

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

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DALLAS, TEXAS

ATLANTIC RICHFIELD CO.
 LANGLEY, GETTY COM. NO. 1
 LANGLEY-ELLENBURGER GAS FIELD
 LEA COUNTY, NEW MEXICO

DATE : 7-17-78
 FORMATION : AS NOTED
 DRLG. FLUID:
 LOCATION : 790' FSL & 2310' FWL, SEC. 21, T-22-S,R-36-E

FILE NO : 3202-10826
 ANALYSTS : JOHNSTON
 ELEVATION: 3527' GL

WHOLE CORE ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)		POR.		FLUID SATS.		DESCRIPTION
		MAXIMUM	90 DEG	FLD	OIL	WTR		
CORE NO. 1 9354.0-9403.0 CUT 49' REC 41' STRAWN								
1	9354.0-57.5							LM,DENSE,NO SHOW
	9357.5-59.0	<0.1	<0.1	0.6	0.0	60.0		LM,FOSS,STY
	9359.0-61.8							LM,DENSE,NO SHOW
2	9361.8-62.5							LM,SHY,DENSE,NO SHOW
	9362.5-73.0							LM,FOSS,DENSE,NO SHOW
	9373.0-74.5	<0.1	<0.1	0.7	0.0	86.4		LM,FOSS,STY
	9374.0-76.0							LM,DENSE,NO SHOW
	9376.0-77.8	<0.1	<0.1	4.4	3.0	31.8		LM,SL/F,STY
4	9377.8-79.0	<0.1	<0.1	3.0	6.1	48.5		LM,STY
5	9379.0-87.0							LM,DENSE,NO SHOW
	9387.0-89.0							LM,SH PARTINGS,DENSE,NO SHOW
	9389.0-90.2	<0.1	<0.1	3.2	5.3	46.1		LM,SL/F,STY
	9390.2-91.5	<0.1	*	2.3	9.5	52.4		LM,F,SL/V,STY
	9391.5-93.0	<0.1	<0.1	3.2	2.1	27.7		LM,F,SL/V,FOSS,STY
	9393.0-94.0	<0.1	<0.1	0.7	0.0	85.7		LM,STY
	9394.0-03.0							LOST CORE
	9403.0-55.0							DRILLED
CORE NO. 2 12355.0-12411.0 CUT 56' REC 56' DEVONIAN								
9	12355.0-56.7	0.5	0.3	1.5	12.0	74.8		DOL,LMY,SL/F,STY
10	12356.7-58.3	6.8	5.1	3.0	24.1	31.3		DOL,LMY,V,STY
11	12358.3-60.0	2.3	2.0	3.6	13.0	33.3		DOL,LMY,V,STY
12	12360.0-61.2	2.6	0.2	4.2	27.6	29.6		DOL,V,STY
13	12361.2-62.7	<0.1	<0.1	1.6	17.9	64.7		DOL,SL/F,STY

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