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DST DESCRIPTION: TODD FEDERAL "14" NO. 1

O. C. C.
ARTESIA, OFFICE

No. 1 - 10,780'-11,152', Recovered 432' of 41.6° gravity oil, 615' drilling water. 60 min. ISIP-4712#, IFP-131#, 60 min. FFP-197#, 120 min. FSIP-4712#.

Probe
T.H.F. 14
No. 2 - 13,700'-13,940', GTS 12 min. TSTM, Recovered 510' GCDM. 60 min. ISIP-1342#, IFP-291#, 120 min. FFP-291#, 6 hr. FSIP-2373#.

Upper zone
No. 3 - 14,016'-14,067', GTS 105 min., gas volume from 5.3 MMCFD to 1.2 MMCFD. 90 min. ISIP-8682#, IFP-3078#, 210 min. FFP-918#, 240 min. FSIP-8747#.

Lower zone
No. 4 - 14,710'-14,810', GTS 32 min., gas volume from 14 MMCFD to 1.2 MMCFD. 60 min. ISIP-6514#, IFP-2921#, 180 min. FFP-1974#, 4 hr. FSIP-6091#.

No. 5 - 14,835'-14,985', Packer failed.

No. 6 - 14,855'-14,985', Recovered 7000' WB & 300' drlg mud. No shows. 2 hr. ISIP-5693#, IFP-3438#, 1 hr. FFP 3438#, 3 hr. FSIP-5431#.

No. 7 - 16,500'-16,550', Recovered 3820' of slightly gas cut sulfur water. 60 min. ISIP-2658#, IFP-935#, 60 min. FFP-1965#, 90 min. FSIP-2302#.

There is definite indication that when this well is shut in, very little gas will be produced from the upper zone into the lower zone.

Roy K. Valla
12-15-70