mins, Rate 4 BPM, TP Vac., Ran Swab. 250' FIH, Swbd. 9 BLO, 8 Hrs., Dry 16 Hrs. No shows. Did not recover 54 BLO + 108 BAW.