

ROTARY ENGINEERS LABORATORIES

CONVENTIONAL (PLUG) CORE ANALYSIS TABULAR DATA

COMPANY Getty Oil Co.	WELL Getty "25" State #1	FIELD East Grammar Ridge	
COUNTY Lea	STATE New Mexico	DATE 10-31-80	ANALYST AMM
FORMATION Morrow	TYPE ANALYSIS CONVENTIONAL (PLUG)		JOB NO. P-6091

REMARKS LITHOLOGICAL ABBREVIATIONS PAGE (2) ELEVATION

SAMPLE NUMBER	DEPTH	GRAIN DENSITY	PLUG PERM M.D.	POROSITY	FLUIDS SW	FLUIDS SO	FLO.	REMARKS
								Core # (1) 12795-12819, Cut and Recovered 24'
	12795-12796							No Analysis (Shale, No Show)
	12796-12797							No Analysis (Shale, Scat. Bedded Sand Stringers, No Show)
	12797-12802.5							No Analysis (Shale, No Show)
	12802.5-12806							No Analysis (Shale with Scattered Sand Stringers, No Show)
	12806-12809.7							No Analysis (Shale, No Show)
1	12809.7-12810.2		1.1	9.4			0	Micaceous, Carbonaceous Sand
2	12810.2-12811		<.1	12.5			0	Micaceous Sand
3	12811-12812.2		<.1	14.7			0	Micaceous Sand; Vertical Fracture
	12812.2-12812.9							No Analysis (Shale, No Show)
4	12812.9-12814		<.1	8.0			0	Micaceous Sand
5	12814-12815		<.1	15.4			0	Micaceous Sand
6	-16		0.2	17.0			0	Micaceous Sand
7	-17		<.1	13.3			0	Micaceous Sand, Shale Partings
8	-18		<.1	12.6			0	Micaceous Sand, Woody, Shale Parting
	12818-12819							No Analysis (Shale with Silicious Stringers 6", No Show)
								Core # (2) 12819-12864', Cut 45' and Recovered 39.5'
	12819-12820							No Analysis (Shale 50% Micaceous Shaly Sand Stringers, No Show)
9	12820-12821		<.1	5.2			0	Micaceous Sand, Thin Shale Partings
10	-22		<.1	9.2			0	Micaceous Sand, Thin Shale Partings
11	-23		<.1	9.0			0	Micaceous Sand, 50% Shale
12	-24		<.1	7.2			0	Micaceous Sand, Thin Shale Partings
13	12824-12825		<.1	7.6			0	Micaceous Sand, Thin Shale Partings
14	-26		<.1	7.0			0	Micaceous Sand, 50% Shale Partings
	12826-12858.5							No Analysis (Shale with Micaceous Sandy Shale Stringers, No Show)
	12858.5-12864							Lost Core
								Core # (3) 12950-13004', Cut 54' and Recovered 52'
	12950-12951.5							No Analysis (Laminated Shale, No Show)
15	12951.5-12952		<.1	9.9			0	Fine Grain Gray Sand, Sli. Micaceous
16	-53		<.1	13.6			0	Fine Grain Gray Sand, Sli. Micaceous
17	-54		0.1	9.3			0	Fine Grain Gray Sand, Sli. Micaceous
18	12954-12955		0.9	8.0			0	50% Gry. Snd, Sili, PPP, 50% Lam. Shl.
19	-56		18.8	11.1			0	Gray Sand, Sili, PPP
20	-57		3.8	8.7			0	Gray Sand, Sili, PPP
21	-58		3.1	7.6			0	Gray Sand, Sili, PPP, Sct. S/P
22	-59		1.4	7.2			0	Gray Sand, Sili, PPP, Sct. S/P
	12959-12964							No Analysis (Laminated Shale, No Show)
	12964-12965.2							No Analysis (Limestone, Sli. Shaly, Sct. S/P, No Show)
23	12965.2-12966		<.1	2.4			0	Shale to Fine Grain Snd, Mica, Sct. S/P
24	-67		<.1	10.9			0	Fine Grain Gr. Snd, Mica, Sct. S/P
25	-68		0.1	16.2			0	Fine Grain Gr. Snd, Mica, Fssl.
26	12968-12969		<.1	13.0			0	Fine Grain Gr. Snd, Micaceous

FEB 17 1981

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>THICKNESS</u>	<u>FORMATION</u>
0	771	771	Surface
771	937	166	Red bed
937	1275	338	Red bed & anhydrite
1275	1630	355	Anhydrite
1630	3566	1936	Anhydrite & salt
3566	3779	213	Anhydrite
3779	3853	74	Anhydrite, lime, & dolomite
3853	4015	162	Anhydrite
4015	6295	2280	Lime & dolomite
6295	6401	106	Lime, dolomite, & sand
6401	6914	513	Lime & sand
6914	7289	375	Lime, shale, & sand
7289	9495	2206	Lime & shale
9495	9602	107	Lime, shale, & sand
9602	9991	389	Lime, & sand
9991	10,303	312	Lime & shale
10,303	10,602	299	Lime & sand
10,602	11,078	476	Lime
11,078	11,095	17	Lime, shale, & sand
11,095	11,106	11	Lime
11,106	11,322	216	Lime & sand
11,322	11,388	66	Lime, sand, & shale
11,388	11,393	5	Shale, lime, & chert
11,393	12,282	889	Shale & lime
12,282	12,368	86	Shale
12,368	12,425	57	Lime, shale, & chert
12,425	12,658	233	Lime & shale
12,658	12,679	21	Lime, shale, & sand
12,679	12,796	117	Lime & shale
12,796	13,170	<u>374</u>	Shale
		TD 13,170	