CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

ENSERCH EXPLORATION, INC.

NO. 1 TERRY
PETERSON N MISS FIELD
ROOSEVELT COUNTY, NEW MEXICO

PRELIMINARY PRINT

CORRECTED REPORT

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

ENSERCH EXPLORATION, INC.
NO. 1 TERRY
PETERSON N MISS FIELD
ROOSEVELT COUNTY, NEW MEXICO

DATE : 5-22-81
FORMATION : MISSISSIPIAN
DRLG. FLUID: BRINE BASE MUD
LOCATION : 660' FWL & 660' FNL, SEC. 5, T-33-E, R-5-S

FILE NO : 3202-12347
ANALYSTS : REINHEIMER
LABORATORY: MIDLAND TEXAS

FULL DIAMETER ANALYSIS

SAMPLE NUMBER		DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
		CORE NO. 1 8240.0-8259.0 CUT 19' REC 19'							
S	1	8240.0-41.0	0.25	0.19	0.7	0.0	66.7	2.69	LM CALC FOSS STY
S	2	8241.0-42.0	0.07	0.03	0.1	0.0	70.0	2.70	LM FOSS STY
S	3	8242.0-43.0	0.21	0.21	0.5	0.0	50.0	2.71	LM FOSS STY
S	4	8243.0-44.0	0.13	0.06	0.0	0.0	60.0	2.69	LM FOSS
S	5	8244.0-45.0	0.07	0.04	0.1	0.0	80.0	2.69	LM VF FOSS STY
S	6	8245.0-46.0	0.12	0.09	1.6	0.0	92.3	2.69	LM CHTY F FOSS
S	7	8246.0-47.0	0.15	0.14	1.4	0.0	86.7	2.74	LM SL/CHTY VF CALC FOSS
S	8	8247.0-48.0	0.41	0.33	2.5	0.0	97.2	2.70	LM CHTY VF FOSS
S	9	8248.0-49.0	0.06	0.06	1.1	0.0	75.0	2.71	LM FOSS STY
S	10	8249.0-50.0	<0.01	<0.01	2.5	0.0	91.2	2.76	LM FOSS
S	11	8250.0-51.0	0.09	0.09	2.5	0.0	96.0	2.82	DOL SL/LMY VF
S	12	8251.0-52.0	0.09	0.09	1.0	0.0	16.5	2.71	LM VF FOSS STY
S	13	8252.0-53.0	0.06	0.06	2.4	0.0	97.1	2.69	LM CHTY FOSS
S	14	8253.0-54.0	0.11	0.05	3.5	0.0	88.9	2.72	DOL CHTY SL/LMY SL/F FOSS
S	15	8254.0-55.0	0.05	<0.01	3.6	0.0	98.0	2.71	SL/DOLC SL/LMY SL/F CALC FOSS
S	16	8255.0-56.0	0.03	0.02	0.9	0.0	85.7	2.65	LM CHTY SL/SDY CALC SHLAM
S	17	8256.0-57.0	0.21	0.18	1.2	0.0	93.7	2.72	LM CHTY CALC STY
S	18	8257.0-58.0	<0.01	<0.01	1.2	0.0	83.3	2.68	LM CHTY
S	19	8258.0-59.0	0.05	0.03	0.1	0.0	87.5	2.62	CHTY SL/LMY VF FOSS
		CORE NO. 2 8259.0-8276.0 CUT 17' REC 17'							
	20	8259.0-60.0	0.05	<0.01	0.1	0.0	85.7	2.61	CHTY SL/LMY VF FOSS

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

ENSERCH EXPLORATION, INC.
NO. 1 TERRY

DATE : 5-22-81
FORMATION : MISSISSIPIAN

FILE NO : 3202-12347
ANALYSTS : REINHEIMER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
21	8260.0-61.0	0.70	0.20	1.3	0.0	92.3	2.70	CHTY SL/LMY VF FOSS
22	8261.0-62.0	1.6	1.3	1.5	0.0	91.3	2.68	LM CHTY VF FOSS STY
23	8262.0-63.0	1.1	1.0	1.3	0.0	95.7	2.72	LM CHTY SL/CALC VF FOSS
24	8263.0-64.0	0.55	0.28	1.7	0.0	92.9	2.66	LM CHTY
25	8264.0-65.0	0.77	0.67	1.8	0.0	96.2	2.69	LM CHTY SL/SHY VF FOSS STY
26	8265.0-66.0	0.25	0.08	1.8	0.0	81.2	2.76	LM CHTY SL/SHY VF FOSS STY
27	8266.0-67.0	0.27	0.22	1.3	0.0	90.5	2.71	LM CHTY VF FOSS
28	8267.0-68.0	0.14	0.07	2.5	0.0	92.9	2.77	LM CHTY FOSS
29	8268.0-69.0	0.47	0.32	1.7	0.0	88.9	2.63	CHTY SL/LMY VF FOSS
30	8269.0-70.0	0.37	0.32	1.2	0.0	88.9	2.64	CHTY SL/LMY VF FOSS
31	8270.0-71.0	0.03	<0.01	1.3	0.0	88.2	2.62	CHTY SL/LMY SL/F FOSS
32	8271.0-72.0	1.0	0.23	1.5	0.0	88.2	2.67	LM CHTY VF SHLAM FOSS
33	8272.0-73.0	0.36	0.29	1.0	0.0	81.8	2.70	LM CHTY SL/SHY SHLAM FOSS STY
34	8273.0-74.0	1.3	0.60	0.9	0.0	80.0	2.66	LM CHTY SL/SHY VF SHLAM FOSS STY
35	8274.0-75.0	0.18	<0.01	0.9	0.0	80.0	2.72	LM CHTY VF FOSS
36	8275.0-76.0	1.3	0.87	1.1	0.0	77.8	2.67	LM CHTY SL/SHY VF FOSS STY
	CORE NO. 3 8276.0-8305.0 CUT 29' REC 29'							
37	8276.0-77.0	0.08	0.08	1.9	6.1	80.9	2.65	LM SL/F
38	8277.0-78.0	0.19	0.13	1.3	0.0	90.9	2.62	LM SL/F
39	8278.0-79.0	0.07	0.03	0.9	0.0	90.0	2.64	CHTY SL/LMY F
40	8279.0-80.0	0.33	0.05	0.7	0.0	90.9	2.68	CHTY SL/LMY F
41	8280.0-81.0	1.5	0.28	3.8	0.0	95.5	2.66	SHY SL/LMY
42	8281.0-82.0	0.58	0.32	3.4	0.0	97.4	2.77	SHY SL/LMY F
43	8282.0-83.0	0.67	0.56	3.9	0.0	95.0	2.81	SHY SL/LMY F
44	8283.0-84.0	5.3	0.75	4.0	0.0	91.1	2.79	SHY SL/LMY F
45	8284.0-85.0	2.0	1.3	3.6	0.0	95.0	2.80	SHY SL/LMY VF
46	8285.0-86.0	1.6	1.4	5.6	0.0	92.5	2.82	SHY SL/LMY F

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

ENSERCH EXPLORATION, INC.
NO. 1 TERRY

DATE : 5-22-81
FORMATION : MISSISSIPIAN

FILE NO : 3202-12317
ANALYSTS : REINHEIMER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
47	8286.0-87.0	0.14	0.09	1.4	0.0	83.3	2.72	LM SL/F SHLAM FOSS
48	8287.0-88.0	0.08	0.04	0.9	0.0	88.9	2.69	LM SL/SHY VF FOSS
49	8288.0-89.0	3.8	0.84	1.1	0.0	83.0	2.70	LM SL/F SHLAM FOSS
50	8289.0-90.0	0.29	0.07	0.9	0.0	94.7	2.71	LM SL/F FOSS
51	8290.0-91.0	0.99	0.60	1.4	0.0	81.4	2.71	LM VF FOSS
52	8291.0-92.0	4.5	2.8	0.9	0.0	85.7	2.71	LM SL/F SHLAM FOSS
53	8292.0-93.0	0.30	0.15	0.7	0.0	12.5	2.71	LM SL/F SHLAM FOSS
54	8293.0-94.0	0.06	0.06	0.9	0.0	75.0	2.70	LM FOSS
55	8294.0-95.0	0.13	0.09	1.1	0.0	80.0	2.72	LM SL/F FOSS
56	8295.0-96.0	0.15	0.04	1.2	0.0	91.7	2.73	LM SL/F FOSS
57	8296.0-97.0	0.04	0.04	1.2	0.0	92.7	2.73	LM SL/F FOSS
58	8297.0-98.0	0.11	0.11	0.6	0.0	91.2	2.73	LM FOSS
59	8298.0-99.0	0.29	0.29	1.6	0.0	90.9	2.73	LM SL/F FOSS
60	8299.0- 0.0	0.12	0.10	0.9	0.0	94.4	2.72	LM SL/F FOSS
61	8300.0- 1.0	0.12	0.08	1.4	0.0	92.3	2.73	LM SL/F FOSS
62	8301.0- 2.0	1.9	0.13	1.7	20.0	93.3	2.74	LM SL/F FOSS
63	8302.0- 3.0	0.16	0.16	1.6	0.0	91.7	2.73	LM SL/F FOSS
64	8303.0- 4.0	0.28	0.14	1.4	0.0	92.4	2.74	LM SL/F FOSS
65	8304.0- 5.0	0.25	0.19	1.2	0.0	95.1	2.73	LM SL/F FOSS

S INDICATES A PRESERVED SAMPLE

LITHOLOGICAL ABBREVIATIONS

ANH(Y)	ANHYDRITE, ANHYDRITIC
ARK	ARKOSE, ARKOSIC
BAN	BAND, BANDED
BREC	BRECCIA, BRECCIATED
CALC	CALCITE, CALCAREOUS
CARB	CARBONACEOUS
CG	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
GYP	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

ILLEGIBLE

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.