

CORE ANALYSIS RESULTS

Company FREEPORT OIL COMPANY Formation DEVONIAN File WP-3-3341
 Well MIDDLE PRIDE NO. 3 Core Type DIAMOND 4" Date Report 9-10-70
 Field HEMI GORETT Drilling Fluid WATER BASE MUD Analysts BOONE
 County LEA State NEW MEX. Elev. 3744' KB Location 2300 ES & 990 FEL SEC 6-T17S-R38E

Lithological Abbreviations

SAND - SD
SHALE - SH
LIME - LM
DOLOMITE - DOL
CHERT - CH
GYPSUM - GYP
ANHYDRITE - ANHY
CONGLOMERATE - CONG
FOSSILIFEROUS - FOSS
SANDY - SDY
SHALY - SHY
LIMY - LIMY
FINE - FN
MEDIUM - MED
COARSE - CSE
CRYSTALLINE - XLN
GRAIN - GRN
GRANULAR - GRNL
BROWN - BRN
GRAY - GT
VUGGY - VGY
FRACTURED - FRAC
LAMINATION - LAM
STYLOLITIC - STY
SLIGHTLY - SL/
VERY - V/
WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

WHOLE-CORE ANALYSIS

1	126.95-96.8	1.3	1.1	2.4	8.4	46.7	DOL, FRAC, SL/VGY
2	96.8-98.2	10	7.4	4.6	7.7	31.4	DOL, VGY
3	98.2-99.9	4.1	3.6	3.7	7.3	41.8	DOL, VGY
4	99.0-01.4	1.2	0.6	2.8	7.3	47.5	DOL, FRAC
5	127.01.4-03.0	<0.1	<0.1	1.8	2.2	58.4	DOL, FRAC
6	03.0-04.5	<0.1	<0.1	0.9	3.5	58.9	DOL, FRAC
7	04.5-06.0	6.9	<0.1	2.2	5.9	57.1	DOL, FRAC
8	06.0-07.7	<0.1	<0.1	2.4	11.1	71.4	DOL, SL/FRAC
9	07.7-09.3	1.5	0.2	2.6	34.1	43.8	DOL, SL/FRAC
10	09.3-11.0	0.3	<0.1	2.8	17.0	72.0	DOL, SL/FRAC
11	11.0-12.2	<0.1	<0.1	1.6	16.0	70.5	DOL
12	12.2-13.3	<0.1	<0.1	3.0	8.0	71.5	DOL
13	13.3-15.0	0.6	0.1	2.5	29.0	54.3	DOL, SL/FRAC

15.0-17.0 LOST CORE

RECEIVED

DEC 21 1970
OIL CONSERVATION COMM.
HOBBBS, N. M.