FILE COPY

CORE ANALYSIS REPORT

FOR

TRIPLE I ENERGY CORPORATION
GOOD NO. 22 WELL
MIAMI COUNTY, KANSAS

CORE LAB

AUGUST 31, 1983

TRIPLE I ENERGY CORPORATION
6600 COLLEGE BOULEVARD
SUITE 310
OVERLAND PARK, KANSAS 66211

ATTN: MR. STEVE ALLEE

SUBJECT: CORE ANALYSIS DATA
GOOD NO. 22 WELL
MIAMI COUNTY, KANSAS
CLI FILE NO. 3406-02471

GENTLEMEN:

DIAMOND CORES WERE TAKEN IN THE SUBJECT WELL AND LATER TRANSPORTED TO OUR CHANUTE LABORATORY FOR ANALYTICAL PURPOSE. THE MEASURED DATA FOLLOWS ON THE ACCOMPANYING PAGES OF THIS REPORT.

THE ACCOMPANYING COREGRAPH PRESENTS THE SURFACE CORE GAMMA LOG AND BINOMIALLY AVERAGED CORE ANALYSIS DATA IN GRAPHICAL FORM TO AID CORRELATION WITH DOWNHOLE ELECTRICAL SURVEYS.

PRODUCTIVITY INDICATED FROM THE RESIDUAL FLUID SATURATION DATA IN THE INTERVAL ANALYZED BETWEEN 452 AND 466 FEET WOULD LIKELY BE OIL AFTER FORMATION TREATMENT.

ZONAL AVERAGES ALONG WITH ESTIMATES OF RECOVERABLE OIL (WHERE APPLICABLE) ARE PRESENTED ON THE CORE SUMMARY PAGE OF THIS REPORT.

SECONDARY RECOVERY FROM A PRUDENT WATER FLOOD PROGRAM MAY APPROXIMATE PRIMARY RECOVERY BARRELS PER ACRE FOOT.

THANK YOU FOR THIS OPPORTUNITY TO SERVE YOU.

VERY TRULY YOURS

CORE LABORATORIES, INC.

J. Michael Edwards REP

J. MICHAEL EDWARDS
DISTRICT MANAGER

4 CC - ADDRESSEE

TRIPLE I ENERGY CORPORATION
GOOD NO. 22 WELL
LOUISBURG FIELD
MIAMI COUNTY. KANSAS

DATE: 8/31/83
FORMATION: WEISER
DRLG. FLUID: AIR/SALT WATER MIST
LOCATION: 2145'NSL 825'WEL; SE 1/4; SEC. 11-17S-24E

FILE NO: 3406-02471
ENGINEER: PRITCHARD
ELEVATION: 1027.0 FT.

CONVENTIONAL PLUG ANALYSIS

SMP. NO.	DEPTH	STB/ AC.FT.	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL	FLUID SATS. WTR.	GR. DEN.	DESCRIPTION
	451.0-52.0							SH,SL/SDY
1	452.0-53.0	946.0	0.5	22.0	31.0	42.3		SD,SLTY,SHY,PYR,CAL
2	453.0-54.0	670.0	0.8	19.3	26.8	53.6		SD,SLTY,SHY,PYR,CAL
3	454.0-55.0	1199.0	45.0	22.0	59.3	27.1		SD,SHY,PYR,CAL,MIC
4	455.0-56.0	929.0	25.0	20.7	39.9	39.9		SD,SHY,PYR,CAL,MIC
5	456.0-57.0	1481.0	50.0	24.6	64.2	19.2		SD,SHY,PYR,CAL,MIC
6	457.0-58.0	1080.0	97.0	21.4	49.1	32.4		SD,SHY,PYR,CAL,MIC
7	458.0-59.0	1274.0	34.0	22.2	59.6	23.2		SD,SHY,PYR,CAL,MIC
8	459.0-60.0	978.0	57.0	17.2	62.3	23.5		SD,SHY,PYR,CAL,MIC
9	460.0-61.0	709.0	0.8	13.2	56.3	28.2		SD,LMY SHY,PYR,MIC
10	461.0-62.0	1233.0	79.0	22.6	59.0	26.9		SD,SHY,PYR,CAL,MIC
11	462.0-63.0	1492.0	109.0	24.8	61.4	19.3		SD,SHY,PYR,CAL,MIC
12	463.0-64.0	1169.0	33.0	19.9	64.3	21.0		SD,GIL,SHY,PYR,CAL
13	464.0-65.0	1192.0	72.0	21.4	59.9	25.2		SD,GIL,SHY,PYR,CAL
14	465.0-66.0	1017.0	19.0	20.4	48.8	33.2		SD,GIL,SHY,PYR,CAL

Company TRIPLE I ENERGY CORPORATION

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Well GOOD NO. 22

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CORE SUMMARY AND CALCULATED RECOVERABLE OIL

FORMATION NAME	WEISER				
DEPTH INTERVAL	452 - 466				
FEET OF CORE RECOVERED FROM ABOVE INTERVAL	14				
FEET OF CORE INCLUDED IN AVERAGES	14				
AVERAGE PERMEABILITY: MILLIDARCYS	44				
PRODUCTIVE CAPACITY: MILLIDARCY-FEET	616				
AVERAGE POROSITY: PER CENT	20.8				
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE	53.0				
AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE	29.6				
AVERAGE CONNATE WATER SATURATION: PER CENT OF PORE SPACE (e)	27.0				
OIL GRAVITY: °API					
ORIGINAL SOLUTION GAS-OIL RATIO: CUBIC FEET PER BARREL					
ORIGINAL FORMATION VOLUME FACTOR: BARRELS SATURATED OIL PER BARREL STOCK-TANK OIL	1.04				
CALCULATED ORIGINAL STOCK-TANK OIL IN PLACE: BARRELS PER ACRE-FOOT	1133				

Calculated maximum solution gas drive recovery is 136 barrels per acre-foot, assuming production could be continued until reservoir pressure declined to zero psig. These recovery estimates represent theoretical maximum values for solution gas drive and do not take into account any prior production or drainage to other areas. The difference between the calculated stock-tank oil in place and the solution gas drive recovery estimates, which are barrels per acre-foot, represent that portion of the reservoir oil which is available for possible secondary recovery techniques. Estimates of additional recoverable oil by secondary or enhanced methods would necessitate a complete engineering study of the subject reservoir.

(c) calculated (e) estimated (m) measured

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

ANY TRIPLE I ENERGY CORPORATION — FILE NO. 3406-02471

GOOD NO. 22 — DATE 8/31/83

LOUISBURG — FORMATION WEISER — ELEV. 1027.0

TY MIAMI — STATE KANSAS — DRLG. FLD. AIR/SALT WATER MIST — CORES

TION 2145'NSL 825'WEL; SE 1/4; SEC. 11-17S-24E

CORRELATION COREGRAPH

VERTICAL SCALE: 5" = 100'