

PRELIMINARY REPORT

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

OIL DEVELOPMENT CO., DALLAS, TEXAS
SANTA FE-PACIFIC RR. NO. 16
WEST SAWYER
LEA COUNTY, NEW MEXICO

DATE: 2/10/76
FORMATION: SAN ANDRES
UPLG. FLUID: FRESH WATER
LOCATION: 1980 FNL & 660 FWL SEC 34 T9S-R37E

FILE NO: 5102-9800
ENGINEER: D. DILLARD
ELEVATION: 5978 RB

* INDICATES PLUG PERM

S INDICATES PRESERVED SAMPLE

SMP. NO.	DEPTH	PERM. TO AIR MD.	MAXIMUM 90 DEG	VERT.	POROSITY	FLUID SATS.	GR.	DEN.	DESCRIPTION
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WHOLE CORE ANALYSIS

1	4953.0-54.0	0.4	0.1	0.1	5.6	8.8	73.1		(DOL, ANHY, SHY)
2	4954.0-55.8	0.1	<0.1	<0.1	4.6	22.1	37.7		(DOL, ANHY, SL/PKAC, SHY)
3	4955.8-57.0	<0.1	<0.1	<0.1	4.1	4.7	40.2		(DOL, ANHY, SHY)
4	4957.0-58.5	<0.1	<0.1	<0.1	2.8	15.6	45.9		(DOL, ANHY, SHY)
5	4958.5-60.0	13.0	0.7	0.7	4.8	10.6	48.8		(DOL, ANHY, VEC/KAC, SHY)
6	4960.0-61.8	0.1	<0.1	<0.1	4.5	17.1	60.7		(DOL, ANHY, SHY)
7	4961.8-63.4	<0.1	<0.1	<0.1	7.8	10.0	39.4		(DOL, ANHY, SHY)
8	4963.4-65.0	0.1	<0.1	<0.1	8.3	15.3	37.2		(DOL, ANHY, SL/PKAC, SHY)
9	4965.0-66.5	<0.1	<0.1	<0.1	6.4	20.3	35.2		(DOL, ANHY, SHY)
10	4966.5-67.8	<0.1	<0.1	<0.1	5.0	10.4	43.7		(DOL, ANHY, SHY)
11	4967.8-69.4	0.5	0.2	0.2	6.8	13.8	27.2		(DOL, ANHY, SHY)
12	4969.4-70.5	0.2	<0.1	<0.1	1.8	17.9	50.0		(DOL, ANHY, SHY, SHY)
13	4970.5-71.7	<0.1	<0.1	<0.1	8.0	13.6	34.7		(DOL, ANHY, SHY, SHY)
14	4971.7-73.1	0.8	0.7	0.7	10.3	16.9	19.7		(DOL, ANHY, SHY)
15	4973.1-74.4	0.8	0.7	0.7	8.0	16.9	20.9		(DOL, ANHY, SL/PKAC, SHY)
16	4974.4-75.9	0.5	0.3	0.3	3.3	15.3	45.9		(DOL, ANHY, SHY, SHY)
17	4975.9-77.3	<0.1	<0.1	<0.1	5.1	17.4	27.0		(DOL, ANHY, SHY, SHY)
18	4977.3-78.9	0.1	<0.1	<0.1	6.1	10.2	38.1		(DOL, ANHY, SHY)
19	4978.9-80.3	0.5	0.5	0.5	6.3	10.7	39.6		(DOL, ANHY, SHY)
20	4980.3-82.0	0.2	0.2	0.2	8.1	8.3	46.8		(DOL, ANHY, SHY, SHY)
21	4982.0-83.8	0.7	0.4	0.4	6.9	12.8	51.0		(DOL, ANHY, SL/PKAC, SHY)

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