

CORE LABORATORIES

ARCO OIL & GAS COMPANY
 LANGLEY BOREN NO. 2
 330' FNL & 660' FEL, SEC. 20, T-22-S, R-36-E
 LEA COUNTY, NEW MEXICO

Field : LANGLEY STRAWN FIELD
 Formation : STRAWN
 Coring Fluid : POLYMER MUD
 Elevation : 3555' KB

File No.: 57181-15696
 Date : 10-13-88
 API No. :
 Analysts: REINHEIMER

C O R E A N A L Y S I S R E S U L T S

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

CORE NO. 1 9167-9172 CUT 5' REC 5'

1	9167.0- 68.0	2.10	1.80	4.8	5.4	89.2	2.65	Cht sli lim vf f
2	9168.0- 69.0	1.00	0.37	4.4	4.9	36.6	2.68	lim v cht F vf
3	9169.0- 70.0	1.10	0.73	1.5	0.0	62.5	2.71	lim sli cht F vf sty]
4	9170.0- 71.0	0.60	0.60	0.6	0.0	66.7	2.65	lim v cht sli shy vf f sh lam
5	9171.0- 72.0	<.01		0.4	0.0	80.0	2.71	lim v cht F vf sh lam

CORE NO. 2 9172-9214 CUT 42' REC 31'

6	9172.0- 73.0	0.05		0.7	0.0	83.3	2.69	lim v cht vf f
7	9173.0- 74.0	0.33	0.27	1.2	0.0	66.7	2.70	lim sli cht F vf
8	9174.0- 75.0	6.30	3.30	1.6	0.0	91.7	2.68	lim v cht vf f
9	9175.0- 76.0	0.29	0.11	1.4	0.0	93.3	2.68	lim cht vf f foss
10	9176.0- 77.0	0.05	0.05	3.2	4.4	64.4	2.67	lim cht f sli vug foss
11	9177.0- 78.0	1251.	0.95	4.2	3.4	42.4	2.69	lim cht f vug foss
12	9178.0- 79.0	0.36	0.28	3.7	3.8	48.1	2.69	lim cht vf f vug foss
13	9179.0- 80.0	0.09	0.09	2.8	10.0	55.0	2.69	lim cht F vf vug foss
14	9180.0- 81.0	3.00	3.00	4.4	6.2	32.3	2.69	lim cht LF vf sli vug foss
15	9181.0- 82.0	3.20	0.04	3.6	2.8	21.1	2.72	lim cht F vf vug foss
16	9182.0- 83.0	148.	0.16	3.7	6.8	18.6	2.71	lim cht vf vug foss sty]
17	9183.0- 84.0	3.80	1.20	4.3	12.1	18.2	2.71	lim sli cht vf vug foss sty]
18	9184.0- 85.0	2.70	2.60	3.8	3.6	25.0	2.70	lim sli cht F vf vug foss
19	9185.0- 86.0	0.30	0.25	3.5	7.4	22.2	2.71	lim sli cht vf f vug foss
20	9186.0- 87.0	0.44	0.30	0.9	0.0	75.0	2.71	lim sli cht vf f foss sty]
21	9187.0- 88.0	0.47	0.22	0.7	0.0	83.3	2.70	lim sli cht vf f foss sty]
22	9188.0- 89.0	0.16	0.14	0.8	0.0	87.5	2.70	lim sli cht f foss sty]