

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

WILLIAMS PETROLEUM COMPANY
 5068AU TR., 3202 WELL #010 #8

DATE : 11-26-81
 FORMATION : GRAYBURG/SAN ANDRES

FILE NO : 3202-12680
 ANALYSTS : REINHEIMER

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	PERM 90 DEG	HE POR	OIL% PORE	WTR% PORE	GRAIN DEN	DESCRIPTION
148	4608.0-9.0	82.	25.	12.0	22.8	25.7	2.83	DOL SL/ANHY PP FOSS
149	4609.0-10.0	67.	49.	12.2	25.5	23.5	2.86	DOL SL/ANHY VF
150	4610.0-11.0	9.3	2.8	7.6	10.0	38.9	2.83	DOL SL/ANHY VF SHLAM
151	4611.0-12.0	6.3	2.8	6.3	10.5	44.7	2.87	DOL SL/ANHY VF SHLAM
152	4612.0-29.0							DRILLED INTERVAL
CORE NO. 10 4629.0-4689.0 CUT 60' REC 58'								
152	4629.0-30.0	0.40	0.29	1.6	14.1	62.5	2.84	DOL SL/ANHY F PP
153	4630.0-31.0	7.9	3.0	5.1	24.1	37.9	2.84	DOL F STY
154	4631.0-32.0	36.	36.	12.0	13.4	29.7	2.87	DOL SL/ANHY VF SL/V PP OOL STY
155	4632.0-33.0	39.	27.	16.8	11.4	42.2	2.86	DOL SL/ANHY SL/V OOL STY
156	4633.0-34.0	102.	3.1	14.2	12.5	44.2	2.85	DOL SL/ANHY VF V STY
157	4634.0-35.0	37.	37.	21.5	20.0	36.6	2.86	DOL SL/ANHY PP
158	4635.0-36.0	29.	28.	20.8	13.9	39.5	2.84	DOL SL/ANHY PP
159	4636.0-37.0	11.	11.	19.2	32.9	25.6	2.88	DOL SL/ANHY VF
160	4637.0-38.0	29.	15.	21.9	25.6	28.4	2.85	DOL SL/ANHY STY
161	4638.0-39.0	16.		13.2	13.3	31.4	2.78	DOL SL/SHY STY
162	4639.0-40.0	8.0	3.0	9.1	7.9	40.6	2.83	DOL SL/ANHY VF SL/V STY
163	4640.0-41.0	160.	82.	12.6	19.6	27.2	2.84	DOL SL/ANHY VF SL/V STY
164	4641.0-42.0	169.	155.	11.5	12.4	33.4	2.84	DOL SL/ANHY VF SL/V FOSS STY
165	4642.0-43.0	33.		13.3	21.1	55.2	2.84	DOL ANHY VF SL/V STY
166	4643.0-44.0	147.	127.	19.2	20.3	29.7	2.86	DOL SL/ANHY SL/V PP
167	4644.0-45.0	0.69	0.15	6.9	10.7	65.5	2.84	DOL SL/ANHY VF SL/V FOSS STY
168	4645.0-46.0	18.	9.2	9.4	16.0	49.1	2.86	DOL ANHY SL/V OOL
169	4646.0-47.0	107.	99.	9.6	16.3	41.9	2.80	DOL SL/ANHY VF SL/V FOSS OOL
170	4647.0-48.0	41.	31.	11.1	5.6	34.3	2.82	DOL SL/ANHY SL/V OOL
171	4648.0-49.0	30.	17.	10.8	8.9	33.3	2.82	DOL SL/ANHY F OOL
172	4649.0-50.0	5.7	3.2	8.4	10.5	35.0	2.83	DOL SL/ANHY SL/SHY SL/V

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 profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.