

CORE LABORATORIES

TEXACO INC.
 FEDERAL NEFF "13" NO. 2
 1980' FNL & 660' FEL, SEC. 13, T-22-S, R-31-E
 EDDY COUNTY, NEW MEXICO

Field : LIVINGSTON RIDGE FIELD
 Formation : DELAWARE CHERRY CANYON
 Coring Fluid : FRESH WATER GEL MUD
 Elevation : 3626' KB

File No.: 57181-15898
 Date : 9-23-89
 API No. : 30-015-26165
 Analysts: OLSON

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY		POROSITY (HELIUM) %	SATURATION		GRAIN DENSITY gm/cc	DESCRIPTION
		(MAXIMUM) K _{air} md	(90 DEG) K _{air} md		(PORE VOLUME) OIL %	WATER %		

CORE NO. 1 7145-7175 CUT 30' REC 30'

1	7145.0- 57.0	0.05	0.03	9.1	0.0	86.7	2.66	NA Sd slty sh lam
2	7157.0- 58.0	0.02	0.02	8.2	0.0	87.3	2.65	Sd shy
3	7158.0- 59.0	11.0	11.0	18.2	12.2	49.6	2.63	Sd v shy
4	7159.0- 60.0	2.50	2.40	14.1	12.5	45.3	2.66	Sd
5	7160.0- 61.0	1.00	0.99	12.4	6.9	65.1	2.67	Sd
6	7161.0- 62.0	0.88	0.83	11.6	5.2	67.5	2.68	Sd
7	7162.0- 63.0	3.50	3.50	14.8	13.8	45.4	2.66	Sd
8	7163.0- 64.0	6.70	6.50	17.6	13.6	50.4	2.64	Sd
9	7164.0- 65.0	33.0	33.0	20.6	10.6	48.8	2.64	Sd
10	7165.0- 66.0	1.00	0.98	8.2	13.7	70.1	2.65	Sd v shy sh lam
11	7166.0- 67.0	1.10	1.00	10.3	8.9	64.4	2.66	Sd shy sh lam
12	7167.0- 68.0	0.79	0.73	10.6	7.5	65.0	2.65	Sd
13	7168.0- 69.0	0.75	0.67	10.0	0.0	80.9	2.66	Sd F
14	7169.0- 70.0	0.35	0.29	9.2	0.0	79.4	2.68	Sd
15	7170.0- 71.0	1.20	1.20	11.6	11.0	49.1	2.66	Sd
16	7171.0- 72.0	0.43	0.43	10.3	3.0	73.1	2.69	Sd
17	7172.0- 73.0	0.62	0.61	10.0	1.6	77.9	2.67	Sd
	7173.0- 74.0							NA Rubble
	7174.0- 75.0							

CORE NO. 2 7175-7205 CUT 30' REC 30'

7175.0- 05.0

NA Sd v slty sh lam