

Arco Oil & Gas
Langley-Meyers #1 Well
Lea County, New Mexico

Field: Deep Langley

Laboratory: Midland, Texas
File No: 10150341
Date: 9-5-85
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FULL DIAMETER CORE ANALYSIS

SMP. NO.	DEPTH FEET	PERMEABILITY MAX.	TO AIR 90°	POROSITY PERCENT	SATURATION WTR	OIL	GRAIN DENSITY	LITHOLOGY	FLUORESCENCE
28	9386.0-87.0	.48	.42	0.8	29.0	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
29	9387.0-88.0	.28	.27	0.5	45.8	0.0	2.68	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
30	9388.0-89.0	.46	.39	0.5	37.4	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
31	9389.0-90.0	.37	.31	0.7	68.1	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
32	9390.0-91.0	.25	.02	0.5	36.3	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
33	9391.0-92.0	.65	.30	0.5	53.2	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
34	9392.0-93.0	.58	.48	0.8	29.3	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
35	9393.0-94.0	.37	.35	0.5	26.5	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY	MINERAL
36	9394.0-95.0	.40	.38	0.4	55.2	TR	2.70	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
37	9395.0-96.0	.09	.05	0.6	37.0	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
38	9396.0-97.0	.15	.02	0.8	24.2	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
39	9397.0-98.0	.10	.09	0.7	54.1	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
40	9398.0-99.0	.34	.23	0.7	30.7	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
41	9399.0-00.0	.25	.08	0.1	23.4	0.0	2.70	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
42	9400.0-01.0	.92	.82	0.5	24.3	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
43	9401.0-02.0	.09	.06	0.5	29.7	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
44	9402.0-03.0	.11	.11	0.3	35.1	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
45	9403.0-04.0	.38	.30	0.6	32.7	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
46	9404.0-05.0	.24	.18	0.3	10.8	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
47	9405.0-06.0	.67	.54	0.7	12.4	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
48	9406.0-07.0	1.2	.97	0.9	18.3	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
49	9407.0-08.0	.50	.06	0.3	25.0	0.0	2.71	LS, LTGY, VFXLN, VTFRAC, STY, FOSS	MINERAL
50	9408.0-09.0	.40	.37	0.4	63.5	0.0	2.71	LS, GT, VFXLN, S/P, FOSS	MINERAL
51	9409.0-10.0	.05	.04	0.3	61.0	0.0	2.70	LS, GT, VFXLN, S/P, FOSS	MINERAL
52	9410.0-11.0	.06	.06	0.4	19.0	0.0	2.71	LS, LTGY, VFXLN, VTFRAC	MINERAL