

ERGY CORPORATION
BOULEVA CORE ANALYSIS REPORT

RK, KANSAS 66277 FOR

TEVE TRIPLE I ENERGY CORPORATION
GOOD NO. 30-W WELL
MIAMI COUNTY, KANSAS

CORE ANAL
GOOD NO.



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. 30-W WELL
MIAMI COUNTY, KANSAS
CLI FILE NO. 3406-02473

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 362 AND 369 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 APPRECIATE THIS OPPORTUNITY OF SERVING YOU.

VERY TRULY YOURS

CORE LABORATORIES, INC.

J. Michael Edwards / REP
J. MICHAEL EDWARDS
DISTRICT MANAGER

5 CC - ADDRESSEE

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

TRIPLE I ENERGY CORPORATION
 GOOD NO. 30-W WELL
 LOUISBURG FIELD
 MIAMI COUNTY, KANSAS

DATE: 8/31/83
 FORMATION: WEISER
 DRLG. FLUID: AIR/SALT WATER MIST
 LOCATION: 2310'NSL 1980'WEL; SE 1/4; SEC. 11-17S-24E

FILE NO: 3406-02473
 ENGINEER: PRITCHARD
 ELEVATION: 962.8 FT.

SMP. NO.	DEPTH	STB/ AC.FT.	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL	WTR.	GR. DEN.	DESCRIPTION
CONVENTIONAL PLUG ANALYSIS								
1	362.0-63.0	1319.0	50.0	22.8	38.2	22.5		SD,SHY,PYR,CAL,MIC
2	363.0-64.0	1282.0	32.0	22.4	47.7	23.3		SD,SHY,PYR,CAL,MIC
3	364.0-65.0	963.0	5.3	17.3	41.6	25.5		SD,LMY,PYR,MIC
4	365.0-66.0	922.0	16.0	17.0	44.5	27.3		SD,LMY,PYR,MIC
5	366.0-67.0	1412.0	93.0	23.7	48.7	20.1		SD,LMY,PYR,MIC
6	367.0-68.0	1489.0	81.0	24.0	51.9	16.7		SD,LMY,PYR,MIC
7	368.0-69.0	1247.0	78.0	22.1	44.9	24.5		SD,LMY,PYR,MIC
	369.0-69.2							SD
	369.2-77.7							SH

These analyses, opinions or interpretations are based on observations and materials 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 and 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 operations, or profitableness of any oil, gas or other mineral well or sand in connection with which this report is made.

Company TRIPLE I ENERGY CORPORATIONPage 3Well GOOD NO. 30-WCLI File 3406-02473**CORE SUMMARY AND CALCULATED RECOVERABLE OIL**

FORMATION NAME	WEISER				
DEPTH INTERVAL	362 - 369				
FEET OF CORE RECOVERED FROM ABOVE INTERVAL	7				
FEET OF CORE INCLUDED IN AVERAGES	7				
AVERAGE PERMEABILITY: MILLIDARCY	51				
PRODUCTIVE CAPACITY: MILLIDARCY-Feet	357				
AVERAGE POROSITY: PER CENT	21.3				
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE	45.4				
AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE	22.8				
AVERAGE CONNATE WATER SATURATION: PER CENT OF PORE SPACE (e)	21.0				
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	1255				

Calculated maximum solution gas drive recovery is 151 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

FILE NO. 3406-02473

COMPANY TRIPLE I ENERGY CORPORATION

GOOD NO. 30-W

DATE 8/31/83

LOCALITY LOUISBURG

FORMATION WEISER

ELEV. 92.8

COUNTY MIAMI

STATE KANSAS

DRLG. FLD. AIR/SALT WATER MIST CORES

LOCATION 2310'NSL 1980'WEL; SE 1/4; SEC. 11-17S-24E

CORRELATION COREGRAPH

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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

350

362

378

400

450

