API WELL NUMBER	GROUP NO.	CURRENT DATE	DATE ANALYZED	DATE ENTERED	DATE LAST UPDATED
15 081 20278 00	01	91-09-04	83-07-07	83-07-20	83-07-22

	WELL OPERATOR	LSE WELL NO	LEASE NAME	LATITUDE	LONGITUDE	ELEVATION
ORIG:	AMOCO PROD	1	CAROL EILERTS	37.4512400	100.8409400	2919.0 KB
CURR:	AMOCO PRODUCTION CO	NO 1	CAROL EILERTS			

SEC	TWP	RGE	QTR	QTR	QTR	COUNTY	STATE	FIELD CODE	ORIG COMP DATE	TOTAL DEPTH
0008	030S	032W				HASKELL	, KS	00005440	83-11-09	5850.00

ANALYZING LABORATORY: CORE LABORATORIES CITY: INPUT FORMAT 101

CORE TYPE	DIAMOND	CORE SIZE	INCHES
PRIMARY SPL TYPE	CONVENTIONAL - PLUG	DRILLING FLUID	WATER BASE MUD
SECONDARY SPL TYPE		EXTRACTION METHOD	RETORT
ANALYSIS TYPE	BOYLES LAW	MULTIPLE DATA	NO

----- FORMATION ----- STRAT MNEMONIC	FIRST CORE DEPTH	----- FORMATION ----- STRAT MNEMONIC	FIRST CORE DEPTH	----- FORMATION ----- STRAT MNEMONIC	FIRST CORE DEPTH	----- FORMATION ----- STRAT MNEMONIC	FIRST CORE DEPTH
84 CHSE	2676.00						

REMARKS: BOYLE'S LAW POROSITY

DEPTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
2676.00	2677.00		1.90 PH			13.5 PC	0.0 PO	40.8 PW		2.79 GD	DOLO
2677.00	2678.00		0.77 PH			11.2 PC	0.0 PO	54.0 PW		2.74 GD	DOLO
2678.00	2679.00		4.10 PH			19.9 PC	0.0 PO	49.0 PW		2.75 GD	DOLO
2679.00	2680.00		0.60 PH			5.8 PC	0.0 PO	52.5 PW		2.86 GD	ANHY
2680.00	2681.00		1.70 PH			17.3 PC	0.0 PO	44.2 PW		2.74 GD	DOLO
2681.00	2682.00		1.30 PH			7.4 PC	0.0 PO	48.9 PW		2.85 GD	ANHY
2682.00	2683.00		0.74 PH			5.2 PC	0.0 PO	64.2 PW		2.89 GD	ANHY
2683.00	2684.00		3.30 PH			14.7 PC	0.0 PO	59.0 PW		2.85 GD	DOLO
2684.00	2685.00		7.40 PH			17.3 PC	0.0 PO	54.4 PW		2.83 GD	DOLO
2685.00	2686.00		0.12 PH			12.4 PC	0.0 PO	63.3 PW		2.81 GD	DOLO
2686.00	2687.00		5.00 PH			16.9 PC	0.0 PO	56.5 PW		2.83 GD	DOLO
2687.00	2688.00		0.84 PH			12.5 PC	0.0 PO	65.9 PW		2.82 GD	DOLO
2688.00	2689.00		0.38 PH			14.9 PC	0.0 PO	50.1 PW		2.81 GD	DOLO
2689.00	2690.00		5.10 PH			14.5 PC	0.0 PO	64.2 PW		2.83 GD	DOLO
2690.00	2691.00		2.20 PH			13.2 PC	0.0 PO	55.6 PW		2.83 GD	DOLO
2691.00	2692.00		0.01 PH			9.7 PC	0.0 PO	94.3 PW		2.79 GD	DOLO
2692.00	2693.00		0.01 PH			6.3 PC	0.0 PO	94.1 PW		2.80 GD	DOLO

BD	BULK DENSITY	PC	PLUG COMMON	PP	PLUG OF PERM SAMPLE	WC	WHOLE CORE COMMON	WR	RADIAL WHOLE CORE
BG	BULK VOLUME GAS	PE	PLUG EFFECTIVE	PS	PLUG OF SAT. SAMPLE	WE	WHOLE CORE EFFECTIVE	WS	WHOLE CORE SAT. SAMPLE
BO	BULK VOLUME OIL	PG	PORE SPACE GAS	PV	VERTICAL PLUG	WH	HORIZ MAX WHOLE CORE	WV	VERTICAL WHOLE CORE
BW	BULK VOLUME WATER	PH	HORIZONTAL PLUG	PW	PORE SPACE WATER	WO	WEIGHT BASE OIL	WW	WEIGHT BASE WATER
GD	GRAIN DENSITY	PO	PORE SPACE OIL	UK	UNKNOWN	WP	WHOLE CORE PERM SAMPLE	9H	HORIZONTAL 90 DEGREES

Carl Ellert

PTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
93.00	2694.00		0.01 PH			6.5 PC	0.0 PO	82.3 PW		2.77 GD	DOLO
94.00	2695.00		0.01 PH			7.5 PC	0.0 PO	9.4 PW		2.81 GD	DOLO
95.00	2696.00		0.11 PH			11.7 PC	0.0 PO	92.4 PW		2.81 GD	DOLO
96.00	2697.00		0.18 PH			5.8 PC	0.0 PO	95.7 PW		2.80 GD	DOLO
97.00	2698.00		0.01 PH			4.8 PC	0.0 PO	94.1 PW		2.79 GD	DOLO
98.00	2699.00		0.02 PH			7.7 PC	0.0 PO	89.0 PW		2.79 GD	DOLO
99.00	2700.00		0.01 PH			6.2 PC	0.0 PO	77.7 PW		2.79 GD	DOLO
00.00	2701.00		0.01 PH			6.1 PC	0.0 PO	79.9 PW		2.80 GD	DOLO
01.00	2702.00		0.01 PH			6.3 PC	0.0 PO	90.6 PW		2.79 GD	DOLO
02.00	2703.00		0.08 PH			9.1 PC	0.0 PO	75.8 PW		2.83 GD	DOLO
03.00	2704.00		0.01 PH			6.6 PC	0.0 PO	81.8 PW		2.82 GD	DOLO
04.00	2705.00		0.01 PH			7.5 PC	0.0 PO	84.6 PW		2.84 GD	DOLO
05.00	2706.00		0.09 PH			9.1 PC	0.0 PO	77.2 PW		2.83 GD	DOLO
06.00	2707.00		0.20 PH			7.0 PC	0.0 PO	58.3 PW		2.81 GD	DOLO
07.00	2708.00		0.06 PH			6.4 PC	0.0 PO	65.9 PW		2.81 GD	DOLO
08.00	2709.00		0.05 PH			8.9 PC	0.0 PO	65.7 PW		2.82 GD	DOLO
09.00	2710.00		0.08 PH			9.6 PC	0.0 PO	58.1 PW		2.84 GD	DOLO
10.00	2711.00		0.18 PH			10.5 PC	0.0 PO	56.7 PW		2.81 GD	DOLO
11.00	2712.00		1.20 PH			8.9 PC	0.0 PO	73.0 PW		2.79 GD	DOLO
12.00	2713.00		0.08 PH			8.4 PC	0.0 PO	67.3 PW		2.84 GD	DOLO
13.00	2714.00		0.56 PH			10.8 PC	0.0 PO	50.2 PW		2.84 GD	DOLO
14.00	2715.00		0.11 PH			9.5 PC	0.0 PO	59.3 PW		2.85 GD	DOLO
15.00	2716.00		0.27 PH			9.4 PC	0.0 PO	69.6 PW		2.84 GD	DOLO
16.00	2717.00		2.80 PH			15.7 PC	0.0 PO	50.9 PW		2.85 GD	DOLO
17.00	2718.00		0.01 PH			11.9 PC	0.0 PO	40.2 PW		2.85 GD	DOLO
18.00	2719.00		0.74 PH			10.4 PC	0.0 PO	51.0 PW		2.85 GD	DOLO
19.00	2720.00		0.45 PH			10.9 PC	0.0 PO	34.4 PW		2.85 GD	DOLO
20.00	2721.00		0.04 PH			9.3 PC	0.0 PO	69.9 PW		2.83 GD	DOLO
21.00	2722.00		0.01 PH			6.2 PC	0.0 PO	57.9 PW		2.84 GD	DOLO
22.00	2723.00		1.50 PH			10.8 PC	0.0 PO	39.4 PW		2.84 GD	DOLO
23.00	2724.00		0.07 PH			8.8 PC	0.0 PO	75.9 PW		2.83 GD	DOLO
24.00	2725.00		0.06 PH			9.2 PC	0.0 PO	65.6 PW		2.83 GD	DOLO
25.00	2726.00		0.01 PH			7.1 PC	0.0 PO	52.9 PW		2.83 GD	DOLO
26.00	2727.00		0.28 PH			11.1 PC	0.0 PO	48.2 PW		2.82 GD	DOLO
27.00	2728.00		0.17 PH			10.0 PC	0.0 PO	65.3 PW		2.81 GD	DOLO
28.00	2729.00		1.40 PH			13.7 PC	0.0 PO	68.7 PW		2.83 GD	DOLO
29.00	2730.00		1.10 PH			14.3 PC	0.0 PO	65.2 PW		2.83 GD	DOLO
30.00	2731.00		3.20 PH			17.1 PC	0.0 PO	51.3 PW		2.67 GD	DOLO
31.00	2732.00		0.87 PH			9.8 PC	0.0 PO	67.0 PW		2.83 GD	DOLO
32.00	2733.00		1.60 PH			15.0 PC	0.0 PO	62.9 PW		2.77 GD	DOLO
33.00	2734.00		0.01 PH			4.7 PC	0.0 PO	91.5 PW		2.80 GD	DOLO
34.00	2735.00		0.02 PH			5.9 PC	0.0 PO	66.1 PW		2.84 GD	DOLO
35.00	2736.00		0.01 PH			4.5 PC	0.0 PO	93.3 PW		2.81 GD	DOLO
36.00	2737.00		0.01 PH			3.7 PC	0.0 PO	82.1 PW		2.80 GD	DOLO
37.00	2738.00		0.01 PH			3.8 PC	0.0 PO	91.4 PW		2.82 GD	DOLO

BULK DENSITY
BULK VOLUME GAS
BULK VOLUME OIL
BULK VOLUME WATER
GRAIN DENSITY

PC PLUG COMMON
PE PLUG EFFECTIVE
PG PORE SPACE GAS
PH HORIZONTAL PLUG
PO PORE SPACE OIL

PP PLUG OF PERM SAMPLE
PS PLUG OF SAT. SAMPLE
PV VERTICAL PLUG
PW PORE SPACE WATER
UK UNKNOWN

WC WHOLE CORE COMMON
WE WHOLE CORE EFFECTIVE
WH HORIZ MAX WHOLE CORE
WO WEIGHT BASE OIL
WP WHOLE CORE PERM SAMPLE

WR RADIAL WHOLE CORE
WS WHOLE CORE SAT. SAMPLE
WV VERTICAL WHOLE CORE
WW WEIGHT BASE WATER
9H HORIZONTAL 90 DEGREES

DEPTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
2738.00	2739.00		0.01 PH			8.8 PC	0.0 PO	98.9 PW		2.63 GD	DOLO
2739.00	2740.00		0.01 PH			4.6 PC	0.0 PO	97.8 PW		2.73 GD	DOLO
2740.00	2741.00		0.01 PH			5.5 PC	0.0 PO	96.1 PW		2.73 GD	DOLO
2741.00	2742.00		0.01 PH			2.8 PC	0.0 PO	96.7 PW		2.69 GD	DOLO
2742.00	2743.00		0.01 PH			2.0 PC	0.0 PO	98.3 PW		2.60 GD	DOLO
2743.00	2744.00		0.01 PH			4.1 PC	0.0 PO	97.4 PW		2.68 GD	DOLO
2744.00	2745.00		0.01 PH			2.7 PC	0.0 PO	97.5 PW		2.72 GD	DOLO
2751.00	2752.00		0.01 PH			7.2 PC	0.0 PO	88.9 PW		2.66 GD	DOLO
2752.00	2753.00		0.01 PH			1.7 PC	0.0 PO	83.5 PW		2.81 GD	DOLO
2753.00	2754.00		0.01 PH			4.3 PC	0.0 PO	84.9 PW		2.80 GD	DOLO
2754.00	2755.00		0.01 PH			6.8 PC	0.0 PO	83.7 PW		2.75 GD	DOLO
2755.00	2756.00		4.80 PH			15.7 PC	0.0 PO	57.9 PW		2.85 GD	DOLO
2756.00	2757.00		4.50 PH			21.3 PC	0.0 PO	34.9 PW		2.84 GD	DOLO
2757.00	2758.00		1.50 PH			17.1 PC	0.0 PO	52.5 PW		2.84 GD	DOLO
2758.00	2759.00		2.00 PH			18.1 PC	0.0 PO	50.3 PW		2.84 GD	DOLO
2759.00	2760.00		0.62 PH			17.0 PC	0.0 PO	43.0 PW		2.85 GD	DOLO
2760.00	2761.00		49.00 PH			22.6 PC	0.0 PO	40.4 PW		2.85 GD	DOLO
2761.00	2762.00		6.50 PH			21.1 PC	0.0 PO	54.0 PW		2.86 GD	DOLO
2762.00	2763.00		0.05 PH			16.2 PC	0.0 PO	26.8 PW		2.83 GD	DOLO
2763.00	2764.00		0.01 PH			1.4 PC	0.0 PO	62.6 PW		2.70 GD	DOLO
2764.00	2765.00		0.01 PH			9.5 PC	0.0 PO	75.7 PW		2.84 GD	DOLO
2765.00	2766.00		12.00 PH			17.3 PC	0.0 PO	27.8 PW		2.85 GD	DOLO
2766.00	2767.00		18.00 PH			14.8 PC	0.0 PO	43.0 PW		2.85 GD	DOLO
2767.00	2768.00		0.08 PH			11.2 PC	0.0 PO	40.6 PW		2.79 GD	DOLO
2768.00	2769.00		0.25 PH			11.5 PC	0.0 PO	56.4 PW		2.83 GD	DOLO
2769.00	2770.00		0.01 PH			5.9 PC	0.0 PO	78.1 PW		2.80 GD	DOLO
2770.00	2771.00		82.00 PH			19.3 PC	0.0 PO	62.1 PW		2.84 GD	DOLO
2771.00	2772.00		2.30 PH			15.2 PC	0.0 PO	35.8 PW		2.75 GD	DOLO
2772.00	2773.00		55.00 PH			23.2 PC	0.0 PO	57.4 PW		2.83 GD	DOLO
2773.00	2774.00		0.01 PH			8.2 PC	0.0 PO	60.2 PW		2.82 GD	DOLO
2774.00	2775.00		0.01 PH			7.5 PC	0.0 PO	75.8 PW		2.78 GD	DOLO
2791.00	2792.00		0.01 PH			6.1 PC	0.0 PO	91.0 PW		2.70 GD	SNDSTN
2792.00	2793.00		0.01 PH			9.3 PC	0.0 PO	85.9 PW		2.69 GD	SNDSTN
2793.00	2794.00		0.18 PH			13.8 PC	0.0 PO	85.1 PW		2.69 GD	SNDSTN
2794.00	2795.00		16.00 PH			9.0 PC	0.0 PO	92.1 PW		2.66 GD	SNDSTN
2795.00	2796.00		0.19 PH			12.7 PC	0.0 PO	79.9 PW		2.68 GD	SNDSTN
2796.00	2797.00		0.26 PH			12.6 PC	0.0 PO	81.4 PW		2.67 GD	SNDSTN
2797.00	2798.00		0.05 PH			10.5 PC	0.0 PO	75.4 PW		2.68 GD	SNDSTN
2798.00	2799.00		0.02 PH			9.4 PC	0.0 PO	66.9 PW		2.75 GD	DOLO
2799.00	2800.00		0.18 PH			14.0 PC	0.0 PO	88.0 PW		2.69 GD	DOLO
2800.00	2801.00		0.01 PH			4.7 PC	0.0 PO	89.5 PW		2.78 GD	DOLO
2801.00	2802.00		0.02 PH			12.5 PC	0.0 PO	74.3 PW		2.73 GD	DOLO
2802.00	2803.00		0.01 PH			8.6 PC	0.0 PO	87.9 PW		2.75 GD	DOLO
2803.00	2804.00		0.01 PH			9.1 PC	0.0 PO	90.4 PW		2.74 GD	DOLO
2804.00	2805.00		0.01 PH			11.3 PC	0.0 PO	89.3 PW		2.71 GD	LMSTN

BD BULK DENSITY
BG BULK VOLUME GAS
BO BULK VOLUME OIL
BW BULK VOLUME WATER
GD GRAIN DENSITY
PC PLUG COMMON
PE PLUG EFFECTIVE
PG PORE SPACE GAS
PH HORIZONTAL PLUG
PO PORE SPACE OIL
PP PLUG OF PERM SAMPLE
PS PLUG OF SAT. SAMPLE
PV VERTICAL PLUG
PW PORE SPACE WATER
UK UNKNOWN
WC WHOLE CORE COMMON
WE WHOLE CORE EFFECTIVE
WH HORIZ MAX WHOLE CORE
WO WEIGHT BASE OIL
WP WHOLE CORE PERM SAMPLE
WR RADIAL WHOLE CORE
WS WHOLE CORE SAT. SAMPLE
WV VERTICAL WHOLE CORE
WW WEIGHT BASE WATER
9H HORIZONTAL 90 DEGREES

PTH DP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	HORIZ 90	VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
05.00	2806.00		0.01 PH			7.5 PC	0.0 PO	86.3 PW		2.71 GD	LMSTN
06.00	2807.00		0.07 PH			10.8 PC	0.0 PO	68.9 PW		2.69 GD	LMSTN
07.00	2808.00		0.09 PH			12.1 PC	0.0 PO	70.8 PW		2.66 GD	LMSTN
08.00	2809.00		0.09 PH			12.3 PC	0.0 PO	70.1 PW		2.63 GD	LMSTN
09.00	2810.00		0.03 PH			12.0 PC	0.0 PO	76.4 PW		2.66 GD	LMSTN
10.00	2811.00		0.21 PH			10.9 PC	0.9 PO	76.8 PW		2.68 GD	LMSTN
11.00	2812.00		0.18 PH			9.8 PC	0.0 PO	79.5 PW		2.69 GD	LMSTN
12.00	2813.00		0.27 PH			11.5 PC	0.0 PO	76.9 PW		2.68 GD	LMSTN
13.00	2814.00		2.90 PH			14.4 PC	0.0 PO	78.4 PW		2.70 GD	LMSTN
14.00	2815.00		11.00 PH			16.3 PC	0.0 PO	84.5 PW		2.70 GD	LMSTN
15.00	2816.00		2.20 PH			14.5 PC	0.0 PO	81.9 PW		2.70 GD	LMSTN
16.00	2817.00		1.70 PH			15.1 PC	0.6 PO	78.1 PW		2.69 GD	LMSTN
18.00	2819.00		0.71 PH			12.4 PC	0.8 PO	71.7 PW		2.72 GD	LMSTN
19.00	2820.00		0.47 PH			12.3 PC	1.0 PO	72.0 PW		2.73 GD	LMSTN
20.00	2821.00		0.45 PH			13.1 PC	1.5 PO	73.5 PW		2.73 GD	LMSTN
21.00	2822.00		0.21 PH			10.5 PC	4.2 PO	69.0 PW		2.70 GD	LMSTN
22.00	2823.00		0.19 PH			10.3 PC	4.1 PO	72.9 PW		2.74 GD	LMSTN
23.00	2824.00		0.37 PH			11.3 PC	4.9 PO	66.6 PW		2.74 GD	LMSTN
24.00	2825.00		0.16 PH			10.0 PC	1.0 PO	79.6 PW		2.75 GD	LMSTN
25.00	2826.00		0.09 PH			8.6 PC	1.0 PO	82.4 PW		2.78 GD	LMSTN
26.00	2827.00		0.11 PH			9.1 PC	0.0 PO	77.1 PW		2.71 GD	LMSTN
27.00	2828.00		0.61 PH			12.7 PC	0.8 PO	79.0 PW		2.71 GD	LMSTN
28.00	2829.00		0.17 PH			11.3 PC	1.9 PO	77.1 PW		2.73 GD	LMSTN
29.00	2830.00		0.08 PH			8.9 PC	1.9 PO	79.8 PW		2.75 GD	LMSTN
30.00	2831.00		0.13 PH			8.9 PC	1.9 PO	77.3 PW		2.77 GD	LMSTN
31.00	2832.00		0.16 PH			11.1 PC	0.8 PO	76.6 PW		2.70 GD	LMSTN
32.00	2833.00		0.73 PH			7.1 PC	0.9 PO	78.4 PW		2.81 GD	DOLO
33.00	2834.00		0.90 PH			7.4 PC	0.8 PO	79.7 PW		2.82 GD	DOLO
34.00	2835.00		1.30 PH			13.4 PC	0.0 PO	81.6 PW		2.72 GD	LMSTN
35.00	2836.00		0.41 PH			11.6 PC	0.0 PO	75.7 PW		2.76 GD	LMSTN
36.00	2837.00		1.30 PH			16.1 PC	0.6 PO	79.1 PW		2.77 GD	LMSTN
37.00	2838.00		1.30 PH			16.2 PC	1.1 PO	78.1 PW		2.79 GD	LMSTN
38.00	2839.00		1.10 PH			14.9 PC	0.7 PO	78.7 PW		2.76 GD	LMSTN
39.00	2840.00		0.45 PH			12.8 PC	0.0 PO	67.5 PW		2.75 GD	LMSTN
40.00	2841.00		0.08 PH			12.4 PC	0.0 PO	81.8 PW		2.68 GD	SNDSTN
41.00	2842.00		0.01 PH			3.5 PC	0.0 PO	88.2 PW		2.69 GD	SNDSTN
42.00	2843.00		0.01 PH			7.2 PC	0.0 PO	86.1 PW		2.69 GD	SNDSTN
43.00	2844.00		0.01 PH			8.9 PC	0.0 PO	86.8 PW		2.69 GD	SNDSTN
44.00	2845.00		0.11 PH			9.5 PC	0.0 PO	87.4 PW		2.73 GD	SNDSTN
45.00	2846.00		0.01 PH			9.2 PC	0.0 PO	92.0 PW		2.71 GD	SNDSTN
46.00	2847.00		0.01 PH			11.9 PC	0.0 PO	90.4 PW		2.73 GD	SNDSTN
47.00	2848.00		0.05 PH			12.6 PC	0.0 PO	90.2 PW		2.71 GD	SNDSTN
48.00	2849.00		0.20 PH			10.5 PC	0.0 PO	82.9 PW		2.73 GD	SNDSTN
49.00	2850.00		0.29 PH			10.0 PC	0.0 PO	80.7 PW		2.75 GD	SNDSTN
50.00	2851.00		0.18 PH			9.3 PC	0.0 PO	81.5 PW		2.77 GD	SNDSTN

BULK DENSITY
BULK VOLUME GAS
BULK VOLUME OIL
BULK VOLUME WATER
GRAIN DENSITY

PC PLUG COMMON
PE PLUG EFFECTIVE
PG PORE SPACE GAS
PH HORIZONTAL PLUG
PO PORE SPACE OIL

PP PLUG OF PERM SAMPLE
PS PLUG OF SAT. SAMPLE
PV VERTICAL PLUG
PW PORE SPACE WATER
UK UNKNOWN

WC WHOLE CORE COMMON
WE WHOLE CORE EFFECTIVE
WH HORIZ MAX WHOLE CORE
WO WEIGHT BASE OIL
WP WHOLE CORE PERM SAMPLE

WR RADIAL WHOLE CORE
WS WHOLE CORE SAT. SAMPLE
WV VERTICAL WHOLE CORE
WW WEIGHT BASE WATER
9H HORIZONTAL 90 DEGREES

DEPTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
2851.00	2852.00		0.02 PH			5.9 PC	0.0 PO	79.5 PW		2.79 GD	SNDSTN
2852.00	2853.00		0.02 PH			10.5 PC	0.0 PO	73.7 PW		2.75 GD	SILT
2853.00	2854.00		1.00 PH			23.7 PC	0.0 PO	79.5 PW		2.78 GD	LMSTN
2854.00	2855.00		0.01 PH			5.5 PC	2.0 PO	78.4 PW		2.72 GD	LMSTN
2855.00	2856.00		0.01 PH			5.3 PC	0.0 PO	8.8 PW		2.72 GD	LMSTN
2856.00	2857.00		0.01 PH			3.9 PC	0.0 PO	80.7 PW		2.79 GD	LMSTN
2857.00	2858.00		0.05 PH			8.3 PC	1.3 PO	78.0 PW		2.72 GD	LMSTN
2858.00	2859.00		0.04 PH			8.8 PC	1.0 PO	78.0 PW		2.70 GD	LMSTN
2859.00	2860.00		0.03 PH			8.1 PC	0.0 PO	81.0 PW		2.69 GD	LMSTN
2860.00	2861.00		0.14 PH			8.6 PC	0.0 PO	76.8 PW		2.75 GD	LMSTN
2861.00	2862.00		0.02 PH			8.4 PC	0.0 PO	80.6 PW		2.72 GD	LMSTN
2862.00	2863.00		0.08 PH			9.4 PC	0.0 PO	78.7 PW		2.70 GD	LMSTN
2863.00	2864.00		0.10 PH			9.7 PC	0.0 PO	74.0 PW		2.69 GD	LMSTN
2864.00	2865.00		0.07 PH			9.6 PC	0.0 PO	79.7 PW		2.69 GD	LMSTN
2865.00	2866.00		0.01 PH			6.7 PC	2.4 PO	78.2 PW		2.70 GD	LMSTN
2866.00	2867.00		0.07 PH			9.6 PC	0.0 PO	82.6 PW		2.70 GD	LMSTN
2867.00	2868.00		0.25 PH			12.2 PC	0.0 PO	81.6 PW		2.69 GD	LMSTN
2868.00	2869.00		0.24 PH			11.5 PC	0.0 PO	79.3 PW		2.69 GD	LMSTN
2869.00	2870.00		0.35 PH			12.7 PC	0.0 PO	75.5 PW		2.70 GD	LMSTN
2870.00	2871.00		0.16 PH			13.4 PC	0.0 PO	81.7 PW		2.68 GD	LMSTN
2871.00	2872.00		0.14 PH			11.0 PC	0.0 PO	83.4 PW		2.69 GD	LMSTN
2872.00	2873.00		0.09 PH			10.2 PC	0.0 PO	82.3 PW		2.70 GD	LMSTN
2873.00	2874.00		0.07 PH			7.9 PC	0.0 PO	78.6 PW		2.78 GD	LMSTN
2874.00	2875.00		0.48 PH			14.1 PC	0.0 PO	80.4 PW		2.70 GD	LMSTN
2875.00	2876.00		0.34 PH			13.6 PC	0.0 PO	74.4 PW		2.70 GD	LMSTN
2876.00	2877.00		0.20 PH			11.7 PC	0.0 PO	79.8 PW		2.70 GD	LMSTN
2877.00	2878.00		0.75 PH			12.1 PC	0.0 PO	72.4 PW		2.70 GD	LMSTN
2878.00	2879.00		0.62 PH			13.2 PC	0.0 PO	77.4 PW		2.69 GD	LMSTN
2879.00	2880.00		0.12 PH			10.8 PC	0.0 PO	80.6 PW		2.71 GD	LMSTN
2880.00	2881.00		0.08 PH			10.2 PC	0.0 PO	82.7 PW		2.71 GD	LMSTN
2881.00	2882.00		0.36 PH			13.7 PC	0.0 PO	78.5 PW		2.69 GD	LMSTN
2882.00	2883.00		0.19 PH			11.8 PC	0.0 PO	77.0 PW		2.70 GD	LMSTN
2883.00	2884.00		0.03 PH			9.3 PC	1.0 PO	84.1 PW		2.71 GD	LMSTN
2884.00	2885.00		0.01 PH			7.5 PC	0.0 PO	89.3 PW		2.71 GD	LMSTN
2885.00	2886.00		0.01 PH			7.2 PC	0.0 PO	86.4 PW		2.72 GD	LMSTN
2886.00	2887.00		0.01 PH			7.8 PC	0.0 PO	88.0 PW		2.75 GD	LMSTN
2887.00	2888.00		0.01 PH			7.2 PC	0.0 PO	87.7 PW		2.74 GD	LMSTN
2888.00	2889.00		0.02 PH			11.3 PC	0.0 PO	91.6 PW		2.67 GD	LMSTN
2889.00	2890.00		0.01 PH			6.6 PC	0.0 PO	90.9 PW		2.71 GD	LMSTN
2890.00	2891.00		0.01 PH			6.2 PC	1.6 PO	89.7 PW		2.70 GD	LMSTN
2891.00	2892.00		0.01 PH			7.7 PC	1.3 PO	82.7 PW		2.70 GD	LMSTN
2892.00	2893.00		0.01 PH			6.8 PC	1.2 PO	87.8 PW		2.70 GD	LMSTN
2893.00	2894.00		0.01 PH			7.2 PC	0.0 PO	91.3 PW		2.74 GD	LMSTN
2894.00	2895.00		0.01 PH			8.0 PC	0.0 PO	85.2 PW		2.71 GD	LMSTN
2895.00	2896.00		0.01 PH			9.9 PC	0.0 PO	82.7 PW		2.67 GD	LMSTN

BD	BULK DENSITY	PC	PLUG COMMON	PP	PLUG OF PERM SAMPLE	WC	WHOLE CORE COMMON	WR	RADIAL WHOLE CORE
BG	BULK VOLUME GAS	PE	PLUG EFFECTIVE	PS	PLUG OF SAT. SAMPLE	WE	WHOLE CORE EFFECTIVE	WS	WHOLE CORE SAT. SAMPLE
BO	BULK VOLUME OIL	PG	PORE SPACE GAS	PV	VERTICAL PLUG	WH	HORIZ MAX WHOLE CORE	WV	VERTICAL WHOLE CORE
BW	BULK VOLUME WATER	PH	HORIZONTAL PLUG	PW	PORE SPACE WATER	WO	WEIGHT BASE OIL	WW	WEIGHT BASE WATER
GD	GRAIN DENSITY	PO	PORE SPACE OIL	UK	UNKNOWN	WP	WHOLE CORE PERM SAMPLE	9H	HORIZONTAL 90 DEGREES

CORE ANALYSIS LISTING - CONTINUATION
CURRENT DATE - 91-09-04

EPTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
96.00	2897.00		0.01 PH			7.0 PC	0.0 PO	81.7 PW		2.72 GD	LMSTN
97.00	2898.00		0.06 PH			9.9 PC	0.0 PO	77.5 PW		2.65 GD	LMSTN
98.00	2899.00		0.04 PH			15.3 PC	0.9 PO	77.1 PW		2.61 GD	LMSTN
99.00	2900.00		0.07 PH			6.5 PC	0.0 PO	76.7 PW		2.76 GD	LMSTN
00.00	2901.00		0.03 PH			5.0 PC	0.0 PO	74.3 PW		2.69 GD	LMSTN
01.00	2902.00		0.01 PH			3.3 PC	0.0 PO	86.3 PW		2.70 GD	LMSTN
02.00	2903.00		1.40 PH			5.3 PC	0.0 PO	89.2 PW		2.72 GD	LMSTN
03.00	2904.00		0.01 PH			8.3 PC	1.4 PO	84.5 PW		2.71 GD	LMSTN
04.00	2905.00		0.01 PH			6.7 PC	2.1 PO	82.6 PW		2.73 GD	LMSTN
05.00	2906.00		0.01 PH			6.9 PC	3.0 PO	89.6 PW		2.65 GD	LMSTN
06.00	2907.00		0.01 PH			3.8 PC	2.4 PO	84.6 PW		2.70 GD	LMSTN
07.00	2908.00		0.01 PH			5.3 PC	0.0 PO	75.3 PW		2.73 GD	LMSTN
08.00	2909.00		0.01 PH			5.2 PC	0.0 PO	88.5 PW		2.72 GD	LMSTN
09.00	2910.00		0.01 PH			6.6 PC	0.0 PO	85.9 PW		2.72 GD	LMSTN
10.00	2911.00		0.01 PH			3.5 PC	0.0 PO	84.2 PW		2.61 GD	LMSTN
11.00	2912.00		0.01 PH			4.2 PC	0.0 PO	90.8 PW		2.71 GD	LMSTN
12.00	2913.00		0.01 PH			4.8 PC	0.0 PO	82.3 PW		2.70 GD	LMSTN
13.00	2914.00		0.02 PH			5.5 PC	0.0 PO	86.8 PW		2.72 GD	LMSTN
14.00	2915.00		0.01 PH			6.8 PC	0.0 PO	88.0 PW		2.71 GD	LMSTN
15.00	2916.00		0.01 PH			2.9 PC	2.3 PO	82.1 PW		2.70 GD	LMSTN
16.00	2917.00		0.01 PH			3.3 PC	0.0 PO	83.7 PW		2.70 GD	LMSTN
17.00	2918.00		0.01 PH			7.4 PC	0.0 PO	84.3 PW		2.73 GD	LMSTN
18.00	2919.00		0.01 PH			4.8 PC	0.0 PO	75.7 PW		2.70 GD	LMSTN
19.00	2920.00		0.01 PH			5.5 PC	0.0 PO	82.6 PW		2.70 GD	LMSTN
20.00	2921.00		0.01 PH			3.7 PC	0.0 PO	77.7 PW		2.68 GD	LMSTN
21.00	2922.00		0.01 PH			1.6 PC	0.0 PO	87.3 PW		2.69 GD	LMSTN
22.00	2923.00		0.01 PH			4.7 PC	0.0 PO	84.9 PW		2.71 GD	LMSTN
23.00	2924.00		0.01 PH			2.4 PC	0.0 PO	94.6 PW		2.68 GD	LMSTN
24.00	2925.00		0.01 PH			4.1 PC	0.0 PO	90.7 PW		2.75 GD	LMSTN
25.00	2926.00		0.01 PH			0.6 PC	2.0 PO	91.7 PW		2.66 GD	LMSTN
26.00	2927.00		0.01 PH			6.9 PC	0.0 PO	87.8 PW		2.71 GD	SNDSTN
27.00	2928.00		0.01 PH			6.9 PC	0.0 PO	88.4 PW		2.69 GD	SNDSTN
28.00	2929.00		0.01 PH			9.8 PC	0.0 PO	93.3 PW		2.69 GD	SNDSTN
29.00	2930.00					10.1 PC	0.0 PO	93.9 PW		2.69 GD	SILT
43.00	2944.00		0.04 PH			4.8 PC	0.0 PO	89.0 PW		2.68 GD	SNDSTN
44.00	2945.00		0.01 PH			2.0 PC	0.0 PO	89.0 PW		2.68 GD	LMSTN
45.00	2946.00		0.02 PH			7.3 PC	0.0 PO	79.3 PW		2.68 GD	LMSTN
46.00	2947.00		0.07 PH			9.7 PC	0.0 PO	76.6 PW		2.64 GD	LMSTN
47.00	2948.00		0.08 PH			9.2 PC	0.0 PO	80.7 PW		2.64 GD	LMSTN
48.00	2949.00		0.11 PH			9.0 PC	0.0 PO	65.6 PW		2.66 GD	LMSTN
49.00	2950.00		2.30 PH			10.2 PC	0.0 PO	73.3 PW		2.79 GD	LMSTN
50.00	2951.00		4.80 PH			15.1 PC	0.0 PO	83.3 PW		2.72 GD	LMSTN
51.00	2952.00		2.00 PH			9.1 PC	0.0 PO	72.1 PW		2.70 GD	LMSTN
52.00	2953.00		0.05 PH			9.2 PC	0.0 PO	83.7 PW		2.72 GD	LMSTN
53.00	2954.00		0.06 PH			12.3 PC	0.0 PO	69.4 PW		2.64 GD	LMSTN

BULK DENSITY
BULK VOLUME GAS
BULK VOLUME OIL
BULK VOLUME WATER
GRAIN DENSITY

PC PLUG COMMON
PE PLUG EFFECTIVE
PG PORE SPACE GAS
PH HORIZONTAL PLUG
PO PORE SPACE OIL

PP PLUG OF PERM SAMPLE
PS PLUG OF SAT. SAMPLE
PV VERTICAL PLUG
PW PORE SPACE WATER
UK UNKNOWN

WC WHOLE CORE COMMON
WE WHOLE CORE EFFECTIVE
WH HORIZ MAX WHOLE CORE
WO WEIGHT BASE OIL
WP WHOLE CORE PERM SAMPLE

WR RADIAL WHOLE CORE
WS WHOLE CORE SAT. SAMPLE
WV VERTICAL WHOLE CORE
WW WEIGHT BASE WATER
9H HORIZONTAL 90 DEGREES

PTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
96.00	2897.00		0.01 PH			7.0 PC	0.0 PO	81.7 PW		2.72 GD	LMSTN
97.00	2898.00		0.06 PH			9.9 PC	0.0 PO	77.5 PW		2.65 GD	LMSTN
98.00	2899.00		0.04 PH			15.3 PC	0.9 PO	77.1 PW		2.61 GD	LMSTN
99.00	2900.00		0.07 PH			6.5 PC	0.0 PO	76.7 PW		2.76 GD	LMSTN
00.00	2901.00		0.03 PH			5.0 PC	0.0 PO	74.3 PW		2.69 GD	LMSTN
01.00	2902.00		0.01 PH			3.3 PC	0.0 PO	86.3 PW		2.70 GD	LMSTN
02.00	2903.00		1.40 PH			5.3 PC	0.0 PO	89.2 PW		2.72 GD	LMSTN
03.00	2904.00		0.01 PH			8.3 PC	1.4 PO	84.5 PW		2.71 GD	LMSTN
04.00	2905.00		0.01 PH			6.7 PC	2.1 PO	82.6 PW		2.73 GD	LMSTN
05.00	2906.00		0.01 PH			6.9 PC	3.0 PO	89.6 PW		2.65 GD	LMSTN
06.00	2907.00		0.01 PH			3.8 PC	2.4 PO	84.6 PW		2.70 GD	LMSTN
07.00	2908.00		0.01 PH			5.3 PC	0.0 PO	75.3 PW		2.73 GD	LMSTN
08.00	2909.00		0.01 PH			5.2 PC	0.0 PO	88.5 PW		2.72 GD	LMSTN
09.00	2910.00		0.01 PH			6.6 PC	0.0 PO	85.9 PW		2.72 GD	LMSTN
10.00	2911.00		0.01 PH			3.5 PC	0.0 PO	84.2 PW		2.61 GD	LMSTN
11.00	2912.00		0.01 PH			4.2 PC	0.0 PO	90.8 PW		2.71 GD	LMSTN
12.00	2913.00		0.01 PH			4.8 PC	0.0 PO	82.3 PW		2.70 GD	LMSTN
13.00	2914.00		0.02 PH			5.5 PC	0.0 PO	86.8 PW		2.72 GD	LMSTN
14.00	2915.00		0.01 PH			6.8 PC	0.0 PO	88.0 PW		2.71 GD	LMSTN
15.00	2916.00		0.01 PH			2.9 PC	2.3 PO	82.1 PW		2.70 GD	LMSTN
16.00	2917.00		0.01 PH			3.3 PC	0.0 PO	83.7 PW		2.70 GD	LMSTN
17.00	2918.00		0.01 PH			7.4 PC	0.0 PO	84.3 PW		2.73 GD	LMSTN
18.00	2919.00		0.01 PH			4.8 PC	0.0 PO	75.7 PW		2.70 GD	LMSTN
19.00	2920.00		0.01 PH			5.5 PC	0.0 PO	82.6 PW		2.70 GD	LMSTN
20.00	2921.00		0.01 PH			3.7 PC	0.0 PO	77.7 PW		2.68 GD	LMSTN
21.00	2922.00		0.01 PH			1.6 PC	0.0 PO	87.3 PW		2.69 GD	LMSTN
22.00	2923.00		0.01 PH			4.7 PC	0.0 PO	84.9 PW		2.71 GD	LMSTN
23.00	2924.00		0.01 PH			2.4 PC	0.0 PO	94.6 PW		2.68 GD	LMSTN
24.00	2925.00		0.01 PH			4.1 PC	0.0 PO	90.7 PW		2.75 GD	LMSTN
25.00	2926.00		0.01 PH			0.6 PC	2.0 PO	91.7 PW		2.66 GD	LMSTN
26.00	2927.00		0.01 PH			6.9 PC	0.0 PO	87.8 PW		2.71 GD	SNDSTN
27.00	2928.00		0.01 PH			6.9 PC	0.0 PO	88.4 PW		2.69 GD	SNDSTN
28.00	2929.00		0.01 PH			9.8 PC	0.0 PO	93.3 PW		2.69 GD	SNDSTN
29.00	2930.00					10.1 PC	0.0 PO	93.9 PW		2.69 GD	SILT
43.00	2944.00		0.04 PH			4.8 PC	0.0 PO	89.0 PW		2.68 GD	SNDSTN
44.00	2945.00		0.01 PH			2.0 PC	0.0 PO	89.0 PW		2.68 GD	LMSTN
45.00	2946.00		0.02 PH			7.3 PC	0.0 PO	79.3 PW		2.68 GD	LMSTN
46.00	2947.00		0.07 PH			9.7 PC	0.0 PO	76.6 PW		2.64 GD	LMSTN
47.00	2948.00		0.08 PH			9.2 PC	0.0 PO	80.7 PW		2.64 GD	LMSTN
48.00	2949.00		0.11 PH			9.0 PC	0.0 PO	65.6 PW		2.66 GD	LMSTN
49.00	2950.00		2.30 PH			10.2 PC	0.0 PO	73.3 PW		2.79 GD	LMSTN
50.00	2951.00		4.80 PH			15.1 PC	0.0 PO	83.3 PW		2.72 GD	LMSTN
51.00	2952.00		2.00 PH			9.1 PC	0.0 PO	72.1 PW		2.70 GD	LMSTN
52.00	2953.00		0.05 PH			9.2 PC	0.0 PO	83.7 PW		2.72 GD	LMSTN
53.00	2954.00		0.06 PH			12.3 PC	0.0 PO	69.4 PW		2.64 GD	LMSTN

BULK DENSITY
BULK VOLUME GAS
BULK VOLUME OIL
BULK VOLUME WATER
GRAIN DENSITY

PC PLUG COMMON
PE PLUG EFFECTIVE
PG PORE SPACE GAS
PH HORIZONTAL PLUG
PO PORE SPACE OIL

PP PLUG OF PERM SAMPLE
PS PLUG OF SAT. SAMPLE
PV VERTICAL PLUG
PW PORE SPACE WATER
UK UNKNOWN

WC WHOLE CORE COMMON
WE WHOLE CORE EFFECTIVE
WH HORIZ MAX WHOLE CORE
WO WEIGHT BASE OIL
WP WHOLE CORE PERM SAMPLE

WR RADIAL WHOLE CORE
WS WHOLE CORE SAT. SAMPLE
WV VERTICAL WHOLE CORE
WW WEIGHT BASE WATER
9H HORIZONTAL 90 DEGREES

DEPTH TOP	DEPTH BASE	INT SUB	PERMEABILITY HORIZ MAX	PERMEABILITY HORIZ 90	PERMEABILITY VERTICAL	POROSITY	OIL	WATER	GAS	DENSITY	LITHOLOGY
2954.00	2955.00		0.01 PH			7.2 PC	0.0 PO	79.1 PW		2.69 GD	LMSTN
2955.00	2956.00		0.01 PH			8.0 PC	0.0 PO	79.3 PW		2.69 GD	LMSTN
2956.00	2957.00		0.01 PH			4.6 PC	0.0 PO	91.8 PW		2.70 GD	LMSTN
2957.00	2958.00		0.01 PH			6.6 PC	0.0 PO	79.8 PW		2.70 GD	LMSTN
2958.00	2959.00		0.01 PH			5.8 PC	0.0 PO	76.5 PW		2.73 GD	LMSTN
2959.00	2960.00		0.01 PH			6.2 PC	0.0 PO	78.7 PW		2.74 GD	LMSTN
2960.00	2961.00		0.04 PH			7.2 PC	0.0 PO	85.7 PW		2.64 GD	LMSTN
2961.00	2962.00		0.07 PH			16.2 PC	0.0 PO	71.1 PW		2.60 GD	LMSTN
2962.00	2963.00		0.09 PH			12.4 PC	0.0 PO	80.6 PW		2.65 GD	LMSTN
2963.00	2964.00		0.24 PH			12.4 PC	0.0 PO	74.0 PW		2.63 GD	LMSTN
2964.00	2965.00		0.16 PH			12.2 PC	0.0 PO	83.9 PW		2.65 GD	LMSTN
2965.00	2966.00		0.17 PH			12.2 PC	0.0 PO	62.9 PW		2.65 GD	LMSTN
2966.00	2967.00		0.25 PH			14.6 PC	0.0 PO	76.3 PW		2.61 GD	LMSTN
2967.00	2968.00		0.06 PH			11.8 PC	0.0 PO	79.5 PW		2.69 GD	LMSTN
2968.00	2969.00		0.24 PH			9.0 PC	0.0 PO	68.3 PW		2.60 GD	LMSTN
2969.00	2970.00		0.17 PH			13.2 PC	0.0 PO	65.0 PW		2.67 GD	LMSTN
2970.00	2971.00		0.07 PH			11.3 PC	0.0 PO	88.3 PW		2.69 GD	LMSTN
2971.00	2972.00		0.01 PH			5.8 PC	0.0 PO	90.2 PW		2.69 GD	LMSTN
2972.00	2973.00		0.01 PH			4.4 PC	0.0 PO	90.4 PW		2.68 GD	LMSTN
2973.00	2974.00		0.01 PH			4.5 PC	0.0 PO	88.9 PW		2.69 GD	LMSTN
2974.00	2975.00		0.01 PH			3.5 PC	0.0 PO	82.0 PW		2.68 GD	LMSTN

BD	BULK DENSITY	PC	PLUG COMMON	PP	PLUG OF PERM SAMPLE	WC	WHOLE CORE COMMON	WR	RADIAL WHOLE CORE
BG	BULK VOLUME GAS	PE	PLUG EFFECTIVE	PS	PLUG OF SAT. SAMPLE	WE	WHOLE CORE EFFECTIVE	WS	WHOLE CORE SAT. SAMPLE
BO	BULK VOLUME OIL	PG	PORE SPACE GAS	PV	VERTICAL PLUG	WH	HORIZ MAX WHOLE CORE	WV	VERTICAL WHOLE CORE
BW	BULK VOLUME WATER	PH	HORIZONTAL PLUG	PW	PORE SPACE WATER	WO	WEIGHT BASE OIL	WW	WEIGHT BASE WATER
GD	GRAIN DENSITY	PO	PORE SPACE OIL	UK	UNKNOWN	WP	WHOLE CORE PERM SAMPLE	9H	HORIZONTAL 90 DEGREES