CORE ANALYSIS REPORT

FOR

TRIPLE I ENERGY CORPORATION
BURRIS A-15-W WELL
MIAMI COUNTY, KANSAS

CORE LAB

AUGUST 22, 1983

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

ATTN: MR. STEVE ALLEE

SUBJECT: CORE ANALYSIS DATA
BURRIS A-15-W WELL
MIAMI COUNTY, KANSAS
CLI FILE NO. 3406-02450

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.

THE MEASURED PHYSICAL PROPERTIES ARE SUGGESTIVE OF OIL AND WATER PRODUCTIVITY IN THE INTERVALS FROM 440 TO 455 FEET.

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

WE APPRECIATE THIS OPPORTUNITY OF SERVING YOU.

VERY TRULY YOURS

CORE LABORATORIES, INC.

J. Michael Edwards

J MICHAEL EDWARDS/RP
DISTRICT MANAGER

5 CC - ADDRESSEE

TRIPLE I ENERGY CORPORATION
BURRIS A NO. 15-W WELL
LOUISBURG FIELD
MIAMI COUNTY, KANSAS

DATE: 08/22/83
FORMATION: WEISER
DRLG. FLUID: AIR/SALT WATER MIST
LOCATION: 660'NSL 330EWL;SW 1/4;SEC. 12-17S-24E

FILE NO: 3406-02450
ENGINEER: PRITCHARD
ELEVATION: 1072.19FT.

CONVENTIONAL PLUG ANALYSIS

SMP. NO.	DEPTH	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL	FLUID SATS. WTR.	GR. DEN.	DESCRIPTION
1	440.0-41.0	0.8	17.3	19.3	49.6		SD,SLTY,SHY,CAL,MIC
2	441.0-42.0	173.0	17.6	13.7	31.3		SD,SHY,SL/CAL,MIC
3	442.0-43.0	188.0	17.2	14.3	40.9		SD,SHY,SL/CAL,MIC
4	443.0-44.0	38.0	23.5	13.5	42.3		SD,SH LAM,LMY,MIC
5	444.0-45.0	23.0	24.6	13.2	29.1		SD,SH LAM,LMY,MIC
6	445.0-46.0	120.0	22.4	16.0	35.0		SD,SL/SHY,LMY,MIC
7	446.0-47.0	27.0	21.2	17.0	39.2		SD,SHY,LMY,MIC
8	447.0-48.0	97.0	22.7	12.1	36.8		SD,SH LAM,LMY,MIC
9	448.0-49.0	107.0	26.3	10.1	21.8		SD,SHY,LMY,MIC
10	449.0-50.0	18.0	22.2	14.3	34.7		SD,SH LAM,LMY,MIC
11	450.0-51.0	5.4	20.1	16.1	43.7		SD,SH LAM,LMY,MIC
12	451.0-52.0	53.0	19.1	18.4	41.7		SD,SHY,LMY,MIC
13	452.0-53.0	3.5	17.8	22.7	41.4		SD,SHY,SLTY,LMY,MIC
14	453.0-54.0	29.0	17.5	18.9	45.9		SD,SH LAM,LMY,MIC
15	454.0-55.0	9.6	21.8	16.8	36.7		SD.SHY,SLTY,LMY,MIC
	455.0-60.0						SHALE

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
CHANUTE, KANSAS

LITHOLOGICAL ABBREVIATIONS

sand - sd
sandy - sdy
shale - sh
shaly - shy
lime - lm
limey - lmy
fine - fn
medium - md
coarse - cs
grain - gr
slightly - sl/
very - v/
with - w/
silty - slty
vuggy - vgy
brown - brn
dark - dk

laminated - lam
pyrite - pyr
gilcinite - gil
lignite - lig
dolomite - dol
chert - ch
cementations - cmt
calcareous - cal
mica or micaceous - mic
inclusions - incl
pin point porosity - pp
fossiliferous - foss
conglomerate - cong
clay - cl
TBA - too broken to analyze

Company TRIPLE I ENERGY CORPORATION

Page 3

Well BURRIS A-15-W

CLI File 3406-02450

CORE SUMMARY AND CALCULATED RECOVERABLE OIL

FORMATION NAME	WEISER				
DEPTH INTERVAL	440 - 455				
FEET OF CORE RECOVERED FROM ABOVE INTERVAL	15				
FEET OF CORE INCLUDED IN AVERAGES	15				
AVERAGE PERMEABILITY: MILLIDARCYS	60				
PRODUCTIVE CAPACITY: MILLIDARCY-FEET	900				
AVERAGE POROSITY: PER CENT	20.8				
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE	15.8				
AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE	38.0				
AVERAGE CONNATE WATER SATURATION: PER CENT OF PORE SPACE					
OIL GRAVITY: °API					
ORIGINAL SOLUTION GAS-OIL RATIO: CUBIC FEET PER BARREL					
ORIGINAL FORMATION VOLUME FACTOR: BARRELS SATURATED OIL PER BARREL STOCK-TANK OIL					
CALCULATED ORIGINAL STOCK-TANK OIL IN PLACE: BARRELS PER ACRE-FOOT					

Calculated maximum solution gas drive recovery is * 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*

NY TRIPLE I ENERGY CORPORATION — FILE NO. 3406-02450

BURRIS A-15-W — DATE 8/22/83

LOUISBURG — FORMATION WEISER — ELEV. 1072.19

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

ION 660'NSL 330'EWL; SW 1/4; SEC. 12-17S-24E

CORRELATION COREGRAPH

VERTICAL SCALE: 5" = 100'