

HALSTEAD M. TOWNSEND
CONSULTING GEOLOGIST

DENVER 6, COLORADO

DRILLER'S LOG

99999999

API 123 05637

0 - 257	Shale and shells
257 - 5162	Shale
5162 - 5188	Shale and chalk
5188 - 5200	Sand
5200 - 5493	Shale
5493 - 5557	Shale and lime
5557 - 5677	Shale
5677 - 5680	Sand
5680 - 5682	Shale
5682 - 5690	Sand
5690 - 5742	Shale
5742 - 5758	Sand, shale and lime
5758 - 5762	Shale
5762 - 5766	Sand
5766 - 5771	Sandy shale
5771 - 5772	Sand
5772 - 5774	Sandys shale
5774 - 5779	Shale
5779 - 5781	Shale, slightly sandy
5781 - 5790	Sand
5790 - 5882	Sand and shale
5882 - 5926	Sand, shale and lime
5926 - 5970	Sandy shale
5970 - 5971	Sand and shale
5971 - 6018	Shale
6018 - 6042	Sandy shale



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BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>Condition</u>	<u>Depth</u>	<u>Footage</u>
1	Hughes	9"	OSC-3	New	257 - 2635	2378
2	"	8 3/4"	"	"	2635 - 3281	646
3	"	"	"	"	3281 - 4108	827
4	"	"	"	"	4108 - 4803	695
5	"	"	OSC	"	4803 - 5207	404
6	"	"	"	"	5207 - 5675	363
7	"	"	"	"	5690 - 5746	156
8	"	"	OW	"	5746 - 5758	12
9	"	"	"	"	5790 - 5825	35
10	"	"	OWV	"	5825 - 5875	50
11	"	"	W7	"	5875 - 5970	95
12	"	"	W7	"	5970 - 6042	72

CORE RECORD

1	Truco	77/8"	C	Used	5675 - 5682	7
2	"	"	"	"	5682 - 5690	8
3	"	"	"	"	5758 - 5771	13
4	"	"	"	"	5771 - 5779	8
5	"	"	"	"	5779 - 5790	11