CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

POGO PRODUCING COMPANY

EBR FEDERAL NO. 1
WILDCAT
LEA COUNTY, NEW MEXICO

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 such report is used or relied upon.

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EBR FEDERAL NO. 1
WILDCAT
LEA COUNTY, NEW MEXICO

DATE : 6-26-81
FORMATION : MORROW
DRLG. FLUID: SALT POLYMER
LOCATION : 1980' FAL & 660' FWL, T-22-S, R-33-E SEC. 17

FILE NO : 3202-12409
ANALYSTS : REINHEIMER
ELEVATION: 3601.5' G.L.

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
	CORE NO. 1 14560.0-14570.0 CUT 10' REC 8'							
1	14560.0-61.0	8.10	3.30	3.8	0.0	93.1	2.66	SD,PP
2	14561.0-62.0	0.27	0.27	4.3	0.0	96.3	2.67	SD,PP
3	14562.0-63.0	0.68	0.67	5.3	0.0	76.5	2.67	SD,V/F,PP
4	14563.0-64.0	3.90	0.88	4.9	0.0	81.0	2.65	SD,V/F,PP
5	14564.0-65.0	0.11	0.05	3.3	0.0	41.2	2.69	SD,PP
6	14565.0-66.0							NOT SUBMITTED
7	14566.0-67.0	0.02	0.02	3.7	0.0	38.1	2.66	SD
8	14567.0-68.0	0.16	0.09	3.4	0.0	40.0	2.66	SD,V/F
	14568.0-70.0							LOST CORE

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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
GUP	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

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.

[illegible] supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions [illegible]

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COMPANY POGO PRODUCING COMPANY — FILE NO 3202-12409

WELL EBR FEDERAL NO. 1 — DATE 6-26-81

FIELD WILDCAT — FORMATION MORROW — ELEV 3601.5'GL 3622.5'KB

COUNTY LEA COUNTY — STATE NEW MEXICO — DRLG FLD SALT POLYMER — CORES

LOCATION 1980' FSL & 660' FWL, SEC. 17, T-22-S, R-33-E

CORRELATION COREGRAPH