

### Deviation - Totco Surveys

225'	Off	1/2	Deg.	3566'	Off	1/4	Deg.
550'	"	1/2	"	3566'	"	3/4	"
1065	"	1/2	"	3780	"	1/2	"
1340	"	1/2	"	3990	"	1/4	"
1600	"	1/2	"	4510	"	3/4	"
1960	"	1-1/4	"	5490	"	3/4	"
2250	"	1-1/4	"	5891	"	3/4	"
2670	"	1-1/4	"	6230	"	3/4	"
2820	"	3/4	"	6694	"	1/4	"
2940	"	3/4	"	7090	"	1/4	"
3250	"	1/4	"	7372	"	1	"

### Drill Stem Tests

No. 1 - 4-18-52 - 1 Hour Halliburton Drill Stem Test 5760 - 5924 with 5/8" choke at 5731' - Used 2 packers at 5751' and 5760' - Bombs at 5733' and 5921' - Tool opened at 3:30 PM 4-18-52 - No gas to surface - Good blow of air start first 15 minutes of test and decreased to light blow - Recovered 810' fluid, 720' water, 90' clean oil - Hydrostatic Pressure 2700# - Flowing 400# - 15 Minute BHP 900#.

No. 2 - 4-25-52 - 1 Hour Halliburton Drill Stem Test 7020 - 7137' with 5/8" choke at 6989' - Used 2 packers at 7012' and 7020' - Bombs at 6985' and 7136' - Tool opened 8:10 PM 4-25-52 - No gas to surface, medium blow of air for 20 minutes and decreased to very weak blow at end of test - Recovered 70' drilling mud, no show oil or gas - Hydrostatic Pressure 3270# - Flowing Pressure 45# - 15 Minute BHP 195#.

No. 3 - 4-27-52 - 1 Hour Halliburton Drill Stem Test 7137' - 7270' with 5/8" choke at 7107' - Used 2 packers at 7130' and 7137' - Bombs at 7112' and 7268' - Tool opened at 8:30 PM 4-27-52 - No gas to surface - Medium blow of air throughout test - Recovered 800' drilling mud, no show oil, gas or water - Hydrostatic Pressure 3340# - Flowing Pressure 75# - 15 Minute BHP 0#.

No. 4 - 5-2-52 - 1 Hour Halliburton Drill Stem Test 7430 - 7555' with 5/8" choke at 7398' - Used 2 packers at 7422' and 7430' - Bombs at 7404' and 7552' - Tool opened 8:55 AM 5-2-52 - No gas to surface, weak blow of air for 15 minutes and dead remainder of test - Recovered 105' drilling mud, no show oil, gas or water - Hydrostatic Pressure 3480# - Flowing Pressure 0-30# - 15 Minute BHP 48#.

