

CORE ANALYSIS RESULTS

Company READING & BATES, INC. Formation QUEEN File WP-3-3366
 Well READ & JACKSON FEDERAL NO. 1 Core Type DIAMOND 4 3/8" Date Report 12-18-70
 Field WILDCAT Drilling Fluid WATER BASE MUD Analysts NEFF
 County CHAVES State N.M. Elev. 143' KB Location 660 FN & EL SEC 20-T12S-R31E

Lithological Abbreviations

SAND-SD SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CN 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 MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

CONVENTIONAL ANALYSIS

	2587.0-00.5					ANHY
	2600.5-01.0					DOL
1	2601.0-02.0	6.5	15.9	4.4	57.2	SD
2	02.0-03.0	132	18.2	3.3	47.2	SD
3	03.0-04.0	102	21.0	3.8	44.3	SD
4	04.0-05.0	119	21.3	3.8	42.7	SD
5	05.0-06.0	19	17.6	4.5	41.5	SD
6	06.0-07.0	3.6	14.7	14.3	53.8	SD
7	07.0-08.0	<0.1	7.0	10.0	60.0	SD
8	08.0-09.0	2.0	9.7	12.4	37.2	SD
9	09.0-10.0	3.9	12.1	9.9	38.8	SD
10	10.0-11.0	2.3	12.1	12.4	34.7	SD
11	11.0-12.0	0.6	7.1	9.9	46.7	SD
	2612.0-16.0					SD, TITE, NO SHOW
12	16.0-17.0	0.5	9.8	14.3	62.3	SD, SHY
13	17.0-18.0	<0.1	6.6	10.6	59.2	SD, SHY
14	18.0-19.0	0.9	12.9	21.0	63.7	SD, SHY
	2619.0-20.0					SD, SHY, NO SHOW