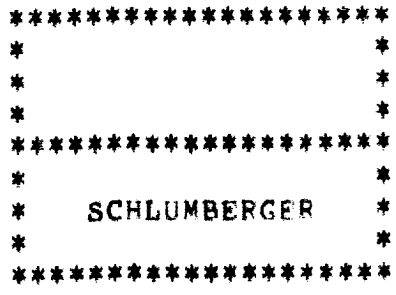
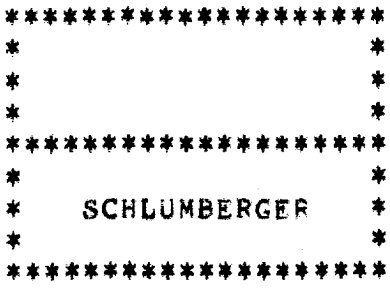


COMPUTER PROCESSED INTERPRETATION CORIBAND

COMPANY	:	AMOCO PRODUCTION CO.
WELL	:	FEDERAL "CS" #1
FIELD	:	WILDCAT
COUNTRY	:	LEA
REFERENCE	:	NEWMEXICO
LOGGED	:	10-APR-82
PROCESSED	:	25-APR-82



COMPUTER PROCESSED INTERPRETATION CORIBAND

COMPANY	:	AMOCO PRODUCTION CO.
WELL	:	FEDERAL "CS" #1
FIELD	:	WILDCAT
COUNTRY	:	LEA
REFERENCE	:	NEWMEXICO
LOGGED	:	10-APR-82
PROCESSED	:	25-APR-82

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMU LATIVE POR/ FT	CUMU LATIVE HC/ FT
7295.0	0	2.70	18	0	5.05	0	40.39	22.50
7296.0	7	2.70	20	0	4.65	0	40.34	22.46
7297.0	11	2.70	25	0	5.05	0	40.29	22.42
7298.0	13	2.68	39	0	3.04	0	40.24	22.39
7300.0	0	2.74	22	0	2.95	0	40.20	22.36
7301.0	0	2.69	12	0	3.12	0	40.17	22.33
7302.0	0	2.69	11	0	2.87	0	40.14	22.31
7303.0	3	2.71	15	0	2.49	0	40.11	22.28
7304.0	8	2.71	16	0	2.87	0	40.08	22.26
7305.0	8	2.69	13	0	3.44	0	40.05	22.23
7306.0	8	2.70	12	0	4.20	0	40.01	22.20
7307.0	8	2.70	12	3	6.73	.19	39.96	22.15
7308.0	9	2.70	16	1	5.80	0	39.89	22.10
7309.0	8	2.69	14	2	5.83	0	39.84	22.05
7310.0	8	2.71	14	2	6.54	0	39.78	21.99
7311.0	7	2.70	15	2	6.61	0	39.71	21.94
7312.0	6	2.70	15	3	7.06	0	39.64	21.88
7313.0	6	2.71	18	1	6.26	0	39.57	21.82
7314.0	5	2.68	15	2	6.52	0	39.51	21.77
7315.0	15	2.71	16	2	6.53	0	39.45	21.71
7316.0	21	2.70	33	0	3.84	0	39.39	21.67
7317.0	9	2.69	23	0	4.63	0	39.35	21.64
7318.0	3	2.69	11	4	6.47	0	39.30	21.60
7319.0	3	2.72	11	2	5.77	0	39.23	21.54
7320.0	13	2.70	19	0	3.37	0	39.18	21.50
7321.0	5	2.69	18	0	3.45	0	39.15	21.47
7322.0	1	2.69	13	0	4.11	0	39.11	21.44
7323.0	5	2.69	17	0	3.18	0	39.07	21.40
7324.0	0	2.72	13	0	3.95	0	39.04	21.38
7325.0	5	2.69	16	0	3.04	0	39.01	21.35
7326.0	9	2.68	19	0	3.36	0	38.97	21.32
7328.0	7	2.71	16	0	3.92	0	38.92	21.29
7329.0	7	2.70	12	3	6.50	0	38.88	21.25
7330.0	2	2.69	11	8	7.60	0	38.81	21.19
7331.0	10	2.70	15	1	5.11	0	38.74	21.13
7332.0	18	2.70	23	0	3.39	0	38.70	21.09
7333.0	16	2.69	20	0	4.04	0	38.66	21.06
7334.0	9	2.69	26	0	2.75	0	38.62	21.03
7335.0	5	2.69	18	0	2.96	0	38.60	21.01
7336.0	0	2.68	10	1	4.57	0	38.56	20.98
7337.0	0	2.71	10	0	3.70	0	38.52	20.94
7338.0	3	2.72	12	0	3.06	0	38.48	20.91
7339.0	1	2.72	8	1	4.36	0	38.45	20.89
7340.0	9	2.69	9	0	3.54	0	38.41	20.85
7341.0	0	2.72	7	12	6.79	0	38.37	20.81
7342.0	2	2.68	8	3	5.42	0	38.31	20.75

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7343.0	2	2.69	9	1	4.18	0	38.26	20.70
7344.0	1	2.69	9	1	4.53	0	38.21	20.66
7345.0	1	2.69	10	1	4.23	0	38.17	20.62
7346.0	0	2.70	11	0	3.63	0	38.13	20.59
7347.0	0	2.71	9	1	4.13	0	38.09	20.56
7348.0	0	2.71	8	2	4.85	0	38.05	20.52
7349.0	0	2.73	9	2	5.32	0	38.00	20.47
7350.0	7	2.71	11	1	4.56	0	37.95	20.42
7351.0	0	2.73	8	6	6.34	0	37.90	20.38
7352.0	17	2.69	15	0	3.26	0	37.84	20.33
7353.0	19	2.71	10	3	5.75	0	37.80	20.29
7354.0	15	2.71	8	12	7.37	0	37.74	20.24
7355.0	1	2.73	7	39	8.91	0	37.67	20.17
7356.0	0	2.74	7	22	7.91	0	37.58	20.09
7357.0	2	2.73	7	16	7.53	0	37.51	20.02
7358.0	11	2.70	8	8	6.65	0	37.44	19.96
7359.0	10	2.71	8	8	6.68	0	37.37	19.90
7360.0	7	2.71	7	26	7.98	0	37.30	19.83
7361.0	7	2.72	7	33	8.53	0	37.21	19.75
7362.0	4	2.71	7	66	9.99	0	37.12	19.67
7363.0	0	2.71	7	51	9.48	0	37.02	19.57
7364.0	0	2.70	7	38	8.68	0	36.93	19.49
7365.0	0	2.72	6	75	9.64	0	36.84	19.40
7366.0	0	2.70	6	48	8.99	0	36.75	19.31
7367.0	0	2.70	7	14	7.18	0	36.66	19.23
7368.0	1	2.69	7	11	6.67	0	36.59	19.17
7369.0	8	2.70	8	1	4.30	0	36.53	19.11
7370.0	0	2.74	7	12	6.80	0	36.48	19.06
7371.0	1	2.72	7	35	8.48	0	36.41	19.00
7372.0	1	2.70	7	48	9.13	0	36.32	18.92
7373.0	4	2.71	7	17	7.66	0	36.23	18.83
7374.0	4	2.70	8	9	6.80	0	36.16	18.77
7375.0	3	2.71	7	18	7.65	0	36.09	18.70
7376.0	3	2.71	7	15	7.39	0	36.01	18.63
7377.0	2	2.70	7	21	7.73	0	35.94	18.56
7378.0	6	2.71	7	10	6.69	0	35.86	18.49
7379.0	8	2.70	7	13	6.86	0	35.80	18.43
7380.0	5	2.71	6	59	9.23	0	35.72	18.36
7381.0	1	2.72	6	117	10.66	0	35.62	18.27
7382.0	1	2.72	6	225	12.13	0	35.51	18.16
7383.0	0	2.72	6	242	12.34	0	35.39	18.05
7384.0	0	2.71	6	97	10.28	0	35.27	17.93
7385.0	0	2.70	7	21	7.76	0	35.17	17.84
7386.0	0	2.69	8	7	6.32	0	35.10	17.78
7387.0	0	2.69	8	3	5.39	0	35.04	17.72
7388.0	0	2.70	7	4	5.34	0	34.99	17.67
7389.0	0	2.70	6	19	7.34	0	34.93	17.62
7390.0	3	2.71	7	6	5.98	0	34.86	17.55
7391.0	2	2.73	7	8	6.13	0	34.80	17.50

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7392.0	4	2.70	6	45	8.62	0	34.74	17.44
7393.0	0	2.70	6	106	10.28	0	34.64	17.35
7394.0	0	2.71	6	199	11.93	.25	34.54	17.25
7395.0	0	2.68	7	105	10.79	0	34.42	17.14
7396.0	0	2.70	9	3	5.47	0	34.32	17.05
7397.0	2	2.70	12	0	2.80	0	34.28	17.01
7398.0	3	2.70	12	0	2.54	0	34.25	16.99
7400.0	3	2.71	13	0	2.20	0	34.21	16.95
7401.0	0	2.70	9	0	3.64	0	34.19	16.93
7402.0	2	2.70	11	0	2.76	0	34.15	16.90
7403.0	2	2.71	13	0	2.42	0	34.13	16.88
7404.0	1	2.71	13	0	2.62	0	34.10	16.85
7405.0	5	2.70	14	0	2.85	0	34.08	16.83
7406.0	3	2.70	12	0	3.39	0	34.05	16.81
7407.0	0	2.71	12	0	3.06	0	34.01	16.78
7408.0	0	2.69	16	0	3.10	0	33.98	16.75
7409.0	0	2.71	12	0	4.13	0	33.95	16.73
7410.0	0	2.72	9	2	4.96	0	33.91	16.69
7411.0	0	2.70	8	7	6.52	0	33.85	16.64
7412.0	0	2.71	10	1	4.91	0	33.79	16.58
7413.0	0	2.70	11	1	4.59	0	33.75	16.54
7414.0	0	2.69	8	17	7.89	0	33.69	16.49
7415.0	1	2.72	9	20	8.45	.02	33.61	16.42
7416.0	7	2.72	10	55	11.17	1.04	33.52	16.34
7417.0	6	2.73	11	75	12.50	0	33.40	16.23
7418.0	6	2.72	12	35	11.11	0	33.28	16.12
7419.0	10	2.71	13	22	10.40	0	33.17	16.02
7420.0	12	2.72	18	4	8.33	0	33.07	15.94
7421.0	4	2.71	16	11	9.77	0	32.99	15.87
7422.0	0	2.71	13	36	11.55	0	32.88	15.79
7423.0	0	2.71	14	24	11.03	0	32.77	15.68
7424.0	1	2.70	17	11	10.07	0	32.66	15.59
7425.0	7	2.71	19	8	9.73	0	32.56	15.51
7426.0	15	2.73	20	11	10.70	1.50	32.46	15.42
7427.0	11	2.71	19	10	10.30	0	32.35	15.34
7428.0	6	2.71	14	40	12.22	0	32.25	15.25
7429.0	15	2.71	18	8	9.47	0	32.13	15.15
7430.0	24	2.71	44	0	4.00	0	32.05	15.09
7431.0	12	2.69	28	0	6.16	0	32.01	15.07
7432.0	1	2.69	18	6	8.75	0	31.94	15.02
7433.0	2	2.70	20	5	9.04	0	31.86	14.95
7434.0	7	2.71	29	1	7.22	0	31.77	14.88
7435.0	15	2.70	60	0	2.99	0	31.71	14.84
7436.0	20	2.72	19	2	7.13	.98	31.67	14.82
7437.0	9	2.71	13	35	11.54	2.93	31.60	14.75
7438.0	5	2.71	13	31	11.11	0	31.48	14.65
7439.0	11	2.73	13	45	12.09	0	31.37	14.55
7440.0	14	2.71	14	24	10.95	0	31.24	14.45

DEPTH FT	VCL %	RDMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7441.0	16	2.73	16	11	9.76	0	31.14	14.36
7442.0	13	2.71	15	29	11.61	0	31.04	14.27
7443.0	21	2.73	16	17	10.80	0	30.92	14.17
7444.0	25	2.72	24	2	7.97	0	30.82	14.09
7445.0	14	2.69	38	0	4.90	0	30.75	14.04
7446.0	1	2.71	29	0	4.64	0	30.71	14.01
7447.0	0	2.74	13	3	6.42	0	30.66	13.98
7448.0	2	2.76	16	4	7.68	0	30.59	13.92
7449.0	0	2.76	19	2	7.00	0	30.52	13.86
7450.0	14	2.69	19	1	5.45	0	30.45	13.80
7451.0	7	2.70	14	3	6.95	0	30.39	13.75
7452.0	13	2.71	15	3	7.33	0	30.32	13.69
7453.0	18	2.71	19	2	7.58	.37	30.24	13.63
7454.0	22	2.70	24	0	5.88	0	30.17	13.57
7455.0	26	2.69	28	0	4.53	0	30.11	13.53
7456.0	27	2.70	34	0	4.04	0	30.07	13.50
7457.0	30	2.71	34	0	4.13	.36	30.03	13.47
7458.0	34	2.69	49	0	2.93	0	29.99	13.45
7459.0	28	2.69	45	0	3.43	0	29.96	13.43
7460.0	21	2.69	62	0	2.59	0	29.93	13.41
7461.0	4	2.70	53	0	2.42	0	29.90	13.40
7462.0	0	2.72	12	1	5.49	0	29.87	13.38
7463.0	2	2.70	13	6	7.80	1.41	29.81	13.33
7464.0	0	2.69	14	11	9.10	0	29.73	13.25
7465.0	1	2.69	14	10	9.18	0	29.63	13.18
7466.0	8	2.71	16	11	9.85	0	29.54	13.10
7467.0	17	2.72	22	5	9.35	.55	29.45	13.02
7468.0	12	2.68	36	0	5.51	0	29.36	12.96
7469.0	14	2.68	43	0	3.12	0	29.32	12.93
7470.0	7	2.73	23	0	4.85	0	29.28	12.91
7471.0	7	2.73	23	0	5.19	0	29.24	12.87
7472.0	23	2.69	35	0	3.50	0	29.19	12.84
7473.0	13	2.72	22	1	5.94	0	29.16	12.82
7474.0	6	2.75	19	1	6.39	0	29.10	12.77
7475.0	9	2.74	20	0	5.35	0	29.04	12.72
7476.0	5	2.72	15	1	5.42	0	28.98	12.68
7477.0	0	2.74	11	22	9.54	0	28.92	12.62
7478.0	2	2.75	16	2	6.67	0	28.83	12.55
7479.0	7	2.71	38	0	2.69	0	28.78	12.51
7480.0	8	2.69	21	0	3.75	0	28.75	12.49
7481.0	2	2.73	18	0	5.12	0	28.71	12.45
7482.0	11	2.71	47	0	2.03	0	28.66	12.42
7484.0	12	2.68	28	0	2.96	0	28.62	12.39
7485.0	2	2.70	15	1	5.07	0	28.59	12.37
7486.0	0	2.72	11	3	6.12	0	28.54	12.32
7487.0	3	2.72	12	2	5.80	0	28.48	12.27
7488.0	6	2.72	11	3	6.15	0	28.42	12.21
7489.0	13	2.69	21	0	2.89	0	28.37	12.17

DEPTH FT	VCL %	RCMA G/C3	SW %	PERM MD	POR %	SPI %	CUMU LATIVE POR/ FT	HC/ FT
7490.0	11	2.69	13	0	4.42	0	28.34	12.15
7491.0	7	2.74	14	1	4.62	0	28.29	12.10
7492.0	28	2.69	24	0	2.44	0	28.25	12.08
7493.0	23	2.72	16	1	5.08	.67	28.21	12.04
7494.0	19	2.76	14	4	7.14	0	28.15	11.99
7495.0	38	2.76	17	1	5.16	0	28.08	11.93
7496.0	39	2.71	19	0	3.61	0	28.04	11.89
7497.0	14	2.68	12	1	5.26	0	28.00	11.86
7498.0	12	2.71	11	7	7.51	0	27.94	11.81
7499.0	21	2.70	18	0	4.63	.71	27.86	11.74
7500.0	21	2.71	13	4	7.04	0	27.81	11.70
7501.0	19	2.72	10	51	11.13	1.03	27.73	11.63
7502.0	22	2.72	10	49	11.17	1.61	27.62	11.52
7503.0	31	2.72	15	3	6.99	0	27.51	11.43
7505.0	17	2.79	24	0	3.74	0	27.44	11.38
7506.0	18	2.73	24	0	3.96	0	27.40	11.35
7507.0	7	2.70	25	0	3.51	0	27.36	11.32
7508.0	2	2.68	26	0	3.32	0	27.33	11.30
7509.0	0	2.69	24	0	3.06	0	27.30	11.27
7510.0	3	2.69	29	0	3.09	0	27.27	11.25
7511.0	4	2.71	29	0	3.19	0	27.24	11.23
7512.0	4	2.73	32	0	3.05	0	27.21	11.21
7513.0	0	2.74	25	0	3.69	0	27.17	11.18
7514.0	0	2.72	18	0	4.10	0	27.13	11.15
7515.0	3	2.69	18	0	3.92	0	27.09	11.12
7516.0	5	2.70	16	1	5.40	0	27.05	11.08
7517.0	11	2.71	15	2	6.53	.43	26.99	11.03
7518.0	14	2.71	15	5	7.83	.94	26.92	10.97
7519.0	15	2.74	12	46	11.71	2.54	26.83	10.90
7520.0	13	2.72	11	87	13.04	1.18	26.70	10.78
7521.0	16	2.73	13	35	11.60	0	26.58	10.67
7522.0	17	2.71	17	4	8.11	0	26.47	10.58
7523.0	15	2.72	21	0	4.66	0	26.40	10.52
7524.0	13	2.76	27	0	3.07	0	26.36	10.49
7525.0	4	2.73	17	0	4.30	0	26.32	10.46
7526.0	8	2.69	16	1	4.88	0	26.28	10.43
7527.0	7	2.70	14	3	6.80	.20	26.23	10.38
7528.0	14	2.70	15	2	6.47	1.53	26.16	10.32
7529.0	7	2.75	13	8	8.14	0	26.10	10.27
7530.0	4	2.71	13	9	8.36	0	26.01	10.20
7531.0	1	2.70	13	6	7.54	0	25.93	10.12
7532.0	0	2.70	17	1	5.20	0	25.86	10.06
7533.0	1	2.71	15	1	6.04	0	25.81	10.02
7534.0	1	2.69	14	1	5.82	0	25.76	9.98
7535.0	0	2.70	14	2	6.29	0	25.70	9.93
7536.0	0	2.70	17	1	6.04	0	25.64	9.88
7537.0	0	2.72	17	0	5.02	0	25.58	9.83
7538.0	10	2.71	30	0	2.28	0	25.53	9.79

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7539.0	13	2.71	32	0	2.15	0	25.51	9.77
7540.0	14	2.70	17	0	4.67	0	25.48	9.76
7541.0	11	2.70	13	4	7.13	1.20	25.43	9.71
7542.0	3	2.73	11	10	8.18	0	25.36	9.65
7543.0	0	2.78	10	49	10.92	.22	25.27	9.57
7544.0	17	2.78	14	5	7.56	1.46	25.16	9.47
7545.0	18	2.70	13	5	7.33	.37	25.10	9.41
7546.0	2	2.72	10	64	11.90	0	25.01	9.34
7547.0	16	2.72	18	5	8.53	1.78	24.88	9.22
7548.0	27	2.70	30	0	5.88	.60	24.81	9.17
7549.0	3	2.81	14	66	13.65	0	24.73	9.10
7550.0	18	2.75	15	57	13.60	0	24.59	8.98
7551.0	18	2.74	18	16	11.34	2.09	24.45	8.87
7552.0	25	2.68	22	4	8.95	0	24.35	8.78
7555.0	0	2.77	61	0	2.85	0	24.26	8.73
7557.0	0	2.82	97	0	2.51	0	24.21	8.72
7558.0	0	2.82	72	0	3.13	0	24.18	8.71
7559.0	0	2.76	41	0	5.45	0	24.14	8.70
7560.0	0	2.82	61	0	3.90	0	24.09	8.66
7561.0	0	2.81	98	0	2.45	0	24.05	8.65
7562.0	3	2.83	83	0	2.31	0	24.02	8.65
7572.0	0	2.81	46	0	2.47	0	23.92	8.64
7573.0	2	2.80	51	0	2.22	0	23.89	8.62
7585.0	0	2.70	35	0	2.36	0	23.75	8.58
7586.0	0	2.73	21	0	2.71	0	23.73	8.56
7594.0	0	2.80	26	0	2.08	0	23.64	8.51
7616.0	5	2.72	36	0	2.44	0	23.43	8.44
7617.0	9	2.72	33	0	2.21	0	23.41	8.42
7618.0	2	2.76	24	0	3.05	0	23.38	8.40
7619.0	0	2.77	29	0	2.39	0	23.35	8.38
7620.0	0	2.78	30	0	2.18	0	23.33	8.37
7621.0	0	2.82	19	0	2.66	0	23.31	8.35
7622.0	0	2.80	15	0	2.98	0	23.28	8.33
7623.0	0	2.77	13	0	3.08	0	23.25	8.30
7624.0	2	2.76	17	0	2.43	0	23.22	8.28
7626.0	2	2.81	15	0	2.63	0	23.17	8.24
7627.0	0	2.75	13	0	3.37	0	23.15	8.22
7628.0	0	2.74	14	0	2.94	0	23.12	8.19
7629.0	0	2.75	15	0	3.16	0	23.09	8.16
7630.0	0	2.78	16	0	2.70	0	23.06	8.14
7631.0	11	2.76	17	0	2.27	0	23.03	8.11
7632.0	10	2.72	17	0	2.26	0	23.01	8.10

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7637.0	0	2.71	11	0	2.52	0	22.91	8.01
7643.0	3	2.82	13	5	7.31	1.09	22.81	7.95
7644.0	7	2.79	15	1	5.64	0	22.74	7.88
7645.0	19	2.78	25	0	2.91	0	22.69	7.84
7647.0	5	2.71	14	0	2.45	0	22.66	7.82
7648.0	1	2.71	13	0	2.57	0	22.63	7.80
7649.0	1	2.74	16	0	2.05	0	22.61	7.78
7650.0	0	2.71	15	0	2.10	0	22.59	7.76
7652.0	0	2.73	12	0	2.31	0	22.55	7.73
7653.0	0	2.72	12	0	2.20	0	22.53	7.71
7655.0	0	2.72	12	0	2.22	0	22.49	7.67
7656.0	0	2.72	13	0	2.32	0	22.47	7.65
7659.0	0	2.76	13	0	2.64	0	22.41	7.61
7660.0	0	2.73	12	0	2.78	0	22.38	7.58
7661.0	0	2.73	12	0	2.51	0	22.35	7.56
7662.0	3	2.70	13	0	2.66	0	22.32	7.53
7663.0	0	2.71	14	0	2.39	0	22.30	7.51
7664.0	4	2.71	15	0	2.30	0	22.27	7.49
7665.0	7	2.76	19	0	2.45	0	22.25	7.47
7666.0	13	2.78	19	0	3.34	.13	22.22	7.44
7669.0	0	2.73	13	0	2.56	0	22.16	7.40
7670.0	2	2.73	14	0	2.45	0	22.14	7.38
7671.0	0	2.72	14	0	2.55	0	22.11	7.36
7672.0	0	2.72	15	0	2.23	0	22.09	7.33
7675.0	0	2.72	13	0	2.43	0	22.03	7.29
7676.0	0	2.73	13	0	2.16	0	22.00	7.26
7678.0	1	2.72	13	0	2.09	0	21.96	7.23
7679.0	0	2.73	12	0	2.30	0	21.94	7.21
7680.0	0	2.72	10	0	2.71	0	21.92	7.19
7681.0	3	2.72	14	0	2.02	0	21.90	7.17
7682.0	0	2.75	14	0	2.06	0	21.88	7.15
7683.0	4	2.71	12	0	2.22	0	21.86	7.14
7684.0	4	2.72	13	0	2.05	0	21.83	7.12
7688.0	3	2.73	12	0	2.20	0	21.76	7.06
7689.0	1	2.73	11	0	2.54	0	21.74	7.03
7690.0	4	2.72	13	0	2.14	0	21.72	7.01
7691.0	0	2.72	11	0	2.54	0	21.69	6.99
7700.0	0	2.76	11	0	2.40	0	21.56	6.88

DEPTH FT	VCL %	RCMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7701.0	2	2.76	12	0	2.34	0	21.53	6.86
7703.0	0	2.77	17	0	2.71	0	21.50	6.84
7705.0	4	2.78	23	0	2.58	0	21.46	6.81
7706.0	0	2.81	15	0	4.01	0	21.43	6.78
7707.0	3	2.81	17	0	3.53	0	21.39	6.75
7708.0	0	2.81	14	0	4.24	0	21.36	6.72
7709.0	14	2.81	26	0	2.51	.59	21.31	6.68
7712.0	0	2.79	26	0	2.21	0	21.28	6.67
7723.0	0	2.76	11	0	2.53	0	21.17	6.59
7725.0	2	2.80	11	0	2.64	0	21.12	6.55
7727.0	3	2.80	11	0	2.66	0	21.09	6.52
7728.0	0	2.79	12	0	3.35	0	21.06	6.50
7729.0	1	2.76	16	0	3.18	0	21.02	6.47
7730.0	4	2.74	21	0	2.95	0	21.00	6.44
7731.0	6	2.73	22	0	3.91	0	20.97	6.42
7732.0	16	2.77	38	0	2.46	.51	20.92	6.39
7738.0	12	2.71	13	0	2.39	0	20.87	6.35
7739.0	9	2.75	16	0	2.16	0	20.85	6.34
7744.0	17	2.71	18	0	2.61	0	20.77	6.28
7745.0	15	2.72	16	0	2.65	0	20.74	6.26
7746.0	0	2.76	11	0	3.93	0	20.70	6.23
7747.0	12	2.71	19	0	2.10	0	20.68	6.20
7755.0	15	2.84	13	0	3.06	0	20.61	6.17
7756.0	4	2.79	8	3	5.51	0	20.58	6.14
7757.0	11	2.74	17	0	2.01	0	20.53	6.09
7759.0	18	2.78	20	0	2.07	.38	20.50	6.07
7760.0	17	2.71	14	0	2.78	0	20.48	6.06
7761.0	1	2.75	9	2	4.89	0	20.44	6.02
7762.0	6	2.72	11	1	4.44	0	20.39	5.98
7763.0	4	2.75	13	1	4.73	0	20.34	5.93
7764.0	0	2.78	13	1	4.74	0	20.30	5.90
7765.0	11	2.70	19	0	3.17	0	20.25	5.86
7766.0	3	2.77	13	1	4.90	0	20.22	5.83
7767.0	0	2.78	11	2	5.39	0	20.17	5.78
7768.0	10	2.75	13	0	4.17	0	20.12	5.74
7769.0	16	2.77	19	0	2.29	0	20.08	5.71
7770.0	4	2.76	11	0	3.80	0	20.06	5.69
7771.0	4	2.79	11	1	4.39	0	20.02	5.65
7772.0	2	2.79	12	0	4.11	0	19.98	5.62

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMU LATIVE POR/ FT	CUMU LATIVE HC/ FT
7774.0	0	2.79	11	0	4.06	0	19.92	5.57
7775.0	0	2.80	14	0	3.11	0	19.88	5.53
7776.0	0	2.81	17	0	2.62	0	19.85	5.51
7779.0	6	2.76	13	0	3.12	0	19.80	5.47
7781.0	0	2.78	11	0	2.61	0	19.76	5.44
7782.0	0	2.79	14	0	2.92	0	19.74	5.42
7783.0	0	2.78	12	1	4.48	0	19.70	5.39
7785.0	15	2.79	15	0	2.70	0	19.65	5.34
7786.0	6	2.79	9	2	4.86	0	19.62	5.32
7787.0	16	2.75	12	0	2.87	0	19.57	5.27
7791.0	25	2.73	13	0	3.21	0	19.53	5.24
7795.0	6	2.72	100	0	2.22	0	19.48	5.21
7796.0	14	2.68	100	0	2.26	.53	19.46	5.21
7797.0	15	2.68	100	0	4.01	0	19.43	5.21
7798.0	15	2.68	100	0	5.00	0	19.39	5.21
7799.0	13	2.68	100	0	6.11	0	19.34	5.21
7800.0	14	2.68	100	0	6.48	0	19.28	5.21
7801.0	0	2.73	100	0	8.27	0	19.20	5.21
7802.0	18	2.68	100	0	5.06	0	19.13	5.21
7803.0	18	2.68	100	0	5.28	0	19.08	5.21
7804.0	18	2.69	100	0	5.51	0	19.02	5.21
7805.0	16	2.68	100	0	6.18	0	18.97	5.21
7806.0	17	2.68	100	0	6.09	0	18.91	5.21
7807.0	16	2.68	100	0	7.11	0	18.84	5.21
7808.0	13	2.68	100	0	7.54	0	18.77	5.21
7809.0	15	2.68	100	0	6.98	0	18.69	5.21
7810.0	16	2.68	100	0	6.63	0	18.63	5.21
7811.0	13	2.69	100	0	6.82	0	18.56	5.21
7812.0	14	2.68	100	0	6.15	0	18.49	5.21
7813.0	14	2.68	100	0	6.17	0	18.43	5.21
7814.0	15	2.68	100	0	5.42	0	18.37	5.21
7815.0	18	2.68	100	0	4.41	0	18.32	5.21
7816.0	21	2.68	100	0	2.63	0	18.28	5.21
7817.0	14	2.70	100	0	5.01	0	18.25	5.21
7818.0	21	2.68	100	0	4.97	0	18.19	5.21
7819.0	24	2.68	100	0	4.98	0	18.14	5.21
7820.0	27	2.68	100	0	3.65	0	18.09	5.21
7821.0	30	2.69	100	0	2.49	0	18.06	5.21
7822.0	27	2.69	100	0	3.79	0	18.03	5.21
7823.0	19	2.69	100	0	5.97	0	17.98	5.21
7824.0	9	2.69	98	0	8.89	0	17.91	5.21
7825.0	2	2.69	84	1	10.30	0	17.82	5.20
7826.0	6	2.67	92	0	9.62	0	17.71	5.19

DEPTH FT	VCL %	RHMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7827.0	8	2.70	100	0	6.94	0	17.63	5.19
7828.0	3	2.70	100	0	7.49	0	17.56	5.19
7829.0	9	2.69	100	0	6.47	0	17.49	5.19
7830.0	19	2.68	100	0	4.43	0	17.43	5.19
7831.0	30	2.68	73	0	3.70	0	17.39	5.18
7837.0	9	2.63	17	9	9.45	0	17.25	5.14
7838.0	31	2.78	44	0	5.31	.30	17.17	5.08
7840.0	5	2.75	84	0	4.35	0	17.10	5.06
7841.0	16	2.68	60	0	4.96	0	17.06	5.05
7842.0	19	2.68	54	0	6.22	0	17.00	5.03
7843.0	31	2.71	74	0	5.11	0	16.94	5.00
7844.0	23	2.67	100	0	4.11	0	16.90	4.99
7845.0	15	2.68	75	0	5.40	0	16.85	4.99
7846.0	10	2.72	57	0	7.13	0	16.80	4.98
7847.0	27	2.69	79	0	5.27	0	16.72	4.94
7848.0	31	2.69	100	0	4.40	0	16.67	4.93
7849.0	31	2.68	100	0	4.31	0	16.62	4.93
7850.0	27	2.69	100	0	3.14	0	16.58	4.93
7851.0	22	2.67	100	0	2.87	0	16.55	4.93
7852.0	22	2.68	100	0	3.81	0	16.52	4.93
7853.0	23	2.69	100	0	3.73	0	16.47	4.93
7854.0	22	2.68	100	0	4.09	0	16.44	4.93
7855.0	21	2.68	100	0	5.61	0	16.39	4.93
7856.0	21	2.68	100	0	5.08	0	16.33	4.93
7857.0	19	2.68	100	0	5.53	0	16.28	4.93
7858.0	18	2.68	100	0	7.92	0	16.22	4.93
7859.0	18	2.69	100	0	8.96	0	16.14	4.93
7860.0	18	2.69	100	0	8.34	0	16.05	4.93
7861.0	19	2.68	100	0	7.10	0	15.97	4.93
7862.0	19	2.68	100	0	7.16	0	15.90	4.93
7863.0	20	2.68	100	0	6.25	0	15.84	4.93
7864.0	20	2.68	100	0	5.82	0	15.78	4.93
7865.0	20	2.68	100	0	6.44	0	15.71	4.93
7866.0	19	2.68	100	0	6.30	0	15.65	4.93
7867.0	18	2.68	100	0	5.70	0	15.59	4.93
7868.0	20	2.69	100	0	7.01	0	15.52	4.93
7869.0	20	2.68	100	0	6.38	0	15.45	4.93
7870.0	20	2.69	100	0	6.73	0	15.39	4.93
7871.0	19	2.68	100	0	7.50	0	15.32	4.93
7872.0	17	2.68	100	0	8.39	0	15.24	4.93
7873.0	18	2.68	100	0	7.59	0	15.16	4.93
7874.0	21	2.68	100	0	4.99	0	15.09	4.93
7875.0	22	2.68	100	0	4.93	0	15.04	4.93
7876.0	17	2.69	81	0	7.18	0	14.99	4.93
7877.0	10	2.68	71	0	7.05	0	14.92	4.92
7878.0	11	2.68	77	0	6.29	0	14.85	4.90
7879.0	17	2.69	100	0	3.07	0	14.79	4.89

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7880.0	18	2.69	100	0	4.22	0	14.76	4.89
7881.0	2	2.72	73	0	7.50	0	14.71	4.89
7882.0	14	2.69	100	0	4.65	0	14.64	4.88
7883.0	9	2.68	100	0	5.44	0	14.59	4.88
7884.0	16	2.67	100	0	3.51	0	14.54	4.88
7885.0	31	2.71	100	0	2.01	.15	14.51	4.88
7886.0	33	2.69	50	0	3.99	0	14.48	4.87
7887.0	26	2.70	32	0	4.14	0	14.44	4.85
7888.0	17	2.66	31	0	4.39	0	14.40	4.82
7889.0	17	2.68	95	0	2.54	0	14.36	4.80
7891.0	22	2.72	100	0	3.45	0	14.33	4.80
7892.0	20	2.70	100	0	5.88	0	14.28	4.80
7893.0	17	2.68	100	0	7.30	0	14.22	4.80
7894.0	10	2.69	100	0	8.78	0	14.14	4.80
7895.0	3	2.68	100	1	10.33	0	14.05	4.80
7896.0	3	2.68	100	0	8.34	0	13.95	4.80
7897.0	9	2.68	100	0	6.66	0	13.87	4.80
7898.0	13	2.68	100	0	4.90	0	13.81	4.80
7899.0	13	2.68	100	0	5.03	0	13.76	4.80
7900.0	12	2.68	100	0	5.75	0	13.71	4.80
7901.0	12	2.68	100	0	6.12	0	13.65	4.80
7902.0	15	2.67	100	0	4.47	0	13.59	4.80
7903.0	5	2.75	61	0	6.38	0	13.55	4.80
7904.0	15	2.75	52	0	4.00	0	13.48	4.77
7905.0	14	2.75	23	1	6.22	0	13.44	4.75
7906.0	19	2.69	42	0	4.52	0	13.38	4.70
7907.0	13	2.69	71	0	3.76	0	13.34	4.68
7908.0	13	2.68	82	0	3.76	0	13.30	4.67
7909.0	4	2.72	71	0	4.78	0	13.27	4.67
7910.0	13	2.71	100	0	2.89	0	13.23	4.66
7911.0	17	2.74	74	0	4.30	0	13.20	4.66
7912.0	25	2.69	100	0	2.08	0	13.17	4.66
7913.0	19	2.67	100	0	3.01	0	13.14	4.66
7914.0	15	2.68	100	0	5.72	0	13.10	4.66
7915.0	12	2.68	100	0	6.57	0	13.04	4.66
7916.0	9	2.68	100	0	6.85	0	12.98	4.66
7917.0	11	2.68	100	0	6.38	0	12.91	4.66
7918.0	11	2.69	100	0	6.14	0	12.84	4.66
7919.0	19	2.69	100	0	5.85	0	12.79	4.66
7920.0	13	2.68	83	0	6.04	0	12.73	4.65
7921.0	10	2.68	87	0	8.14	0	12.66	4.64
7922.0	10	2.69	100	0	7.79	0	12.58	4.64
7923.0	9	2.68	100	0	7.35	0	12.50	4.64
7924.0	17	2.68	100	0	6.01	0	12.43	4.64
7925.0	26	2.70	100	0	3.14	0	12.38	4.64
7926.0	14	2.69	100	0	2.58	0	12.35	4.64
7927.0	14	2.68	100	0	3.48	0	12.32	4.64
7928.0	16	2.68	100	0	4.79	0	12.28	4.64

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7929.0	19	2.68	100	0	3.68	0	12.24	4.64
7930.0	20	2.69	100	0	3.99	0	12.20	4.64
7931.0	16	2.68	100	0	7.51	0	12.15	4.64
7932.0	15	2.69	100	0	9.25	0	12.07	4.64
7933.0	14	2.68	100	0	9.65	0	11.98	4.64
7934.0	17	2.69	100	0	7.20	0	11.88	4.64
7935.0	20	2.68	100	0	5.10	0	11.82	4.64
7936.0	19	2.68	100	0	4.61	0	11.77	4.64
7937.0	19	2.68	100	0	4.23	0	11.72	4.64
7938.0	17	2.69	100	0	4.24	0	11.68	4.64
7939.0	25	2.70	100	0	5.11	0	11.64	4.64
7940.0	20	2.70	49	0	7.10	0	11.59	4.63
7941.0	12	2.69	39	1	8.73	0	11.51	4.59
7942.0	17	2.70	71	0	6.92	0	11.43	4.54
7943.0	12	2.69	100	0	5.06	0	11.37	4.53
7944.0	14	2.68	100	0	4.55	0	11.32	4.53
7945.0	16	2.69	100	0	4.26	0	11.27	4.53
7946.0	14	2.68	100	0	5.63	0	11.23	4.53
7947.0	6	2.70	100	0	7.45	0	11.17	4.53
7948.0	5	2.70	100	0	7.33	0	11.09	4.53
7949.0	16	2.69	100	0	4.85	0	11.02	4.53
7950.0	12	2.69	100	0	6.05	0	10.97	4.53
7951.0	11	2.68	100	0	6.71	0	10.91	4.53
7952.0	10	2.68	100	0	5.18	0	10.84	4.53
7953.0	11	2.68	100	0	3.88	0	10.80	4.53
7954.0	11	2.68	100	0	5.16	0	10.75	4.53
7955.0	12	2.68	100	0	3.91	0	10.71	4.53
7956.0	9	2.68	100	0	3.79	0	10.67	4.53
7957.0	5	2.68	100	0	3.58	0	10.63	4.53
7958.0	3	2.68	100	0	3.19	0	10.60	4.53
7959.0	4	2.68	100	0	3.20	0	10.56	4.53
7960.0	3	2.68	100	0	4.39	0	10.53	4.53
7961.0	3	2.68	100	0	5.86	0	10.48	4.53
7962.0	8	2.68	100	0	5.47	0	10.43	4.53
7963.0	10	2.68	100	0	5.80	0	10.37	4.53
7964.0	9	2.68	100	0	6.06	0	10.31	4.53
7965.0	11	2.69	100	0	5.85	0	10.25	4.53
7966.0	7	2.69	100	0	6.41	0	10.19	4.53
7967.0	6	2.68	100	0	6.07	0	10.12	4.53
7968.0	0	2.69	100	0	7.24	0	10.06	4.53
7969.0	3	2.68	100	0	6.85	0	9.98	4.53
7970.0	3	2.68	100	0	7.08	0	9.91	4.53
7971.0	3	2.68	100	0	5.84	0	9.85	4.53
7972.0	5	2.68	100	0	5.41	0	9.79	4.53
7973.0	7	2.68	100	0	5.41	0	9.74	4.53
7974.0	9	2.68	100	0	5.07	0	9.68	4.53
7975.0	10	2.68	100	0	4.20	0	9.64	4.53
7976.0	16	2.68	100	0	2.96	0	9.59	4.53
7977.0	28	2.68	100	0	2.27	0	9.57	4.53

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
7984.0	14	2.72	100	0	2.55	0	9.45	4.53
7985.0	5	2.74	64	0	2.81	0	9.43	4.53
7987.0	14	2.70	100	0	2.04	0	9.38	4.51
7991.0	18	2.70	100	0	2.08	0	9.31	4.51
7994.0	19	2.69	100	0	2.33	0	9.26	4.51
7995.0	10	2.67	100	0	3.22	0	9.23	4.51
7996.0	7	2.68	100	0	3.71	0	9.20	4.51
7997.0	9	2.68	100	0	3.55	0	9.16	4.51
7998.0	9	2.68	100	0	4.14	0	9.12	4.51
7999.0	10	2.68	100	0	3.76	0	9.08	4.51
8000.0	9	2.68	100	0	3.09	0	9.04	4.51
8001.0	8	2.68	100	0	3.56	0	9.01	4.51
8002.0	9	2.68	100	0	2.92	0	8.98	4.51
8003.0	5	2.70	100	0	2.93	0	8.95	4.51
8004.0	5	2.70	100	0	3.51	0	8.91	4.51
8005.0	12	2.70	100	0	2.22	0	8.88	4.51
8006.0	13	2.68	100	0	2.79	0	8.86	4.51
8007.0	14	2.68	100	0	2.79	0	8.83	4.51
8008.0	10	2.68	100	0	2.74	0	8.80	4.51
8009.0	7	2.71	100	0	2.00	0	8.77	4.51
8010.0	3	2.74	100	0	2.01	0	8.75	4.51
8014.0	1	2.72	100	0	2.14	0	8.70	4.51
8015.0	3	2.71	100	0	2.08	0	8.68	4.51
8016.0	12	2.68	100	0	2.96	0	8.66	4.51
8017.0	9	2.69	70	0	5.92	0	8.62	4.51
8018.0	4	2.69	61	0	8.24	0	8.56	4.49
8019.0	0	2.69	60	1	9.74	0	8.47	4.45
8020.0	1	2.69	70	0	9.50	0	8.37	4.42
8021.0	4	2.69	74	0	9.62	0	8.28	4.39
8022.0	3	2.69	76	0	9.93	0	8.18	4.36
8023.0	2	2.69	85	0	9.40	0	8.08	4.34
8024.0	3	2.69	82	0	8.84	0	7.99	4.33
8025.0	2	2.69	78	0	8.71	0	7.90	4.31
8026.0	1	2.69	84	0	7.90	0	7.82	4.29
8027.0	3	2.69	83	0	7.19	0	7.74	4.28
8028.0	3	2.69	89	0	6.72	0	7.67	4.27
8029.0	1	2.69	71	0	7.56	0	7.60	4.26
8030.0	3	2.69	64	0	8.19	0	7.52	4.23
8031.0	9	2.68	100	0	5.43	0	7.44	4.21
8032.0	1	2.73	100	0	2.99	0	7.40	4.21
8036.0	11	2.82	14	1	4.66	0	7.35	4.19
8037.0	0	2.81	36	0	2.95	0	7.30	4.15

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
8041.0	16	2.69	100	0	2.34	0	7.27	4.14
8042.0	19	2.68	100	0	4.24	0	7.24	4.14
8043.0	16	2.69	100	0	5.28	0	7.19	4.14
8044.0	23	2.68	100	0	3.31	0	7.15	4.14
8045.0	23	2.69	100	0	3.40	0	7.12	4.14
8046.0	19	2.68	100	0	3.69	0	7.08	4.14
8047.0	19	2.68	100	0	2.76	0	7.05	4.14
8048.0	15	2.69	100	0	2.39	0	7.02	4.14
8049.0	12	2.69	100	0	2.31	0	7.00	4.14
8050.0	15	2.69	100	0	2.52	0	6.97	4.14
8051.0	15	2.68	100	0	2.67	0	6.95	4.14
8052.0	16	2.70	100	0	2.09	0	6.92	4.14
8053.0	20	2.69	100	0	2.15	0	6.90	4.14
8055.0	3	2.76	100	0	2.74	0	6.87	4.14
8056.0	0	2.78	97	0	3.56	0	6.84	4.14
8058.0	1	2.76	24	0	3.51	0	6.79	4.14
8059.0	4	2.75	24	0	4.37	0	6.75	4.11
8060.0	16	2.69	39	0	3.14	0	6.71	4.08
8061.0	18	2.68	100	0	2.84	0	6.68	4.07
8062.0	18	2.68	100	0	3.18	0	6.65	4.07
8063.0	15	2.68	100	0	4.16	0	6.61	4.07
8064.0	12	2.68	100	0	5.01	0	6.57	4.07
8065.0	12	2.68	100	0	5.05	0	6.52	4.07
8066.0	12	2.68	100	0	5.41	0	6.47	4.07
8067.0	12	2.68	100	0	5.63	0	6.41	4.07
8068.0	14	2.68	98	0	5.94	0	6.35	4.07
8069.0	16	2.68	99	0	5.73	0	6.29	4.06
8070.0	18	2.68	100	0	4.77	0	6.24	4.06
8071.0	17	2.69	100	0	4.88	0	6.19	4.06
8072.0	9	2.68	99	0	6.38	0	6.14	4.06
8073.0	3	2.68	99	0	6.15	0	6.07	4.06
8074.0	3	2.69	90	0	6.96	0	6.01	4.06
8075.0	2	2.69	77	0	7.63	0	5.94	4.05
8076.0	5	2.69	98	0	6.55	0	5.86	4.04
8077.0	9	2.68	100	0	5.61	0	5.80	4.03
8078.0	10	2.68	100	0	5.48	0	5.75	4.03
8079.0	11	2.68	100	0	5.92	0	5.69	4.03
8080.0	10	2.68	100	0	5.68	0	5.63	4.03
8081.0	0	2.71	83	0	8.14	0	5.57	4.03
8082.0	9	2.67	97	0	7.57	0	5.49	4.03
8083.0	16	2.69	100	0	5.35	0	5.42	4.03
8084.0	19	2.69	100	0	4.42	0	5.37	4.03
8085.0	17	2.68	100	0	5.98	0	5.32	4.03
8086.0	18	2.69	100	0	5.57	0	5.26	4.03
8087.0	18	2.68	100	0	5.40	0	5.21	4.03
8088.0	22	2.68	100	0	3.01	0	5.16	4.03

DEPTH FT	VCL %	RCMA G/C3	SW %	PERM MD	POR %	SPI %	CUMU LATIVE POR/ FT	CUMU LATIVE HC/ FT
8090.0	21	2.73	100	0	2.61	0	5.12	4.03
8091.0	7	2.75	68	0	4.23	0	5.08	4.02
8092.0	2	2.75	40	0	3.83	0	5.04	4.00
8106.0	2	2.75	12	0	2.98	0	4.86	3.91
8107.0	4	2.75	17	0	3.27	0	4.83	3.88
8108.0	5	2.75	20	0	4.34	0	4.80	3.85
8111.0	0	2.78	10	1	4.31	0	4.72	3.80
8112.0	6	2.78	7	3	5.23	0	4.67	3.76
8113.0	9	2.75	10	0	3.74	0	4.63	3.72
8114.0	5	2.77	8	3	5.38	0	4.59	3.68
8115.0	2	2.76	7	3	5.01	0	4.53	3.63
8116.0	5	2.76	9	1	4.07	0	4.49	3.59
8117.0	7	2.76	9	1	4.45	0	4.44	3.55
8118.0	3	2.76	10	0	3.90	0	4.40	3.51
8119.0	1	2.76	9	3	5.31	0	4.36	3.47
8120.0	0	2.76	8	8	6.74	0	4.30	3.42
8121.0	0	2.75	9	4	6.03	0	4.23	3.36
8122.0	0	2.74	8	3	5.53	0	4.18	3.30
8123.0	5	2.75	8	1	4.41	0	4.12	3.25
8128.0	1	2.83	11	0	3.99	0	4.06	3.20
8129.0	13	2.75	8	1	3.71	0	4.03	3.17
8130.0	2	2.76	7	2	4.60	0	3.98	3.14
8131.0	1	2.76	7	2	4.89	0	3.94	3.09
8132.0	7	2.75	9	0	3.22	0	3.89	3.05
8133.0	7	2.79	8	1	3.98	0	3.87	3.03
8134.0	5	2.82	7	4	5.47	0	3.82	2.99
8135.0	6	2.79	8	1	4.52	0	3.77	2.94
8136.0	0	2.78	7	3	5.05	0	3.72	2.89
8137.0	0	2.77	7	5	5.66	0	3.67	2.85
8138.0	6	2.76	7	3	5.01	0	3.61	2.79
8139.0	8	2.77	9	0	3.58	0	3.56	2.75
8140.0	3	2.78	8	1	4.34	0	3.52	2.71
8141.0	7	2.76	8	1	4.45	0	3.48	2.68
8142.0	6	2.76	7	2	4.59	0	3.44	2.63
8143.0	6	2.77	8	1	3.79	0	3.40	2.59
8144.0	0	2.76	8	1	4.05	0	3.35	2.56
8145.0	2	2.75	8	1	4.25	0	3.32	2.52
8146.0	3	2.76	8	1	4.31	0	3.27	2.48
8147.0	1	2.75	7	3	5.11	0	3.23	2.44
8148.0	7	2.74	9	0	3.54	0	3.18	2.39
8149.0	15	2.79	40	0	3.04	0	3.15	2.37
8155.0	0	2.81	16	0	2.44	0	3.07	2.31
8161.0	0	2.76	9	1	3.86	0	2.98	2.25
8162.0	0	2.77	10	0	3.48	0	2.94	2.21

DEPTH FT	VCL %	RCMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/ FT	CUMULATIVE HC/ FT
8163.0	0	2.78	11	0	3.13	0	2.91	2.18
8164.0	0	2.79	9	1	3.95	0	2.88	2.15
8165.0	5	2.78	11	0	3.09	0	2.84	2.12
8166.0	8	2.78	14	0	2.79	0	2.81	2.09
8167.0	13	2.78	20	0	2.39	0	2.78	2.07
8169.0	23	2.75	23	0	2.12	0	2.75	2.04
8170.0	16	2.76	11	3	5.94	0	2.72	2.02
8171.0	16	2.76	13	2	5.97	0	2.66	1.96
8172.0	23	2.77	17	0	4.65	.64	2.60	1.91
8185.0	14	2.75	10	0	3.29	0	2.49	1.84
8186.0	17	2.75	14	0	3.31	.60	2.45	1.81
8210.0	5	2.85	16	0	2.97	0	2.39	1.78
8213.0	18	2.73	23	0	2.07	0	2.36	1.75
8214.0	23	2.77	11	1	4.51	.36	2.33	1.73
8217.0	3	2.77	16	0	2.23	0	2.28	1.69
8218.0	3	2.75	13	0	2.58	0	2.26	1.67
8219.0	4	2.75	13	0	2.89	0	2.23	1.65
8220.0	11	2.75	18	0	2.25	0	2.20	1.62
8226.0	18	2.74	11	0	3.51	0	2.15	1.59
8227.0	14	2.78	11	5	6.89	1.34	2.11	1.55
8228.0	5	2.75	19	1	5.51	0	2.04	1.49
8229.0	0	2.73	18	0	4.23	0	1.99	1.45
8230.0	0	2.74	10	1	4.14	0	1.95	1.41
8231.0	3	2.76	9	1	4.51	0	1.91	1.38
8232.0	4	2.76	9	2	5.17	0	1.86	1.34
8233.0	3	2.75	9	2	4.92	0	1.81	1.29
8234.0	7	2.76	10	0	3.90	0	1.77	1.25
8235.0	11	2.75	12	0	2.76	0	1.73	1.22
8237.0	0	2.78	11	0	3.83	0	1.68	1.17
8238.0	7	2.77	11	0	3.58	0	1.64	1.14
8239.0	1	2.81	10	3	5.89	0	1.60	1.11
8240.0	1	2.81	12	1	5.00	0	1.55	1.05
8241.0	10	2.76	9	1	4.45	0	1.50	1.02
8242.0	14	2.75	12	0	2.40	.55	1.46	.98
8243.0	1	2.79	11	0	3.40	0	1.44	.96
8244.0	9	2.78	13	0	2.25	0	1.41	.93
8246.0	0	2.80	10	0	2.77	0	1.37	.90
8247.0	6	2.78	11	0	2.35	0	1.35	.88
8248.0	4	2.79	11	0	2.64	0	1.32	.86
8253.0	0	2.76	10	0	2.83	0	1.24	.80

DEPTH FT	VCL %	ROMA G/C3	SW %	PERM MD	POR %	SPI %	CUMULATIVE POR/FT	CUMULATIVE HC/FT
8254.0	0	2.80	12	0	3.30	0	1.21	.77
8255.0	0	2.80	17	0	2.92	0	1.18	.74
8256.0	2	2.81	18	0	3.10	0	1.15	.72
8257.0	0	2.80	20	0	3.62	0	1.13	.70
8258.0	0	2.78	22	0	3.16	0	1.09	.67
8259.0	0	2.78	13	0	3.81	0	1.06	.64
8260.0	10	2.76	19	0	2.79	0	1.02	.61
8261.0	5	2.74	29	0	2.82	0	1.00	.59
8262.0	6	2.74	38	0	2.41	0	.97	.57
8268.0	3	2.79	40	0	2.04	0	.89	.54
8271.0	0	2.82	55	0	2.15	0	.85	.53
8272.0	11	2.82	31	0	3.59	.33	.83	.52
8273.0	3	2.80	23	1	6.53	2.21	.79	.49
8274.0	2	2.77	38	0	4.20	.19	.73	.45
8275.0	0	2.81	39	0	3.60	0	.69	.42
8276.0	8	2.79	32	0	3.57	0	.65	.39
8277.0	9	2.75	54	0	2.31	0	.61	.37
8278.0	0	2.77	34	0	3.66	0	.58	.35
8279.0	0	2.84	25	0	4.78	0	.54	.33
8280.0	0	2.83	19	1	6.53	0	.49	.28
8281.0	0	2.80	22	1	6.61	.84	.42	.23
8282.0	0	2.76	36	0	4.21	0	.36	.19
8283.0	0	2.75	45	0	3.17	0	.32	.16
8285.0	0	2.84	44	0	2.07	0	.28	.14
8286.0	0	2.81	28	0	2.98	.17	.26	.13
8287.0	0	2.83	39	0	2.14	0	.23	.11
8289.0	0	2.78	29	0	2.71	0	.20	.10
8290.0	0	2.77	32	0	2.73	0	.18	.08
8291.0	0	2.76	48	0	2.34	0	.15	.06
8292.0	0	2.79	39	0	3.10	0	.12	.05
8293.0	0	2.77	40	0	3.08	0	.09	.03

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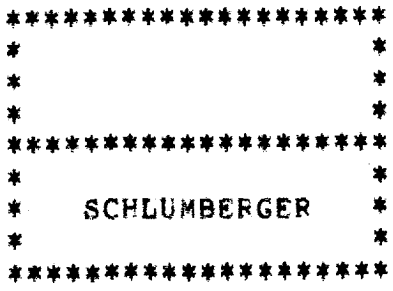


PERMEABILITY LISTING

COMPANY : AMOCO PRODUCTION CO.

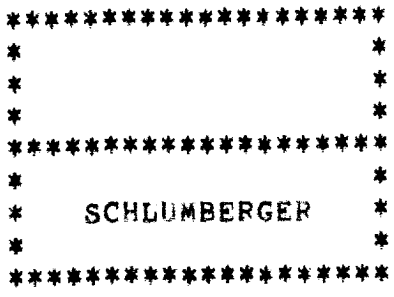
WELL : FEDERAL "CS" #1

FIELD : WILDCAT

COUNTRY : LEA

REFERENCE : NEWMEXICO

ANALYST: LOG ANALYST 25-APR-82 16:17:46



PERMEABILITY LISTING

COMPANY	:	AMOCO PRODUCTION CO.
WELL	:	FEDERAL "CS" #1
FIELD	:	WILDCAT
COUNTRY	:	LEA
REFERENCE	:	NEWMEXICO

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
7296.0	.3			.3	3851		40	3962
7297.0	.3			.3	3851		40	3962
7300.0	.1			.1	3851		40	3961
7301.0	.3			.3	3850		40	3961
7302.0	.3			.3	3850		40	3961
7305.0	.1			.1	3850		40	3961
7306.0	.3			.3	3850		40	3960
7307.0	2.1			2.1	3849		40	3959
7308.0	.8			.8	3847		40	3958
7309.0	1.0			1.0	3846		40	3957
7310.0	1.6			1.6	3845		40	3955
7311.0	1.7			1.7	3843		40	3954
7312.0	2.5			2.5	3841		40	3952
7313.0	1.1			1.1	3839		40	3950
7314.0	1.8			1.8	3838		40	3949
7315.0	1.3			1.3	3836		40	3947
7316.0	.1			.1	3835		40	3946
7317.0	.2			.2	3835		40	3946
7318.0	3.4			3.4	3834		40	3945
7319.0	1.8			1.8	3832		40	3942
7320.0	.1			.1	3831		40	3941
7321.0	.1			.1	3831		40	3941
7322.0	.6			.6	3830		40	3941
7323.0	.1			.1	3830		40	3940
7324.0	.6			.6	3830		40	3940
7325.0	.1			.1	3829		40	3940
7326.0	.1			.1	3829		40	3940
7328.0	.2			.2	3829		40	3940
7329.0	2.1			2.1	3829		40	3939
7330.0	8.2			8.2	3824		40	3934
7331.0	.5			.5	3819		40	3929
7332.0	.1			.1	3818		40	3929
7333.0	.2			.2	3818		40	3929
7336.0	2.1			2.1	3818		40	3929
7337.0	.9			.9	3816		40	3927
7338.0	.1			.1	3816		40	3926
7339.0	1.5			1.5	3815		40	3926
7340.0	.2			.2	3815		40	3925
7341.0	27.0			27.0	3813		40	3923
7342.0	2.8			2.8	3798		40	3908
7343.0	.8			.8	3796		40	3906

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U A T V E PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
7345.0	1.2			1.2	3792	40		3903
7346.0	.8			.8	3792	40		3902
7347.0	1.8			1.8	3791	40		3901
7348.0	4.5			4.5	3789	40		3899
7349.0	5.5			5.5	3785	40		3895
7350.0	.5			.5	3779	40		3889
7351.0	12.4			12.4	3778	40		3889
7352.0	.1			.1	3772	40		3882
7353.0	1.0			1.0	3771	40		3882
7354.0	3.3			3.3	3770	40		3880
7355.0	52.5			52.5	3766	40		3877
7356.0	42.9			42.9	3712	40		3823
7357.0	13.0			13.0	3681	40		3791
7358.0	2.4			2.4	3673	40		3784
7359.0	2.7			2.7	3671	40		3782
7360.0	8.8			8.8	3639	40		3750
7361.0	11.7			11.7	3630	40		3741
7362.0	39.5			39.5	3612	40		3723
7363.0	92.9			92.9	3565	40		3676
7364.0	56.5			56.5	3488	40		3598
7365.0	137.9			137.9	3403	40		3513
7366.0	75.8			75.8	3293	40		3404
7367.0	29.8			29.8	3228	40		3339
7368.0	13.4			13.4	3201	40		3312
7369.0	.4			.4	3193	40		3304
7370.0	25.0			25.0	3186	40		3297
7371.0	43.7			43.7	3150	40		3261
7372.0	48.7			48.7	3114	40		3225
7373.0	9.1			9.1	3078	40		3188
7374.0	5.1			5.1	3071	40		3181
7375.0	12.6			12.6	3064	40		3174
7376.0	11.4			11.4	3051	40		3161
7377.0	16.1			16.1	3034	40		3145
7378.0	4.1			4.1	3022	40		3132
7379.0	3.8			3.8	3019	40		3129
7380.0	22.9			22.9	3011	40		3122
7381.0	127.5			127.5	2953	40		3063
7382.0	290.7			290.7	2815	40		2925
7383.0	384.8			384.8	2464	40		2574
7384.0	173.8			173.8	2136	40		2246
7385.0	43.1			43.1	1998	40		2108
7386.0	14.9			14.9	1964	40		2075
7387.0	8.2			8.2	1951	40		2061
7388.0	7.3			7.3	1945	40		2056
7389.0	40.2			40.2	1931	40		2041

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U A T V E PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
7391.0	6.1			6.1	1895		40	2006
7392.0	21.7			21.7	1891		40	2001
7393.0	190.4			190.4	1834		40	1944
7394.0	331.6			331.6	1613		40	1723
7395.0	180.7			180.7	1287		40	1398
7396.0	6.2			6.2	1182		40	1293
7397.0	.1			.1	1179		40	1289
7401.0	1.1			1.1	1179		40	1289
7402.0	.1			.1	1178		40	1289
7404.0	.1			.1	1178		40	1288
7405.0	.1			.1	1178		40	1288
7406.0	.2			.2	1178		40	1288
7407.0	.3			.3	1178		40	1288
7408.0	.2			.2	1178		40	1288
7409.0	1.0			1.0	1178		40	1288
7410.0	4.0			4.0	1176		40	1286
7411.0	15.7			15.7	1168		40	1278
7412.0	2.9			2.9	1154		40	1264
7413.0	2.0			2.0	1152		40	1262
7414.0	33.4			33.4	1147		40	1257
7415.0	29.5			29.5	1123		40	1234
7416.0	28.9			28.9	1092		40	1202
7417.0	47.0			47.0	1043		40	1153
7418.0	23.3			23.3	1007		40	1117
7419.0	12.3			12.3	983		40	1093
7420.0	3.0			3.0	974		40	1084
7421.0	10.0			10.0	970		40	1080
7422.0	48.8			48.8	951		40	1061
7423.0	33.0			33.0	903		40	1013
7424.0	14.1			14.1	875		40	985
7425.0	6.1			6.1	864		40	975
7426.0	7.4			7.4	858		40	968
7427.0	6.9			6.9	851		40	961
7428.0	29.0			29.0	841		40	951
7429.0	4.9			4.9	819		40	929
7430.0	.1			.1	816		40	926
7431.0	.4			.4	816		40	926
7432.0	6.9			6.9	814		40	925
7433.0	5.5			5.5	808		40	918
7434.0	.8			.8	804		40	914
7436.0	1.4			1.4	803		40	914
7437.0	20.7			20.7	801		40	911

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
7439.0	23.9			23.9	753	40		864
7440.0	12.4			12.4	730	40		840
7441.0	6.6			6.6	720	40		830
7442.0	16.0			16.0	712	40		822
7443.0	9.3			9.3	696	40		806
7444.0	1.8			1.8	689	40		799
7445.0	.1			.1	688	40		798
7446.0	.1			.1	688	40		798
7447.0	4.9			4.9	688	40		798
7448.0	4.8			4.8	681	40		791
7449.0	2.8			2.8	678	40		788
7450.0	.5			.5	676	40		786
7451.0	2.3			2.3	675	40		785
7452.0	2.1			2.1	672	40		782
7453.0	1.8			1.8	670	40		780
7454.0	.5			.5	668	40		778
7455.0	.2			.2	668	40		778
7456.0	.1			.1	668	40		778
7457.0	.1			.1	668	40		778
7462.0	3.1			3.1	667	40		777
7463.0	6.5			6.5	660	40		770
7464.0	15.9			15.9	651	40		761
7465.0	13.5			13.5	634	40		744
7466.0	8.0			8.0	624	40		734
7467.0	3.5			3.5	617	40		727
7468.0	.2			.2	615	40		725
7470.0	.2			.2	615	40		725
7471.0	.3			.3	615	40		724
7472.0	.1			.1	615	40		724
7473.0	.6			.6	614	40		724
7474.0	1.1			1.1	614	40		723
7475.0	.4			.4	613	40		723
7476.0	.8			.8	613	40		722
7477.0	35.1			35.1	607	40		717
7478.0	2.2			2.2	588	40		698
7480.0	.1			.1	587	40		696
7481.0	.6			.6	586	40		696
7485.0	.8			.8	586	40		696
7486.0	6.1			6.1	585	40		695
7487.0	1.9			1.9	580	40		690
7488.0	1.8			1.8	575	40		685

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUM PERM OIL FT	CUM PERM GAS FT	CUM PERM WATER FT	CUM PERM TOTAL FT
7490.0	.3			.3	574		40	684
7491.0	.4			.4	570		40	680
7493.0	.5			.5	570		40	679
7494.0	2.0			2.0	568		40	678
7495.0	.7			.7	567		40	676
7496.0	.2			.2	566		40	676
7497.0	.6			.6	566		40	676
7498.0	3.2			3.2	564		40	674
7499.0	.3			.3	562		40	671
7500.0	2.0			2.0	561		40	670
7501.0	16.3			16.3	558		40	667
7502.0	15.5			15.5	540		40	649
7503.0	1.9			1.9	528		40	638
7505.0	.1			.1	527		40	637
7506.0	.1			.1	527		40	637
7507.0	.1			.1	527		40	636
7509.0	.1			.1	527		40	636
7513.0	.1			.1	527		40	636
7514.0	.3			.3	527		40	636
7515.0	.2			.2	526		40	636
7516.0	.7			.7	526		40	635
7517.0	1.3			1.3	525		40	634
7518.0	2.8			2.8	523		40	633
7519.0	19.4			19.4	517		40	626
7520.0	36.7			36.7	485		40	594
7521.0	16.4			16.4	455		40	564
7522.0	2.8			2.8	443		40	552
7523.0	.2			.2	441		40	550
7525.0	.3			.3	441		40	550
7526.0	.4			.4	441		40	550
7527.0	2.0			2.0	440		40	549
7528.0	1.2			1.2	438		40	547
7529.0	4.9			4.9	437		40	546
7530.0	7.2			7.2	429		40	538
7531.0	7.8			7.8	421		40	530
7532.0	1.1			1.1	416		40	525
7533.0	1.9			1.9	415		40	524
7534.0	2.0			2.0	414		40	523
7535.0	3.8			3.8	412		40	521
7536.0	2.1			2.1	408		40	517

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUM PERM OIL FT	CUM PERM GAS FT	CUM PERM WATER FT	CUM PERM TOTAL FT
7540.0	.3			.3	406		40	515
7541.0	2.3			2.3	405		40	514
7542.0	9.9			9.9	402		40	512
7543.0	77.1			77.1	379		40	488
7544.0	2.5			2.5	331		40	440
7545.0	2.3			2.3	330		40	439
7546.0	63.4			63.4	321		40	431
7547.0	3.2			3.2	256		40	365
7548.0	.5			.5	254		40	363
7549.0	60.7			60.7	248		40	357
7550.0	27.9			27.9	199		40	308
7551.0	9.9			9.9	174		40	284
7552.0	3.1			3.1	167		40	276
7559.0	.2			.3	165		40	274
7621.0	.1			.1	165		40	271
7622.0	.2			.2	165		40	271
7623.0	.2			.2	165		40	270
7627.0	.4			.4	165		40	270
7628.0	.2			.2	164		40	270
7629.0	.2			.2	164		40	270
7630.0	.1			.1	164		40	269
7637.0	.2			.2	164		40	269
7643.0	4.3			4.3	164		40	269
7644.0	.9			.9	160		40	265
7648.0	.1			.1	159		40	264
7652.0	.1			.1	159		40	264
7653.0	.1			.1	159		40	264
7655.0	.1			.1	159		40	264
7656.0	.1			.1	159		40	264
7659.0	.1			.2	159		40	263
7660.0	.2			.1	158		40	263
7661.0	.1			.1	158		40	263
7662.0	.1			.1	158		40	263
7663.0	.1							

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
FT								
7669.0	.1			.1	158	40	262	
7671.0	.1			.1	158	40	262	
7675.0	.1			.1	158	40	262	
7676.0	.1			.1	158	40	262	
7679.0	.1			.1	158	40	262	
7680.0	.2			.2	157	40	262	
7689.0	.1			.1	157	40	261	
7691.0	.1			.1	157	40	261	
7700.0	.1			.1	157	40	260	
7703.0	.1			.1	157	40	260	
7706.0	.5			.5	157	40	260	
7707.0	.1			.1	156	40	260	
7708.0	.8			.8	156	40	259	
7723.0	.2			.2	156	40	258	
7725.0	.1			.1	155	40	258	
7727.0	.1			.1	155	40	258	
7728.0	.5			.5	155	40	257	
7729.0	.1			.1	155	40	257	
7731.0	.1			.1	155	40	257	
7746.0	1.0			1.0	153	40	255	
7755.0	.1			.1	152	40	254	
7756.0	1.9			1.9	152	40	253	
7760.0	.1			.1	151	40	252	
7761.0	1.8			1.8	151	40	252	
7762.0	.4			.4	149	40	250	
7763.0	.5			.5	147	40	248	
7764.0	1.3			1.3	147	40	248	
7765.0	.1			.1	146	40	247	
7766.0	.8			.8	146	40	247	

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
7768.0	.2			.2	142	40	243	
7770.0	.3			.3	142	40	243	
7771.0	.5			.5	141	40	242	
7772.0	.5			.5	141	40	242	
7774.0	1.1			1.1	141	40	242	
7775.0	.2			.2	140	40	241	
7776.0	.1			.1	140	40	241	
7779.0	.1			.1	140	40	240	
7781.0	.2			.2	140	40	240	
7782.0	.2			.2	139	40	240	
7783.0	1.5			1.5	139	40	240	
7786.0	.8			.8	138	40	239	
7787.0	.1			.1	138	40	238	
7791.0	.1			.1	137	40	238	
7801.0			4.6	4.6	137	37	234	
7808.0			.1	.1	137	34	231	
7824.0			.9	1.0	137	34	230	
7825.0	.1		3.4	8.7	137	33	228	
7826.0			1.6	2.6	137	29	220	
7827.0			.1	.1	137	28	218	
7828.0			.7	.7	137	28	218	
7837.0	6.2			6.2	136	28	216	
7838.0	.2			.2	132	28	212	
7842.0	.1			.1	132	28	212	
7846.0	.1			.1	132	28	212	
7858.0			.1	.1	132	28	211	
7859.0			.5	.5	132	27	211	
7860.0			.2	.2	132	27	210	
7871.0			.1	.1	132	27	210	
7872.0			.3	.3	132	27	209	
7873.0			.1	.1	132	27	209	

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U A T V E PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
7877.0	.1			.1	132	26		209
7881.0	.1		.1	.9	132	26		209
7886.0	.1			.1	132	26		208
7887.0	.1			.1	132	26		208
7888.0	.1			.1	132	26		208
7893.0			.1	.1	131	26		208
7894.0			.7	.7	131	26		207
7895.0			8.3	8.3	131	24		205
7896.0			1.4	1.4	131	17		198
7897.0			.1	.1	131	16		197
7903.0	.1			.1	131	16		197
7905.0	.7			.7	131	16		197
7906.0	.1			.1	131	16		196
7916.0			.1	.1	131	16		196
7921.0			.1	.4	131	16		196
7922.0			.3	.3	131	16		195
7923.0			.2	.2	131	16		195
7931.0			.1	.1	131	15		194
7932.0			.7	.7	131	15		194
7933.0			1.2	1.2	131	14		193
7940.0	.2			.2	131	13		192
7941.0	.8			.8	130	13		192
7947.0			.3	.3	130	13		191
7948.0			.4	.4	130	13		190
7961.0			.1	.1	130	13		189
7966.0			.1	.1	130	12		189
7968.0			1.5	1.5	130	12		188
7969.0			.3	.3	130	11		187
7970.0			.4	.4	130	10		187
7971.0			.1	.1	130	10		187
8018.0	.4			1.2	130	10		184

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMU PERM OIL FT	CUMU PERM GAS FT	CUMU PERM WATER FT	CUMU PERM TOTAL FT
8020.0	.6		.9	6.7	127		9	170
8021.0	.3		.6	4.0	126		8	164
8022.0	.3		1.2	5.9	126		8	160
8023.0	.1		1.8	4.6	126		6	154
8024.0	.1		.7	2.3	126		5	150
8025.0	.2		.8	3.4	126		4	148
8026.0			.9	2.4	126		3	144
8027.0			.2	.6	126		2	142
8028.0			.1	.3	126		2	142
8029.0	.2		.1	1.3	126		2	141
8030.0	.3		.1	1.4	125		2	139
8036.0	.4			.4	125		2	138
8058.0	.1			.1	124		2	137
8059.0	.2			.2	124		2	137
8073.0			.1	.1	124		2	136
8074.0			.2	.5	124		2	136
8075.0	.1		.2	1.1	124		1	135
8076.0			.1	.1	124		1	134
8081.0	.1		1.5	4.1	124		1	133
8082.0			.2	.3	124			131
8106.0	.1			.1	124			130
8107.0	.1			.1	124			130
8108.0	.2			.2	124			130
8111.0	1.8			1.8	124			129
8112.0	1.2			1.2	119			125
8113.0	.2			.2	118			124
8114.0	1.5			1.5	118			124
8115.0	2.1			2.1	116			122
8116.0	.4			.4	115			120
8117.0	.5			.5	114			120
8118.0	.4			.4	114			119
8119.0	4.1			4.1	113			119
8120.0	17.0			17.0	104			109
8121.0	8.3			8.3	88			94
8122.0	7.4			7.4	80			86
8123.0	.6			.6	74			79
8128.0	.6			.6	73			79
8129.0	.2			.2	73			78

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
8131.0	4.0			4.0	71			76
8132.0	.1			.1	69			74
8133.0	.3			.3	68			74
8134.0	1.7			1.7	67			73
8135.0	.6			.6	66			71
8136.0	6.4			6.4	61			67
8137.0	12.3			12.3	55			60
8138.0	1.0			1.0	40			45
8139.0	.2			.2	39			45
8140.0	.9			.9	38			44
8141.0	.5			.5	38			43
8142.0	.6			.6	37			42
8143.0	.3			.3	37			42
8144.0	2.3			2.3	35			40
8145.0	.8			.8	33			39
8146.0	.8			.8	33			38
8147.0	4.0			4.0	32			37
8148.0	.2			.2	29			34
8155.0	.1			.1	29			34
8161.0	1.6			1.6	28			33
8162.0	.8			.8	26			31
8163.0	.4			.4	26			31
8164.0	1.7			1.7	25			30
8165.0	.1			.1	24			29
8170.0	1.1			1.1	24			29
8171.0	1.0			1.0	23			28
8172.0	.3			.3	22			27
8185.0	.1			.1	22			26
8186.0	.1			.1	22			26
8210.0	.1			.1	22			24
8214.0	.4			.4	21			24
8219.0	.1			.1	21			24
8226.0	.1			.1	21			23
8227.0	2.1			2.1	20			23
8228.0	.6			.6	18			21
8229.0	.4			.4	18			20
8230.0	1.5			1.5	17			20

DEPTH FT	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
8232.0	1.3			1.3	15			18
8233.0	1.1			1.1	14			17
8234.0	.3			.3	14			16
8235.0	.1			.1	13			16
8237.0	.8			.8	13			15
8238.0	.2			.2	13			15
8239.0	4.1			4.1	12			15
8240.0	1.5			1.5	9			11
8241.0	.4			.4	8			10
8243.0	.4			.4	7			9
8246.0	.3			.3	7			9
8248.0	.1			.1	6			8
8253.0	.3			.3	6			8
8254.0	.4			.4	6			8
8255.0	.1			.1	6			7
8256.0	.1			.1	5			7
8257.0	.2			.2	5			7
8258.0	.1			.1	5			7
8259.0	.5			.5	5			7
8273.0	1.0			1.0	5			6
8279.0	.3			.3	4			5
8280.0	2.0			2.0	3			4
8281.0	1.4			1.4	1			2
8282.0	.1			.1				1