

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PRELIMINARY REPORT

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BENSON MINERAL GROUP
GIBSON NO. 1 WELL

EDWARDS COUNTY, KANSAS

DATE: 2/16/78
FORMATION: KINDERHOOK
DRLG. FLUID: WATER BASE MUD
LOCATION: NW NE SEC. 10-26S-16W

FILE NO: 3402-9218
ENGINEER: PUGH
ELEVATION: 2065' KB

SMP. NO.	DEPTH	PERM. TO AIR MD. MAXIMUM 90 DEG	POROSITY PERCENT	FLUID SATS. OIL WTR.	GR. DEN.	DESCRIPTION			
WHOLE CORE ANALYSIS									
1	4375.0-76.0 82-83	3.7	3.4	10.8	11.8	37.4	2.64	SD,SL/LMY	
2	4376.0-77.0 83-84	3.9	3.4	11.2	10.8	31.8	2.65	SD,SL/LMY	
3	4377.0-78.0 84-85	2.6	1.8	9.5	17.2	27.7	2.64	SD,SL/LMY	
4	4378.0-79.0 85-86	0.7	0.4	8.7	17.6	33.0	2.62	SD,SL/GIL	
+	5	4379.0-80.0 86-87	12.0	0.9	7.1	21.5	39.3	2.57	SD,SLT STKS,GIL
6	4380.0-81.0 87-88	0.5	0.5	7.4	24.6	48.0	2.53	SD,GIL	
7	4381.0-82.0 88-89	2.7	1.7	10.5	14.5	52.1	2.57	SD,SL/LMY,GIL	
8	4382.0-83.0 89	12.0	1.6	9.7	24.9	44.7	2.55	SD,SL/LMY,GIL	
9	4383.0-84.0 90	0.6	0.3	7.0	29.1	46.5	2.55	SD,SL/LMY,GIL	
+	10	4384.0-85.0 91	1.4	0.3	8.5	23.6	45.9	2.55	SD,GIL
+	11	4385.0-86.0 92	2.2	1.1	8.3	25.5	50.5	2.54	SD,SL/LMY,GIL
12	4386.0-87.0 93	0.9	0.5	7.7	17.5	60.3	2.50	SD,GIL,CHT	
13	4387.0-88.0 94	0.7	0.7	8.6	15.9	63.0	2.53	SD,GIL,CHT	
14	4388.0-89.0 95	0.4	0.2	9.2	11.0	61.4	2.59	SD,GIL	
4389.0-4390.0 96 NOT SUBMITTED									
15	4390.0-91.0 97	0.8	0.5	15.3	9.7	63.3	2.64	SD,CHT	
16	4391.0-92.0 98	1.0	0.7	16.1	8.7	69.5	2.64	SD,CHT	
+	17	4392.0-93.0 99	5.8	5.8	15.8	12.5	63.1	2.63	SD,CHT
18	4393.0-94.0 100	<0.1	<0.1	12.8	11.4	68.7	2.60	SD,CHT,GIL	
+	19	4394.0-95.0 01	19.0	12.0	14.2	12.0	60.3	2.60	SD,LMY,CHT,GIL,FISS
20	4395.0-96.0 02	1.8	1.5	20.0	9.9	76.3	2.62	SD,SL/LMY,V/CHT	
21	4396.0-96.5 03	4.3	1.9	14.3	7.3	80.9	2.61	SD,SL/LMY,V/CHT	

+ DENOTES HORIZONTAL CRACKS

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