

ATTACHMENT - Santa Fe Pacific "E" #2

EASTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>
145	1/4	7866	1	10821	1/4
242	3/4	8109	3/4	10832	1/4
342	1-1/2	8242	3/4	10957	1/2
400	3/4	8331	1/2	11092	1-3/4
820	3/4	8367	1/2	11185	4-1/4
1050	1/4	8591	3/4	11219	4
1300	3/4	8591	3/4	11248	4
1480	1	8691	1/4	11309	3-3/4
1775	3/4	8794	1/2	11352	3-3/4
2165	7/8	8878	1/2	11437	2-3/4
2597	1-1/4	9138	2	11495	2-3/4
2820	1/2	9190	1-3/4	11550	2-3/4
2957	1/4	9261	1-3/4	11650	3-1/4
3250	1/2	9394	1-1/4	11695	3-1/2
3360	3/4	9475	1	11720	3
3656	1	9554	1	11747	3-1/2
4153	3/4	9770	2-1/4	11790	4
4280	3/4	9836	2	11826	4-1/2
4406	1/2	9970	1-1/8	11877	5-1/2
4520	1/2	10150	1	11898	5-3/4
4681	1	10260	1	11945	6
5838	1/4	10371	3/4	11979	6
6286	1/4	10504	3/4	12120	6-1/2
6492	1/4	10637	1/4	12138	6-1/2
7387	1/4	10721	1/4	12166	7
7748	1				

CORE RECORD

<u>No.</u>	<u>Top</u>	<u>Bottom</u>	<u>Rec.</u>	<u>Description</u>
1 (Bough "C")	9650	9705	55'	9650-9679 1/2 - 29 1/2' lime & shale, no show. 9679 1/2 - 9682 - 2 1/2' - trace to 20% vuggy to ph porosity - good stain - lt. blue to yellow flo - good cut - no odor. 9682-9705 - 23' lime & shale - no show.
2	12194	12221	3'	Cut 27' - recovered 3' fras dolo. w/trace seat. pp pero., poor show of blue white flo, trace stain - poor show.
3	12221	12226	1 1/2'	Cut 5' - recovered 1 1/2' dolomite, no show + cl junk.
4	12226	12231	5'	12226-12227 - 1' dolomite, trace small vuggy pero., good odor. 12227-12228 - 1' dolomite, no show. 12228-12229 - 1' dolomite w/trace small vuggy pero., good odor, 2' lost.

DRILL STEM TESTS

<u>No.</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>No., Kind & Size or Open Hole</u>	<u>Tool Set @</u>	<u>Choke Top Bottom</u>	<u>Water Cushion</u>	<u>Time Tested</u>
1	9-8-57	9677	9705	Open Hole	9677	5/8" 1"	None	1 hr.
	(Bough "C") Recovered 540' of drlg. mud. W.S. - SFP 0#, BHFP 55-333# - 30 minutes. SIP 2630# - HH 5310-5285.							
2	9-9-57	9668	9705	Open Hole	9668	5/8" 1"	None	1 1/2 hrs.
	(Bough "C") Recovered 100' drlg. mud - no show - SFP 0# - BHFP 65 - 30 min. SIP 165# - HH 5340-5310.							
3	10-5-57	11395	11495	Open Hole	11395	5/8" 1"	None	1 hr.
	(Penn Sand) Nothing to surface. Recovered 50' drlg. mud - no show. SFP 0#, Bottom Hole flowing pressure 145-145 - 30 mins. SIP 145# - Hydrostatic Head 5990-5970.							

(Continued)

