CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

GETTY OIL COMPANY
STATE NO. 32

DATE : 11-4-80
FORMATION : ATOKA

FILE NO : 3700-12012
ANALYSTS : REINHEIMER

FULL DIAMETER ANALYSIS

	SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
	40	14419.0-20.0	38.	10.	14.0	49.0	27.2	2.71	SD CG VF PP
	41	14420.0-21.0	1.8	1.5	7.4	35.5	25.4	2.66	SD CG PP
	42	14421.0-22.0	0.6	0.5	5.4	38.8	21.6	2.67	SD CG PP
	43	14422.0-23.0	12.	12.	11.4	47.8	17.4	2.68	SD CG PP
*	44	14423.0-24.0	22.		7.6	21.3	16.7	2.65	SD CG VF PP
	45	14424.0-25.0	1.6	1.5	8.2	52.6	10.9	2.66	SD CG PP
	46	14425.0-26.0	3.8	1.2	5.7	16.7	55.6	2.65	SD CG PP
	47	14426.0-27.0	1.5	0.7	5.6	14.6	48.8	2.68	SD CG PP
	48	14427.0-28.0	3.6	3.5	8.7	39.6	11.0	2.68	SD CG PP
	49	14428.0-29.0	7.8	7.8	8.5	28.6	23.8	2.64	SD CG PP
	50	14429.0-30.0	2.5	1.9	8.3	41.9	14.5	2.65	SD CG PP
	51	14430.0-31.0	0.8	0.8	7.7	27.0	22.5	2.64	SD MG SL/MICA F PP
	52	14431.0-32.0	0.6	0.5	7.1	38.4	18.3	2.65	SD M-CG VF PP
	53	14432.0-33.0	7.5	7.3	10.6	36.9	18.5	2.65	SD CG PP
	54	14433.0-34.0	1.2	1.2	7.0	9.8	41.0	2.66	SD M-CG PP
*	55	14434.0-35.0	22.		7.9	17.8	12.4	2.67	SD CG VF PP
	56	14435.0-36.0	8.8	8.8	10.1	45.4	12.6	2.66	SD CG PP
	57	14436.0-37.0	1.4	1.3	7.8	42.9	7.1	2.67	SD M-CG PP
	58	14437.0-38.0	0.2	0.2	4.3	27.3	27.3	2.64	SD M-CG PP
		14438.0-44.0							NA SH VF
	59	14444.0-45.0	<0.1	<0.1	0.9	0.0	50.0	2.78	SD FG SL/MICA SL/LMY SL/SHY
	60	14445.0-46.0	<0.1	<0.1	0.6	0.0	50.0	2.79	SD FG SL/MICA SL/LMY SL/SHY VF
		14446.0-48.0							NA SH MICA
		14448.0-51.0							LOST CORE

* INDICATES PLUG PERMEABILITY

LITHOLOGICAL ABBREVIATIONS

ANH(Y)	ANHYDRITE, ANHYDRITIC
ARK	ARKOSE, ARKOSIC
BAN	BAND, BANDED
BREC	BRECCIA, BRECCIATED
CALC	CALCITE, CALCAREOUS
C[illegible]R	CARBONACEOUS
C	COARSE GRAINED
CHK(Y)	CHALK, CHALKY
CHT(Y)	CHERT, CHERTY
CONGL	CONGLOMERATE, CONGLOMERITIC
CXLN	COARSELY CRYSTALLINE
DNS	DENSE
DOL(C)	DOLOMITE, DOLOMITIC
F	RANDOMLY ORIENTED FRACTURES
FG	FINE GRAINED
FOSS	FOSSILIFEROUS
FR	FRIABLE
FXLN	FINELY CRYSTALLINE
GAL	GALENA
GLAUC	GLAUCONITE, GLAUCONITIC
GRAN	GRANITE
G	GYPSUM, GYPSIFEROUS
HF	PREDOMINANTLY HORIZONTALLY FRACTURED
INC	INCLUSION
INTBD	INTERBEDDED
LAM	LAMINATED
LM(Y)	LIMESTONE, LIMY
MG	MEDIUM GRAINED
MTX	MATRIX
NA	INTERVAL NOT ANALYZED (AT REQUEST OF CLIENT)
NOD	NODULE, NODULAR
OOL	OOLITIC
PISO	PISOLITIC
PP	PINPOINT POROSITY
PT	PARTING
PYR	PYRITE, PYRITIC
SD(Y)	SANDSTONE, SANDY
SH(Y)	SHALE, SHALY
SHR	SOLID HYDROCARBON RESIDUE
SL/	SLIGHTLY
SLT(Y)	SILT, SILTY
STY	STYLOLITE, STYLOLITIC
SUC	SUCROSIC
SUL	SULPHUR
TBFA	TOO BROKEN FOR ANALYSIS
TRIP	TRIPOLITE
V/	VERY
VF	PREDOMINANTLY VERTICALLY FRACTURED
V	VUGULAR
XBD	CROSSBEDDED
XLN	MEDIUM CRYSTALLINE
XTL	CRYSTAL

THE FIRST WORD IN THE DESCRIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCRIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.