

CORE LABORATORIES, INC.

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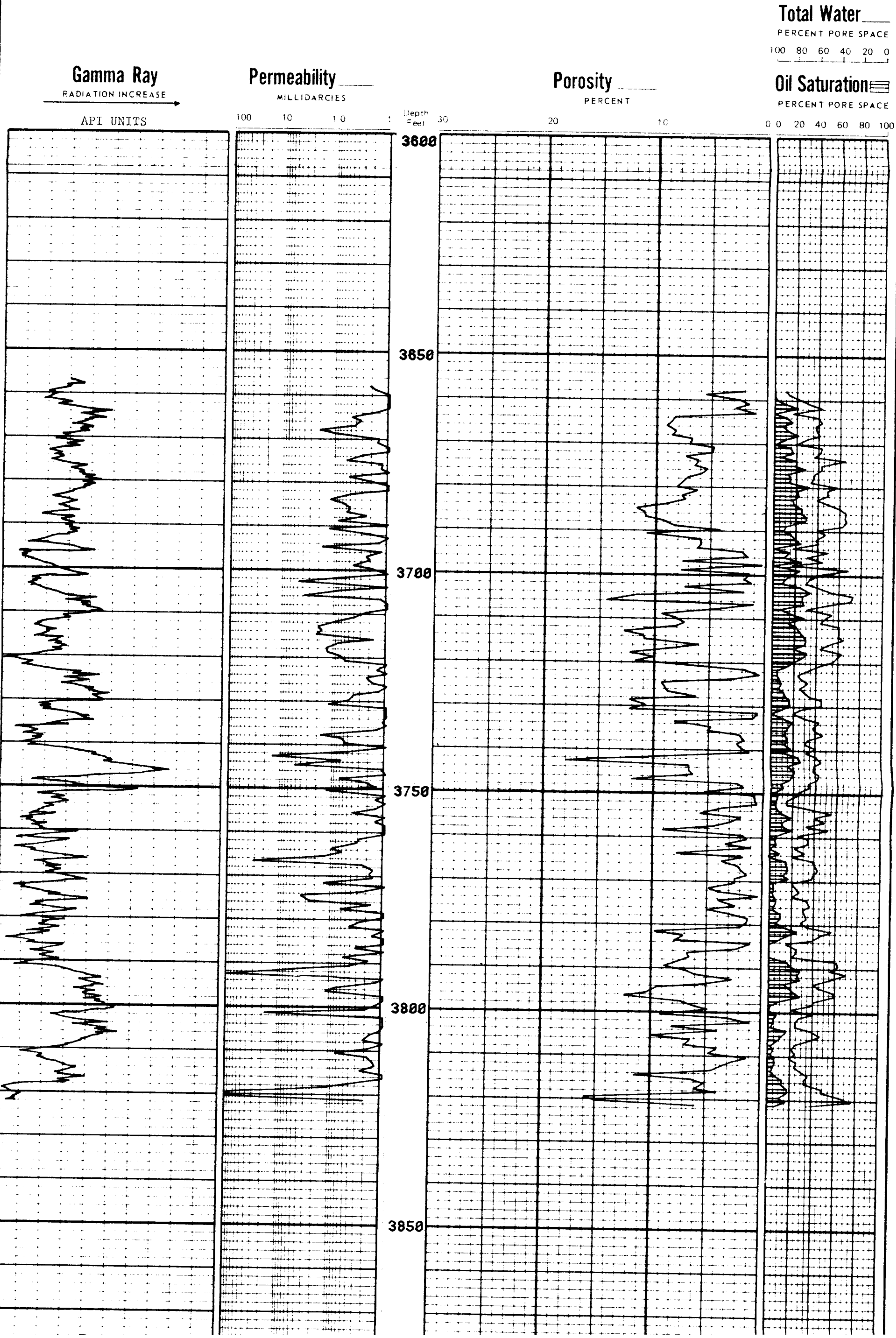
Petroleum Reservoir Engineering

COMPANY	ARCO OIL & GAS COMPANY	FILE NO.	3202-12610
WELL	SEVEN RIVERS-QUEEN UNIT NO. 57	DATE	10-25-81
FIELD	SOUTH EUNICE SEVEN RIVERS-QUEEN	FORMATION	QUEEN
COUNTY	LEA COUNTY	STATE	NEW MEXICO
		DRLG. FLD.	HEC MUD W/DRISPAC
LOCATION	1500' FSL & 10' FEL, SEC. 34, T-22-S, E-36-E		
		ELEV	
		CORES	CHRISTENSEN

CORRELATION COREGRAPH

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VERTICAL SCALE IN FEET



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

ARCO OIL & GAS COMPANY

SEVEN RIVERS-QUEEN UNIT NO. 57
S EUNICE SEVEN RIVERS-QUEEN FD
LEA COUNTY, NEW MEXICO

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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ARCO OIL & GAS COMPANY
SEVEN RIVERS-QUEEN UNIT NO. 57
S EUNICE SEVEN RIVERS-QUEEN FD DRLG. FLUID: HEC MUD W/DRISPAC
LEA COUNTY, NEW MEXICO

DATE : 10-25-81
FORMATION : QUEEN
LOCATION : 1500' FSL & 10' FEL, SEC. 34, T-22-S, R-36-E

FILE NO : 3202-12610
ANALYSTS : DEVIER
LABORATORY: MIDLAND TEXAS

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE FOR	OILZ WTRZ PORE PORE	GRAIN DEN	DESCRIPTION
CORE NO. 1 3657.0-3712.0 CUT 55' REC 58'							
1	3657.0-58.0	0.22	0.05	2.1	0.0 88.5	2.70	DOL SHY SHLAM STY
2	3658.0-59.0	0.17	0.17	5.6	0.0 86.4	2.67	DOL SDY SL/SHY STY
3	3659.0-60.0	0.02	0.02	2.4	3.4 75.3	2.73	DOL SL/SDY STY
4	3660.0-61.0	0.03	0.01	1.6	10.5 66.8	2.70	DOL SHY SL/SDY SHLAM
5	3661.0-62.0	0.04	0.02	2.9	21.1 56.1	2.73	DOL SL/SHY SL/SDY SHLAM STY
6	3662.0-63.0	0.05	0.03	1.0	0.0 82.8	2.71	DOL SHY SHLAM STY
7	3663.0-64.0	0.16	0.11	8.4	11.6 59.7	2.67	DOL V/SHY SL/SDY SHLAM STY
8	3664.0-65.0	0.49	0.33	8.7	17.1 56.2	2.66	SD V/SHY SL/DOLC SHLAM STY
9	3665.0-66.0	0.33	0.28	9.1	8.0 62.0	2.69	SD SL/DOLC STY
10	3666.0-67.0	0.44	0.38	8.3	13.2 60.5	2.64	SD SL/DOLC STY
11	3667.0-68.0	2.0	1.6	8.6	21.9 58.3	2.68	DOL SDY SL/SHY SHLAM STY
12	3668.0-69.0	1.0	0.92	6.8	10.7 69.8	2.66	SD DOLC SHY SHLAM STY
13	3669.0-70.0	0.14	0.10	7.0	0.0 80.2	2.66	SD SL/DOLC SL/SHY SHLAM STY
14	3670.0-71.0	0.15	0.08	4.8	15.3 56.9	2.70	SD DOLC STY
15	3671.0-72.0	0.05	0.05	5.0	17.6 58.6	2.64	SD SL/DOLC STY
16	3672.0-73.0	0.10	0.07	7.3	6.6 63.8	2.65	SD SL/DOLC SL/SHY STY
17	3673.0-74.0	0.30	0.25	6.2	20.7 35.5	2.68	SD SL/DOLC
18	3674.0-75.0	0.59	0.47	6.5	19.2 57.6	2.65	SD SL/SHY STY
19	3675.0-76.0	0.12	0.10	5.4	28.4 56.9	2.67	SD SHY STY
20	3676.0-77.0	0.13	0.13	5.9	13.5 63.3	2.70	DOL SDY SL/SHY F SHLAM STY
21	3677.0-78.0	0.09	0.09	7.2	15.2 64.0	2.67	SD SL/DOLC SL/SHY SHLAM STY
22	3678.0-79.0	0.54	0.39	7.7	13.3 66.4	2.66	SD SL/DOLC SL/SHY SHLAM STY
23	3679.0-80.0	0.19	0.18	8.1	32.0 42.6	2.66	SD SL/DOLC SL/F
24	3680.0-81.0	0.05	0.05	6.3	21.5 51.8	2.65	SD SHY SL/DOLC STY

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

FILE NO : 3202-12610
 ANALYSTS : DEVIER

ARCO OIL & GAS COMPANY DATE : 10-25-81
 SEVEN RIVERS-QUEEN UNIT NO. 57 FORMATION : QUEEN

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
25	3681.0-82.0	0.07	0.04	7.7	23.2	51.9	2.64	SD SL/DOLC
26	3682.0-83.0	0.50	0.44	7.3	18.2	60.7	2.66	SD STY
27	3683.0-84.0	1.2	1.2	9.3	19.3	48.1	2.65	SD SL/F
28	3684.0-85.0	0.67	0.64	11.8	26.4	39.0	2.62	SD
29	3685.0-86.0	0.52	0.50	11.1	25.4	33.9	2.63	SD
30	3686.0-87.0	0.57	0.52	10.9	31.1	35.0	2.63	SD
31	3687.0-88.0	0.24	0.17	9.3	29.1	33.0	2.64	SD
32	3688.0-89.0	0.85	0.09	8.3	11.0	37.7	2.73	SD SL/DOLC SL/SHY SHLAM STY
33	3689.0-90.0	0.06	0.06	4.2	9.1	60.2	2.67	DOL SDY SL/SHY
34	3690.0-91.0	1.3	1.3	10.9	15.6	53.4	2.63	SD SL/DOLC
35	3691.0-92.0	0.21	0.12	5.9	20.1	61.3	2.61	SD DOLC SHY
36	3692.0-93.0	0.09	0.09	5.8	25.3	59.1	2.65	SD SHY SL/DOLC
37	3693.0-94.0	0.14	0.14	6.3	0.0	81.5	2.59	SD SHY SL/DOLC
38	3694.0-95.0	1.7	0.28	2.1	14.7	50.5	2.77	DOL SL/SDY SL/SHY VF STY
39	3695.0-96.0	0.12	0.06	1.6	10.1	68.8	2.76	DOL SL/SDY PF
40	3696.0-97.0	0.24	0.18	7.6	24.9	55.3	2.70	SH DOLC SL/SDY SHLAM STY
41	3697.0-98.0	0.20	0.12	0.3	0.0	83.3	2.79	DOL FOSS
42	3698.0-99.0	0.44	0.27	7.7	24.2	30.0	2.78	DOL SL/LMY VF STY
43	3699.0-0.0	0.18	0.15	1.5	17.5	61.3	2.79	DOL VF STY
44	3700.0-1.0	0.06	0.06	1.9	11.1	66.7	2.82	DOL VF PF SHLAM STY
45	3701.0-2.0	0.75	0.68	1.3	7.9	69.8	2.75	DOL SL/SDY VF
46	3702.0-3.0	4.8	2.5	7.3	25.6	58.6	2.65	SD SL/DOLC F STY
47	3703.0-4.0	0.05	0.05	1.9	34.0	45.3	2.79	DOL VF STY
48	3704.0-5.0	0.75	0.42	11.9	27.5	27.5	2.82	DOL SL/SDY VF PF STY
49	3705.0-6.0	3.9	3.4	14.4	27.2	29.1	2.79	DOL SL/LMY V PF STY
50	3706.0-7.0	0.12	0.12	1.1	28.3	49.5	2.81	DOL STY
51	3707.0-8.0	0.07	0.07	4.3	7.5	67.7	2.76	DOL SDY STY
52	3708.0-9.0	0.09	0.06	9.4	18.5	46.3	2.66	SD STY
53	3709.0-10.0	0.24	0.15	8.2	28.7	52.0	2.64	SD SHLAM
54	3710.0-11.0	0.40	0.30	7.3	14.2	56.8	2.68	SD SL/DOLC

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

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ARCO OIL & GAS COMPANY
 SEVEN RIVERS-QUEEN UNIT NO. 57

DATE : 10-25-81
 FORMATION : QUEEN

FILE NO : 3202-12610
 ANALYSTS : DEVIER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE FOR	OILZ PORE	WTRZ PORE	GRAIN DEN	DESCRIPTION
55	3711.0-12.0	0.87	0.76	8.2	22.1	38.4	2.68	SD
56	3712.0-13.0	2.0	1.8	12.8	25.5	38.9	2.64	SD SHLAM
57	3713.0-14.0	1.7		11.1	28.1	40.2	2.66	SD VF
58	3714.0-15.0	2.2	2.1	10.9	31.4	35.3	2.62	SD SHLAM
CORE NO. 2 3715.0-3762.0 CUT 47' REC 46'								
59	3715.0-16.0	0.17	0.17	6.0	28.4	50.7	2.62	SD
60	3716.0-17.0	0.83	0.41	8.4	19.2	56.8	2.69	SD SL/DOLC SL/F
61	3717.0-18.0	1.4	1.3	12.2	31.7	36.3	2.68	SD
62	3718.0-19.0	1.3	1.2	10.1	27.3	40.9	2.69	SD
63	3719.0-20.0	0.73	0.66	11.8	20.9	44.5	2.68	SD
64	3720.0-21.0	0.56	0.42	5.9	13.8	59.2	2.73	SD V/DOLC STY
65	3721.0-22.0	0.04	<0.01	1.7	5.0	66.2	2.85	DOL SHLAM STY
66	3722.0-23.0	0.14	0.09	0.4	5.7	75.9	2.85	DOL SL/V STY
67	3723.0-24.0	0.04	<0.01	2.8	7.6	73.1	2.76	DOL SDY SHLAM STY
68	3724.0-25.0	0.23	0.18	9.3	8.7	67.2	2.70	SD
69	3725.0-26.0	0.17	0.17	9.0	6.4	73.3	2.66	SD
70	3726.0-27.0	0.08	0.08	8.7	11.3	70.0	2.70	SD
71	3727.0-28.0	0.13	0.11	6.2	13.8	64.2	2.79	SD DOLC
72	3728.0-29.0	0.40	0.37	12.3	16.5	54.5	2.66	SD
73	3729.0-30.0	0.51	0.44	10.8	17.2	54.5	2.68	SD
74	3730.0-31.0	1.2	0.76	12.2	8.3	73.7	2.64	SD
75	3731.0-32.0	0.08	0.04	0.6	0.0	80.0	2.83	DOL STY
76	3732.0-33.0	0.06	<0.01	1.0	11.6	69.6	2.83	DOL STY
77	3733.0-34.0	0.09	0.09	8.1	19.4	56.4	2.67	SD SL/F
78	3734.0-35.0	0.11	0.08	4.8	15.4	61.7	2.72	SD
79	3735.0-36.0	0.05	0.05	5.1	13.3	60.0	2.74	SD SL/SHY STY
80	3736.0-37.0	0.14	0.04	2.2	13.9	53.3	2.84	DOL SL/V STY

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

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ARCO OIL & GAS COMPANY
 SEVEN RIVERS-QUEEN UNIT NO. 57

DATE : 10-25-81
 FORMATION : QUEEN

FILE NO : 3202-12610
 ANALYSTS : DEVIER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OILZ WTRZ FORE PORE	GRAIN DEN	DESCRIPTION
S 81	3737.0-38.0	1.7	0.72	1.7	15.2 66.7	2.84	DOL SL/V SHLAM STY
82	3738.0-39.0	0.63	0.47	2.4	12.2 68.9	2.85	DOL SHLAM STY
83	3739.0-40.0	0.55	0.47	1.9	18.6 58.4	2.84	DOL SL/SHY SHLAM STY
84	3740.0-41.0	0.04	0.02	1.3	11.4 68.1	2.80	DOL SL/SHY SHLAM STY
85	3741.0-42.0	0.49	0.47	9.6	24.5 58.1	2.68	SD DOLC STY
86	3742.0-43.0	15.	15.	18.0	27.1 54.3	2.67	SD SL/DOLC
87	3743.0-44.0	0.69	0.09	6.7	15.9 60.6	2.70	SD DOLC
88	3744.0-45.0	5.5	0.48	6.8	22.1 61.7	2.70	SD DOLC SL/F
89	3745.0-46.0	0.11	0.09	6.4	20.0 56.9	2.69	SD SL/DOLC
90	3746.0-47.0	0.06	<0.01	11.9	17.1 58.4	2.76	SD V/DOLC SL/F
91	3747.0-48.0	0.71	0.19	2.3	9.3 67.1	2.86	DOL SL/V PP STY
92	3748.0-49.0	0.22	0.11	1.8	11.3 65.4	2.85	DOL VF SL/V PP STY
93	3749.0-50.0	0.14	0.10	5.3	3.7 74.9	2.75	SD V/DOLC STY
94	3750.0-51.0	1.3	0.13	0.8	6.7 76.7	2.84	DOL VF STY
95	3751.0-52.0	0.05	0.05	0.7	4.8 85.2	2.84	DOL VF SL/V STY
96	3752.0-53.0	0.14	0.09	0.5	4.8 85.2	2.85	DOL VF
97	3753.0-54.0	0.08	0.08	3.8	6.4 65.5	2.85	DOL V STY
98	3754.0-55.0	0.14	0.03	5.7	11.2 44.8	2.85	DOL VF SL/V PP STY
99	3755.0-56.0	0.39	0.08	2.0	18.9 59.4	2.83	DOL SL/V SHLAM
100	3756.0-57.0	0.05	0.02	3.0	10.5 50.6	2.86	DOL VF SL/V PP SHLAM OOL
101	3757.0-58.0	0.14	0.09	4.5	11.9 66.7	2.85	DOL SL/V PP OOL
102	3758.0-59.0	0.03	0.02	9.1	19.7 47.0	2.89	DOL SL/V PP
S 103	3759.0-60.0	0.09	<0.01	1.7	6.0 74.0	2.85	DOL STY
* 104	3760.0-61.0	0.01		1.4	5.5 65.0	2.84	DOL F STY
CORE NO. 3 3762.0-3790.0 CUT 28' REC 30'							
* 105	3761.0-62.0	0.29		3.4	6.6 66.2	2.83	DOL VF
106	3762.0-63.0	0.34	0.11	1.0	0.0 77.8	2.87	DOL VF V

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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ARCO OIL & GAS COMPANY
SEVEN RIVERS-QUEEN UNIT NO. 57

DATE : 10-25-81
FORMATION : QUEEN

FILE NO : 3202-12610
ANALYSTS : DEVIER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
107	3763.0-64.0	0.96	0.57	7.8	9.1	67.8	2.71	SD DOLC SL/SHY VF SHLAM
S 108	3764.0-65.0	0.63	0.45	1.7	0.0	78.9	2.85	DOL VF SL/V STY
S 109	3765.0-66.0	1.4	0.82	3.7	14.0	61.0	2.84	DOL VF V
110	3766.0-67.0	32.	1.2	2.2	16.1	58.2	2.83	DOL VF SL/V SHLAM
111	3767.0-68.0	0.24	0.24	1.9	16.4	56.3	2.85	DOL SL/V
112	3768.0-69.0	0.15	0.11	1.4	11.8	61.5	2.84	DOL V STY
113	3769.0-70.0	0.18	0.12	2.5	16.8	62.1	2.84	DOL PP
114	3770.0-71.0	0.15	0.12	2.5	3.6	79.2	2.84	DOL STY
115	3771.0-72.0	1.4	0.61	4.9	3.9	76.2	2.84	DOL SHY VF SHLAM STY
116	3772.0-73.0	0.04	<0.01	3.9	3.3	72.3	2.83	DOL SHY VF SHLAM STY
117	3773.0-74.0	0.26	0.13	0.3	4.0	79.3	2.84	DOL VF STY
118	3774.0-75.0	3.9	0.63	3.9	6.5	65.6	2.83	DOL VF SL/V
119	3775.0-76.0	2.5	0.24	2.4	4.5	63.6	2.87	DOL VF V SHLAM
120	3776.0-77.0	0.16	0.16	5.0	3.6	69.7	2.82	DOL SHY SHLAM STY
121	3777.0-78.0	0.65	0.21	3.0	9.7	67.5	2.84	DOL SHLAM STY
122	3778.0-79.0	0.02	0.02	1.2	9.4	65.6	2.83	DOL VF
123	3779.0-80.0	<0.01	<0.01	1.4	5.9	71.3	2.81	DOL SHY VF SL/V SHLAM
124	3780.0-81.0	0.28	0.07	2.0	13.0	64.8	2.83	DOL VF SL/V SHLAM STY
125	3781.0-82.0	0.44	0.31	9.8	25.4	43.6	2.69	SD DOLC SL/SHY SL/F SHLAM
126	3782.0-83.0	0.06	0.03	7.1	16.3	54.4	2.73	SD DOLC SL/SHY SHLAM
127	3783.0-84.0	0.15	0.11	7.9	7.2	61.5	2.71	SD SL/DOLC SHLAM
128	3784.0-85.0	0.04	0.04	1.0	0.0	84.5	2.86	DOL VF
129	3785.0-86.0	0.08	0.04	2.3	0.0	75.0	2.88	DOL VF STY
130	3786.0-87.0	0.32	0.19	6.8	0.0	75.8	2.82	DOL V/SHY SHLAM
131	3787.0-88.0	<0.01	<0.01	6.5	0.0	79.2	2.80	DOL SL/SHY SHLAM
132	3788.0-89.0	0.56	0.04	7.8	17.2	37.4	2.76	DOL SL/SHY SL/F SHLAM
133	3789.0-90.0	0.18	0.13	8.9	20.6	36.0	2.74	SD SL/DOLC F SHLAM
134	3790.0-91.0	0.42	0.34	6.8	29.0	43.4	2.73	SD SL/DOLC SL/SHY SHLAM

CORE NO. 4 3791.0-3820.0 CUT 29' REC 31'

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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ARCO OIL & GAS COMPANY
SEVEN RIVERS-QUEEN UNIT NO. 57

DATE : 10-25-81
FORMATION : QUEEN

FILE NO : 3202-12610
ANALYSTS : DEVIER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE FOR	OIL% FORE	WTR% FORE	GRAIN DEN	DESCRIPTION
135	3791.0-92.0	5.1	0.37	6.1	26.3	29.6	2.83	DOL VF PP SHLAM
136	3792.0-93.0	653.	0.03	2.6	29.0	44.8	2.80	DOL SL/ANHY VF SL/V
137	3793.0-94.0	<0.01	<0.01	5.1	14.6	58.4	2.69	DOL SL/SDY SL/SHY SHLAM
138	3794.0-95.0	0.13	0.07	9.6	18.0	54.6	2.69	DOL SL/SHY
139	3795.0-96.0	0.80	0.80	10.5	24.0	41.4	2.64	SD SL/SHY SHLAM
140	3796.0-97.0	1.2	1.2	12.5	28.9	39.7	2.68	SD SL/SHY SHLAM STY
141	3797.0-98.0	0.04	0.04	7.2	8.2	58.6	2.71	SD DOLC SL/SHY SHLAM STY
142	3798.0-99.0	0.09	0.09	6.3	2.1	62.0	2.69	SD DOLC SHLAM
143	3799.0-0.0	0.12	0.09	4.9	0.0	78.3	2.76	SD V/DOLC SL/SHY SHLAM
144	3800.0-1.0	0.21	0.21	9.2	7.6	61.1	2.69	SD DOLC SL/SHY
145	3801.0-2.0	18.	1.3	3.0	5.3	72.6	2.84	DOL SL/ANHY VF V
146	3802.0-3.0	0.08	0.08	1.0	3.8	76.2	2.86	DOL SL/ANHY SL/F SHLAM
147	3803.0-4.0	0.06	0.06	8.1	1.6	75.8	2.73	SD SL/DOLC SL/SHY SHLAM
148	3804.0-5.0	0.05	0.05	4.0	16.3	60.7	2.76	DOL SDY SL/SHY SHLAM
149	3805.0-6.0	0.11	0.11	10.0	12.4	53.4	2.68	DOL V/SDY SHLAM
150	3806.0-7.0	0.17	0.13	6.4	8.4	62.2	2.75	SD DOLC SHY SHLAM
151	3807.0-8.0	0.23	0.20	7.0	2.5	76.4	2.75	SD V/DOLC SL/SHY SHLAM
152	3808.0-9.0	0.09	0.09	4.0	4.9	77.9	2.75	DOL SDY SHY
153	3809.0-10.0	0.18	0.08	4.8	2.9	74.7	2.75	DOL SL/SHY SHLAM STY
154	3810.0-11.0	0.76	0.23	1.3	6.4	80.5	2.85	DOL SL/ANHY VF SHLAM
155	3811.0-12.0	0.18	0.11	2.6	6.2	73.8	2.83	DOL SL/SHY SHLAM STY
156	3812.0-13.0	0.14	0.08	3.7	3.8	75.8	2.83	DOL SL/SHY SHLAM
157	3813.0-14.0	0.13	0.08	4.5	3.3	70.3	2.71	DOL V/SDY
158	3814.0-15.0	0.25	0.20	11.5	7.8	63.4	2.69	SD SHY
159	3815.0-16.0	0.10	0.04	6.3	13.5	67.4	2.65	SD
160	3816.0-17.0	0.04	0.02	5.1	12.4	67.3	2.66	SD SL/SHY
161	3817.0-18.0	0.42	0.24	6.0	18.0	50.3	2.84	DOL SL/SHY VF V SHLAM
162	3818.0-19.0	1.3	0.92	4.0	17.7	50.8	2.85	DOL V SL/F STY
163	3819.0-20.0	2641.	2105.	16.0	9.7	33.3	2.88	DOL SDY V

S

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

ARCO OIL & GAS COMPANY
SEVEN RIVERS-QUEEN UNIT NO. 57

DATE : 10-25-81
FORMATION : QUEEN

FILE NO : 3202-12610
ANALYSTS : DEVIER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
164	3820.0-21.0	1226.	528.	15.0	16.5	23.6	2.84	DOL SL/SDY V
165	3821.0-22.0	0.22	0.04	5.9	6.4	64.4	2.77	SD SL/SHY VF V

* INDICATES PLUG PERMEABILITY

S INDICATES A PRESERVED SAMPLE

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

LITHOLOGICAL ABBREVIATIONS

ANH(Y)	ANHYDRITE, ANHYDRITIC	LM(Y)	LIMESTONE, LIMY
ARK	ARKOSE, ARKOSIC	MG	MEDIUM GRAINED
BAN	BAND, BANDED	MTX	MATRIX
BREC	BRECCIA, BRECCIATED	NA	INTERVAL NOT ANALYZED (AT REQUEST OF CLIENT)
CALC	CALCITE, CALCAREOUS	NOD	NODULE, NODULAR
CARB	CARBONACEOUS	OOL	OOLITIC
CG	COARSE GRAINED	PISO	PISOLITIC
CHK(Y)	CHALK, CHALKY	PP	PINPOINT POROSITY
CHT(Y)	CHERT, CHERTY	PT	PARTING
CONGL	CONGLOMERATE, CONGLOMERITIC	PYR	PYRITE, PYRITIC
CXLN	COARSELY CRYSTALLINE	SD(Y)	SANDSTONE, SANDY
DNS	DENSE	SH(Y)	SHALE, SHALY
DOL(C)	DOLOMITE, DOLOMITIC	SHR	SOLID HYDROCARBON RESIDUE
F	RANDOMLY ORIENTED FRACTURES	SL/	SLIGHTLY
FG	FINE GRAINED	SLT(Y)	SILT, SILTY
FOSS	FOSSILIFEROUS	STY	STYLOLITE, STYLOLITIC
FR	FRIABLE	SUC	SUCROSLIC
FXLN	FINELY CRYSTALLINE	SUL	SULPHUR
GAL	GALENA	TBFA	TOO BROKEN FOR ANALYSIS
GLAUC	GLAUCONITE, GLAUCONITIC	TRIP	TRIPOLITE
GRAN	GRANITE	V/	VERY
GYP	GYPSUM, GYPSIFEROUS	VF	PREDOMINANTLY VERTICALLY FRACTURED
HF	PREDOMINANTLY HORIZONTALLY FRACTURED	V	VUGULAR
INC	INCLUSION	XBD	CROSSBEDDED
INTBD	INTERBEDDED	XLN	MEDIUM CRYSTALLINE
LAM	LAMINATED	XTL	CRYSTAL

THE FIRST WORD IN THE DESCRIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCRIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.

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