

**CORE LABORATORIES, INC.**  
*Petroleum Reserer Engineering*  
 DALLAS, TEXAS

AMOCO PRODUCTION COMPANY  
 ISRAEL NO. 1  
 KINSLER FIELD  
 MORTON COUNTY, KANSAS

DATE ON : 16-JUNE-83  
 FORMATION : MORROW  
 DRLG. FLUID: WATER BASE MUD  
 LOCATION : SW NW SEC. 29 T31S R40W

FILE NO : 3806-7162  
 LABORATORY: AURORA  
 ANALYSTS : MJ;JN;FD  
 ELEVATION : 3331.5 KB

# CENTRAL FILES-CORE BOOK

CORE ANALYSIS--BOYLE'S LAW POROSITY

Entered By: OE Checked By: AL-101

API WELL NO.			
State	County	Unique	WT
15	29	20161700	

SAMPLE NUMBER	DEPTH FEET	PERM MD MAX Ka	He POR	OILZ PORE	WTRZ PORE	GRAIN DEN	DESCRIPTION
	<del>5000.0-26.0</del>	<del>(03)</del>	<del>(04)</del>	<del>(05)</del>	<del>(06)</del>	<del>(07)</del>	SHALE - NO ANALYSIS
	<del>5026.0-28.5</del>						LOST CORE
	<del>5028.5-30.0</del>						SHALE - NO ANALYSIS
1	5030.0-31.0	<0.01	3.7	0.0	62.4	2.56	SH LT BRN SLTY
2	5031.0-32.0	0.02	4.1	12.1	79.3	2.62	SST GRY VF-F GR ARG SLTY
3	5032.0-33.0	0.02	7.0	11.5	69.2	2.71	SST GRY VF-F GR DOL ARG MIC
4	5033.0-34.0	0.02	6.2	15.1	73.5	2.66	SST GRY VF-F GR V ARG MIC
5	5034.0-35.0	0.10	7.3	15.0	59.8	2.67	SST GRY VF-F GR V ARG MIC
6	5035.0-36.0	1.3	7.4	18.1	60.2	2.67	SST GRY VF-F SL DOL V ARG MIC
7	5036.0-37.0	0.21	6.1	14.6	37.5	2.70	SST LT GRY VF-M GR DOL ARG MIC
8	5037.0-38.0	0.93	5.6	19.6	36.5	2.71	SST LT GRY VF-M GR DOL ARG MIC
9	5038.0-39.0	0.07	5.2	29.7	34.6	2.72	SST LT GRY VF-M GR DOL ARG MIC
10	5039.0-40.0	0.03	3.7	13.4	68.8	2.66	SST GRY VF-F GR SHLY FYR
11	5040.0-41.0	0.07	10.7	12.3	59.5	2.68	SST GRY VF-F GR SL DOL ARG FYR
12	5041.0-42.0	0.07	8.0	12.3	47.2	2.67	SST LT GRY F-M GR ARG MIC
13	5042.0-43.0	0.36	9.5	10.0	62.6	2.67	SST LT GRY VF-M GR ARG PYR MIC
14	5043.0-44.0	**	8.6	14.4	45.7	2.64	SST DK GRY VF-F GR V SHLY MIC
15	5044.0-45.0	0.57	2.7	11.9	71.4	2.64	SST DK GRY VF-F GR V SHLY MIC
16	5045.0-46.0	0.09	4.5	15.1	25.9	2.77	SST WHT-LT GRY M-C GR DOL MIC
17	5046.0-47.0	0.03	4.3	30.0	30.0	2.75	SST WHT-LT GRY M-C GR DOL MIC
18	5047.0-48.0	0.18	8.5	24.3	25.4	2.69	SST WHT-LT GRY VF-C GR SHLY DOL MIC
19	5048.0-49.0	0.05	10.2	13.9	30.1	2.63	SST WHT-LT GRY VF-M GR CARB DOL MIC

\*\* INDICATES UNSUITABLE PERMEABILITY PLUG  
 VF INDICATES VERTICAL FRACTURE

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29-31S-40W