

Arpott-Ramsay "E" #4

DEVIATION - TOTCO SURVEY

<u>DEPTH</u>	<u>DEGREE OFF</u>
200	0
442	0
1350	1/4
1590	0
2025	1/2
2245	1-3/4
2290	2-1/4
2400	2-1/4
2500	2-1/4
2560	2-3/4
2580	2-1/2
2640	2-3/4
2750	2-1/4
2800	2
2990	1-1/4
3150	0

DRILL STEM TESTS

No. 1, 5-12-53 - Mis-Run

No. 2, 5-13-53 - 1 hour Johnston DST from 2883-3008' with 5/8" choke at 2857' Packers at 2875' and 2883' - Bombs at 3006' and 3004' - Tool opened 9:15 AM 5-13-53 - Used no blanket - Light blow at start of test to dead at end of test. Gas to surface 34 min. Too small to measure - No fluid to surface. Recovered 250' slightly gas cut drilling mud. HP 1700-1725#. FP 250-275#. No BWP.

No. 3, 5-15-53 - 1 hour 45 min. Johnston DST from 3025-3150' with 5/8" choke at 3000' - Packers at 3016' and 3025' Bombs 3146' and 3148' - Tool opened 5:30 AM 5-15-53 - No blanket - Fair blow at start of test. Gas to surface in 4 min. 24 hr. rate 993,300 cu. ft. No oil or water to surface. Recovered 300' drilling mud cut with water with strong sulphur odor. HP 1750# FP 575#-700# 15 min. BU 775#.

No. 4, 5-18-53 - 1 hour Johnston DST from 3148-3275' with 5/8" choke at 3123' Packers at 3140' & 3148' - Bombs 3271' & 3273' - Tool opened 12:55 AM 5-18-53 - Weak blow air 20 min. dead 40 min. Recovered 50' slightly gas cut drilling mud. No show. HP 1800#. FP 0#. 15 min. BWP 0#

No. 5, 5-20-53 - 1 Hour Johnston DST from 3275-3400' with 5/8" choke at 3252' Packers at 3268' and 3275'. Bombs at 3396' and 3398'. Tool opened 8:55 PM 5-20-53. Weak blow 10 min. Dead 50 min. Recovered 25' slightly gas cut drilling mud. No water or oil. HP 1830#. FP 0# 15 min. BWP 0#.