

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. 1**CORE ANALYSIS RESULTS**

Company ROGER HANKS Formation CISCO File WP-3-3397
 Well ROBIN FEDERAL NO. 1 Core Type DIAMOND 4 3/8" Date Report 4-3-71
 Field WILDCAT Drilling Fluid _____ Analysts DILLARD
 County EDDY State N. MEX. Elev. _____ Location 1980' FN&WL's SEC 26, T20S-R24E

Lithological Abbreviations

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

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

WHOLE-CORE ANALYSIS

	7542.0-52.0						Lime
1	7552.0-53.0	<0.1	<0.1	2.0	0.0	35.3	Lime, frac
2	53.0-54.0	<0.1	<0.1	2.1	0.0	41.4	Lime, sty, frac
3	54.0-55.3	<0.1	<0.1	1.4	0.0	45.5	Lime, sl/frac
4	55.3-56.4	<0.1	<0.1	2.4	5.4	45.9	Lime, sty
5	56.4-57.9	0.3	<0.1	2.7	3.9	29.1	Lime, frac
6	57.9-59.4	<0.1	<0.1	3.2	1.5	66.9	Lime
7	59.4-60.4	<0.1	<0.1	1.0	0.0	53.8	Lime, sty
8	7560.4-61.5	<0.1	<0.1	1.3	0.0	66.7	Lime
	7561.5-76.0						Lime
	7576-7602.0						Drilled
9	7602.0-03.6	<0.1	<0.1	3.2	0.0	36.5	Dolomite, sty, vgy
10	7603.0-05.0	<0.1	<0.1	5.9	0.0	21.7	Dolomite, vert frac, vgy
11	05.0-06.3	0.4	0.1	1.9	0.0	44.1	Dolomite, frac, sty
12	06.3-07.8	3.5	0.5	2.7	0.0	28.3	Dolomite, frac, vgy, sty
13	07.8-09.0	<0.1	<0.1	4.7	0.0	27.5	Dolomite, frac, sty, vgy
14	09.0-10.4	<0.1	<0.1	3.9	1.9	37.0	Dolomite, frac, sty
15	10.4-11.4	0.1	<0.1	2.0	0.0	51.6	Lime, frac, sty, shy
16	11.4-12.7	<0.1	<0.1	1.1	0.0	69.2	Dolomite
17	12.7-14.0	<0.1	<0.1	1.7	0.0	54.5	Dolomite, sty, vgy
18	14.0-15.2	<0.1	<0.1	1.9	0.0	53.2	Dolomite, sty, sl/frac
19	7615.2-16.5	<0.1	<0.1	1.0	0.0	63.9	Dolomite, shy, foss
	7616.5-33.0						Drilled
20	7633.0-35.0	0.8	0.8	2.4	4.5	37.8	Dolomite
	7635.0-40.0						Core left at Well.
21	7640.0-41.6	0.3	0.2	4.6	4.5	16.4	Dolomite
22	41.6-43.1	2845	2580	4.4	2.5	46.8	Dolomite
23	43.1-44.4	5.4	5.4	3.9	3.3	24.1	Dolomite
24	44.4-46.0	3.1	1.9	4.9	2.7	14.7	Dolomite
25	46.0-47.5	903	211	13.6	1.9	39.2	Dolomite
26	47.5-49.2	47	42	13.0	1.5	32.9	Dolomite
27	49.2-51.0	16	12	8.9	1.0	27.8	Dolomite
	7651.0-52.0						Core left at Well.

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 operation, or other results which may be obtained from the use of such report in connection with which such report is used or relied upon.