

DESCRIPTION AND REMARKS

(X: Interval of estimated last core)

Date 2-16-89 3-9-89

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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PHILLIPS PETROLEUM COMPANY
LAMBERT NO. A-2
S. PETERSON FUSSELMAN FIELD
ROOSEVELT COUNTY, TEXAS

DATE : 3-28-79
FORMATION : FUSSELMAN
DRLG. FLUID: SALT GEL
LOCATION : 1980' FNL & 1980' FWL, SEC. 31, T-5-S, R-33-E

FILE NO : 3202-11088
ANALYSTS : MORSE
ELEVATION: 4396.8' GL

WHOLE CORE ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. FLD	FLUID SATS. OIL	WTR	DESCRIPTION
CORE NO. 1 7811.0-7819.0 CUT 8' REC 8'							
7811.0-19.0							
CORE NO. 2 7819.0-7850.0 CUT 31' REC 29'							
1	7819.0-23.0	1.4	0.6	4.6	12.2	41.9	CONG, SHY, DNS
2	7823.0-24.0	0.2	*	11.3	10.6	33.1	LM, CHT, F
3	7824.0-25.0	33.	18.	13.5	12.7	33.1	DOL, LMY, SHY, CHT, F
4	7825.0-26.0	20.	9.9	13.0	22.0	24.4	DOL, CHT, V/F
5	7826.0-27.0	92.	17.	13.3	15.3	30.7	DOL, SL/V, SL/F
6	7827.0-28.0	0.1	*	9.7	17.0	35.8	DOL, V/F
7	7828.0-29.0	0.1	*	9.9	14.4	38.8	LM, SHY, F
8	7829.0-30.0	0.1	*	8.3	17.3	39.6	DOL, SHY, V/F
9	7830.0-31.0	0.3	*	12.5	14.1	43.3	DOL, V/F
10	7831.0-32.0	48.	26.	10.0	15.1	35.9	DOL, F, SL/V
11	7832.0-33.0	12.	10.	8.3	19.0	33.1	DOL, F
12	7833.0-34.0	0.2	*	10.8	17.2	34.9	DOL, SL/F
13	7834.0-35.0	38.	25.	9.3	12.0	29.0	DOL, V, SL/F
14	7835.0-36.0	32.	29.	10.1	16.0	23.9	DOL, SHY, SL/V, SL/F
15	7836.0-37.0	15.	8.2	7.7	12.6	22.1	DOL, CHT, SL/V
16	7837.0-38.0	12.	11.	8.8	18.9	21.0	DOL, CHT, V/F
17	7838.0-39.0	<0.1	*	5.7	13.6	30.2	DOL
18	7839.0-40.0	0.5	*	13.3	21.0	23.3	DOL, CHT, V
19	7840.0-41.0	0.4	*	11.5	16.7	25.1	DOL, V/F, V
20	7841.0-42.0	0.2	*	9.7	16.7	27.8	DOL, V, F
	7842.0-43.0						DOL, F

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PHILLIPS PETROLEUM COMPANY
 LAMBERT NO. A-2

DATE : 3-28-79
 FORMATION : FUSSELMAN

FILE NO : 3202-110RB
 ANALYSTS : MORSE

WHOLE CORE ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)		POR.		FLUID SATS		DESCRIPTION
		MAXIMUM	90 DEG	FLD	OIL	WTR		
21	7843.0-44.0	42.	35.	8.6	20.6	26.0		DOL, F
22	7844.0-45.0	566.	40.	8.1	8.7	35.6		DOL, V/F
23	7845.0-46.0	204.	4.3	4.1	22.1	51.2		DOL, V/F
24	7846.0-47.0	29.	15.	7.3	12.2	33.8		DOL, CHT, V/F, SL/V
25	7847.0-48.0	4.0	2.8	4.7	12.3	41.1		DOL, SL/V, F
	7848.0-50.0							LOST CORE

* INDICATES PLUG PERM

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LITHOLOGICAL ABBREVIATIONS

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