

RGY COR
BOULEVARD
OK, KANSAS 66211
EVE ALL
SUBJECT: CORE ANAL

CORE ANALYSIS REPORT
FOR
TRIPLE I ENERGY CORPORATION
BURRIS A-11-W WELL
MIAMI COUNTY, KANSAS



MAY 25, 1983

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

ATTN: MR. STEVE ALLEE

SUBJECT: CORE ANALYSIS DATA
BURRIS A-11-W WELL
MIAMI COUNTY, KANSAS
CLI FILE NO. 3406-02264

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 467 AND 482 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.

WE ARE PLEASED TO HAVE BEEN OF SERVICE AND TRUST THESE DATA WILL AID THE PRELIMINARY EVALUATION OF THIS WELL.

VERY TRULY YOURS

CORE LABORATORIES, INC.

J. Michael Edwards
J. MICHAEL EDWARDS
DISTRICT MANAGER

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

1

TRIPLE I ENERGY CORPORATION
 BURRIS A-11-W WELL
 LOUISBURG FIELD
 MIAMI COUNTY, KANSAS

DATE: 5/24/83
 FORMATION: PERU
 DRLG. FLUID: AIR
 LOCATION: 330'NSL 990'EWL; SW 1/4; SEC. 12-17S-24E

FILE NO: 3406-02264
 ENGINEER: PRITCHARD
 ELEVATION:

SMP. NO.	DEPTH	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL WTR.	STB/ AC.FT.	DESCRIPTION
CONVENTIONAL PLUG ANALYSIS						
	466.0-67.0					SH,SD LAM
1	467.0-68.0	78.0	21.2	41.6 46.1	854	SD,SH LAM,LMY,MIC
2	468.0-69.0	69.0	23.9	35.6 44.1	997	SD,SH LAM,LMY,MIC
3	469.0-70.0	183.0	22.9	33.6 48.9	872	SD,LMY,MIC
4	470.0-71.0	66.0	26.2	35.6 48.6	1005	SD,SL/SHY,LMY,MIC
5	471.0-72.0	108.0	24.1	32.5 46.4	966	SD,SH LAM,LMY,MIC
6	472.0-73.0	181.0	24.2	35.2 47.6	944	SD,SHY,LMY,MIC
7	473.0-74.0	176.0	23.6	38.0 38.0	1091	SD,SHY,SL/CAL,MIC
8	474.0-75.0	333.0	20.9	44.3 38.8	954	SD,SHY,SL/LMY,MIC
9	475.0-76.0	27.0	15.4	41.0 37.9	713	SD,SLTY,SHY,LMY,MIC
10	476.0-77.0	13.0	15.3	37.3 40.4	678	SD,SLTY,SHY,LMY,MIC
11	477.0-78.0	109.0	25.1	36.5 49.9	938	SD,SHY,LMY,MIC
12	478.0-79.0	127.0	24.3	38.2 51.2	886	SD,SHY,CAL,MIC
13	479.0-80.0	35.0	25.8	33.7 54.4	876	SD,SHY,CAL,MIC
14	480.0-81.0	80.0	25.0	34.2 49.0	949	SD,SLTY,SHY,CAL,MIC
15	481.0-82.0	85.0	24.5	33.0 55.0	823	SD,SH INCL,LMY,MIC

Company TRIPLE I ENERGY CORPORATIONPage 2Well BURRIS A-11-WCLI File 3406-02264**CORE SUMMARY AND CALCULATED RECOVERABLE OIL**

FORMATION NAME		PERU			
DEPTH INTERVAL		467 - 482			
FEET OF CORE RECOVERED FROM ABOVE INTERVAL		15			
FEET OF CORE INCLUDED IN AVERAGES		15			
AVERAGE PERMEABILITY: MILLIDARCYS		111			
PRODUCTIVE CAPACITY: MILLIDARCY-FEET		1665			
AVERAGE POROSITY: PER CENT		22.8			
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE		36.7			
AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE		46.4			
AVERAGE CONNATE WATER SATURATION: PER CENT OF PORE SPACE	(e)	45.0			
OIL GRAVITY: °API	(e)	28°			
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		935			

Calculated maximum solution gas drive recovery is 112 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
CHANUTE, KANSAS

LITHOLOGICAL ABBREVIATIONS

sand - sd
sandy - sdy
shale - sh
shaley - 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

CORE LABORATORIES, INC.**Petroleum Reservoir Engineering**

COMPANY TRIPLE I ENERGY CORPORATION FILE NO. 3406-02264
WELL BURRIS A-11-W DATE 5/25/83
LOCALITY LOUISBURG FORMATION PERU ELEV. _____
COUNTY MIAMI STATE KANSAS DRILLING FLD. AIR CORES _____
LOCATION 330'NSL 990'EWL; SW 1/4; SEC. 12-17S-24E

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

Total Water _____

PERCENT PORE SPACE

100 80 60 40 20 0

Gamma Ray

RADIATION INCREASE →

Permeability _____

MILLIDARCIES

Porosity _____

PERCENT

Oil Saturation _____

PERCENT PORE SPACE

1000

100

10

1

Depth
Feet

30

20

10

0

0

20

40

60

80

100

450

466

482

500

550

