

DEVIATION - TOTCO SURVEYS

<u>DEPTH</u>	<u>DEG. OFF</u>	<u>DEPTH</u>	<u>DEG. OFF</u>	<u>DEPTH</u>	<u>DEG. OFF</u>
425	3/4	5390	3/4	7180	2-1/4
700	1/2	5645	3/4	7220	2-3/4
945	3/4	5750	1/4	7265	2-3/4
1200	3/4	5835	3/4	7295	2-3/4
1625	1-1/2	5927	1	7300	2-3/4
1802	1-1/2	5985	1	7334	2-1/4
2180	1-1/2	6030	1-1/4	7350	2-1/4
2240	1-3/4	6075	1-1/4	7365	2
2360	2	6170	1-1/4	7380	2-1/4
2416	1-3/4	6135	1	7399	2
2610	1-1/4	6195	1	7410	2
2892	1-1/4	6276	1-3/4	7428	2
3137	3/4	6330	1-3/4	7440	4
3265	1	6399	1-1/2	7459	4-1/4
3475	3/4	6421	1-1/4	7460	5-1/4
3673	1/2	6545	1-1/4	7466	5-1/4
3900	1/2	6630	1-3/4	7473	5-1/2
4075	1/4	6737	2	7486	5-3/4
4120	1/4	6765	2	7500	7
4300	1/4	6850	2	7520	5-1/4
4450	1/4	6898	2	7545	5-1/2
4615	1/2	6985	2	7590	4-3/4
4800	1/2	7050	2	7620	4-3/4
5140	1-1/4	7100	2	7658	5
5240	1	7120	1-1/2	7666	4-3/4
5300	1				

DRILL STEM TESTS

No. 1, 9-14-53 - 2-3/4 Hour Halliburton Drill Stem Test from 7550-7425' with 5/8" choke at 7402' - Packers at 7425' and 7417' - Bombs at 7549' and 7406' - Tool opened 8: AM 9-14-53 - Good blow immediately, gas to surface in 8 minutes, 24 hour rate 828,400 cu. ft. - Mud to surface in 30 minutes, oil in 45 minutes - Flowed 138 bbls 38.5 gravity clean oil and no water 2 hours - Reversed out 63 bbls - Hydrostatic Pressure 3505# - Flowing Pressure 305-2250# 15 minute BU 3015#.

No. 2, 9-16-53 - 2-1/2 Hour Halliburton Drill Stem Test from 7625-7550' with 5/8" choke at 7520' - Packers at 7550' and 7542' - Bombs at 7624' and 7525' - Tool opened 8:55 AM 9-16-53 - Gas to surface in 10 minutes, 24 hour rate 1,312,000 cu ft. - Mud in 2 hours - Recovered 1/2 bbls oil and no water below two-way circulating valve - Reversed out 68 bbls oil, no water - Hydrostatic Pressure 3505# - Flowing Pressure 990-2630# - 15 Minute BU 3015#.

