

January 28, 1976

EXXON COMPANY USA #1 W. W. MC COY

1/9/76 - Log Analysis - Ben Ray, Schlumberger

Jackson Co., West Virginia

<u>DEPTH</u>	<u>BULK DENSITY</u>	<u>NEUTRON POROSITY</u>	<u>DELTA T</u>	<u>SONIC POROSITY</u>	<u>RT</u>	<u>SW</u>	<u>REMARKS</u>	
9246-48	2.70	0	52	3.0	140	57	Density Neutron chosen for baselog. Overlay depth corrected to Neutron - Density log.	
48-50	2.68	0	51	2.50	300	47		
50-52	2.73	0	50	2.0	500	22		
52-54	2.75	0	52	3.0	200	50		
54-56	2.75	0	52	3.0	200	50		
56-58	2.75	0	52	3.0	1600	18		
58-60	2.63	0	51	2.5	400	40		Limestone
60-66	2.65	0	50	2.0	250	65		Vm = 21,000
66-68	2.68	0	50	2.0	700	40		Rw = .035
68-72	2.75	0	51	2.5	1800	19		
72-76	2.80	0	51	2.5	180	60	Shaliness tends to make porosities too high on sonic which was used for calculation	
76-78	2.70	0	50	2.0	400	24		
78-80	2.78	0	52	3.0	1800	17		
80-82	2.75	0	52	3.0	250	44		
82-84	2.68	1	55	5.0	1500	10		
84-86	2.68	2	60	9.0	26	44		
86-88	2.68	5	70	16.0	30	19	Fracture	
88-90	2.78	0	52	3.0	200	50		
90-92	2.65	0	51	2.5	500	38		
92-96	2.75	0	53	4.0	1500	13		
96-98	2.70	0	52	3.0	120	63		
298-9300	2.68	0	53	4.0	100	50		
9300-03	2.80	0	54	4.6	350	23		



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DEPTH	DENSITY POROSITY	NEUTRON POROSITY	DELTA T	SONIC POROSITY	POROSITY CROSS PLOT	RT	SW	REMARKS
14354-56			52	6.0				All depths corrected to Density-Neutron
14356-58			55	8.0				
58-60			51	5.0				Cased Readings Qualitative Rw used .03 Shaly Washed out hole
60-62			52	6.0				
62-64			55	8.0				
64-66			53	6.5				
66-68			51	5.0				
68-70	18	14	48	3.0				" " "
70-72	12	10	54	7.0				" " "
72-74	10	10	48	3.0		1600	14	" " "
74-76	6.0	6.0	47	2.0		1800	22	" " "
76-78	0	1.5	55	8.0		1800	5	Vm = 23,000
78-80	0	1.5	47.5	2.5		1800	16	Used sonic run 6-17-75
80-82	-2	1.0	46	1.5		1800		
82-84	5	5	48	3.0		500	27	(Rt. on break)
84-86	4	4	54	4.5		70	48	Shaly Limestone
86-88	4	4	52	3.0		120	53	Shaly Limestone
88-90	4.5	4.5	50	2.0		1800	22	
90-92	1.5	3	47	2.0		1500	25	Limestone
92-94	3	3	51.5	2.5		1600	16	
94-98	.5	2	52	3.0	X Plot	800	21	
14420-26	5.5	5.5	53	4.0	5.5	150	27	Shaly Limestone
14460-64	4.0	4.0	53	4.0	4.0	200	32	Vm 21,000
14496-98	4.0	4.0	56	6.0	4.0	200	32	Used Usual log run 8-26-75 Used X plot porosity for SW calculation
14498-500	5.0	5.0	57	6.8	5.0	60	45	
14506-510	2.0	3.0	54	4.5	2.5	32	100	
14510-12	3.0	4.0	56	6.0	3.5	80	60	
14512-14	4.5	4.5	55	5.0	4.5	70	48	
14534-38	5.0	5.0	61	9.5	5.0	20	80	
38-42	4.0	4.0	61	9.5	4.0	16	100	Shaly