

PRELIMINARY REPORT

CORE ANALYSIS RESULTS

Company CONOCO, INC. Formation See Below File RP-3-3174
Well Nmalco 11 No. 1 Core Type Sidewall Date Report 12-14-81
Field Chaco Slope Drilling Fluid Gel Chem Analysts GG:DS
County McKinley State N.M. Elev. 6220 KB Location SW,SW Sec.11-20N-12W

Lithological Abbreviations

SAND-SD SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CN GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS	SANDY-SOY SANDY-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			

SIDEWALL ANALYSIS

POINT LOOKOUT FM.

	1132	*	*	*	COAL
	1134	*	*	*	COAL
	1136	*	*	*	COAL
1	1141	18.4	2.2	80.0	SD-L GRY,f grn
2	1149	20.8	1.9	78.8	SD-L GRY,f grn
3	1149	12.6	3.2	77.0	SD-L GRY,f grn
4	1149	7.3	5.5	54.4	SD-L GRY,f grn,flu
5	1158	15.5	0.0	84.5	SD-L GRY,f grn,flu
6	1159	15.0	0.0	86.7	SD-L GRY,f grn

HOSPAN FM.

	2157	*	*	*	SLT-L BRN,mud
7	2159	16.5	0.0	79.4	SD-L GRY,f grn
	2164	*	*	*	Mud
	2166	*	*	*	Mud/SD-L GRY,lam
8	2169	17.9	2.2	91.2	SD-L GRY,f grn,sl/flu
9	2172	19.9	0.0	90.4	SD-WHT,f grn

UPPER GALLUP FM.

10	2273	7.4	5.4	62.2	SD-GRY,f grn
11	2276	20.7	0.0	79.7	SD-WHT,f grn
12	2309	9.3	0.0	75.3	SD-WHT,f grn
13	2337	26.5	0.0	63.4	SD-WHT,f grn
14	2344	22.9	0.0	79.9	SD-WHT,vf grn
15	2346	21.7	2.3	65.4	SD-L GRY,vf grn
16	2347	14.9	0.0	73.2	SD-WHT,vf grn
17	2356	15.1	0.0	81.5	SD-LT GRY,f grn
18	2365	7.3	6.8	28.8	SD-L GRY,f grn
19	2367	9.1	0.0	64.8	SD-L GRY,vf grn

GRANEROS FM.

20	3152	7.9	0.0	59.5	SD-GRY/WHT,f grn,sl/shl
21	3155	15.6	0.0	78.8	SD-L GRY,vf grn
22	3158	15.9	0.0	86.8	SD-L GRY,vf grn
	3164	*	*	*	SD-L GRY,vf grn,fri
	3214	*	*	*	Mud