

PRIMARY ENGINEERS LABORATORY 3
WHOLE CORE ANALYSIS TABULAR DATA

COMPANY Getty Oil Company	WELL Myers (L-M) Unit #243	FIELD Langlie-Mattix
COUNTY Lea	STATE New Mexico	DATE 10-1-80
FORMATION Seven River, Queen	TYPE ANALYSIS Whole Core & Conventional (Plug)	ANALYST AMM
REMARKS LITHOLOGICAL ABBREVIATIONS PAGE (3) ELEVATION		JOB NO. R-6077

SAMPLE NUMBER	DEPTH	RAT- ING	GRAIN DENS- ITY	PORO- SITY	WHOLE CORE PERMEABILITY MAX. 90°		FLUIDS S.W	FLUIDS S.O	FLO.	REMARKS
					Core # (1) 3475-3535', Recovered 37'					
					CONVENTIONAL (PLUG)					
1	3475-3476		2.63	22.9	190.2	Plug	53.5	14.1	100	Sand, Tan to Brown
2	-77		2.63	22.8	161.7	Plug	41.4	12.0	100	Sand, Tan to Brown
	3477-3478		No Analysis (Dolo, Xln, Trace Fluorescence)							
3	-79		2.74	12.8	3.6	Plug	38.8	47.7	100	Sand, Brown, Dolomitic, Sc. S/
4	3479-3480		2.76	16.8	12.7	Plug	37.6	29.9	90	Sand, Brown, Dolomitic, Sc. S/
	3480-3482		No Analysis (Dolo, Xln, Sc. Large S/P, No Show)							
	3482-3483		No Analysis (Dolo, Silty, Shaly, Sc. Bleeding Oil)							
	3483-3485		No Analysis (Dolo, Silty, Sandy, Sc. S/P, No Show)							
	3485-3487.5		No Analysis (Dolo, Xln, Sc. S/P, Trace Dead Oil Fluorescence)							
	3487.5-3489		No Analysis (Shale, Thinly Laminated Shaly Dolo, No Show)							
	3489-3493		No Analysis (Dolo, Xln, Sc. S/P, No Show)							
	3493-3495		No Analysis (Shale, Thinly Laminated Shaly Dolo, No Show)							
	3495-3498		No Analysis (Dolo, Sc. S/P, Fracture, Trace Fluorescence)							
	3498-3499		No Analysis (Dolo, Xln to Shaly, No Show)							
	3499-3501		No Analysis (Dolo, Sc. S/P, Fracture, No Show)							
	3501-3502		No Analysis (Dolo, Anhydritic, Stylolites, Trace Fluorescence)							
	3502-3503		No Analysis (Dolo, Sc. Vugs, Stylolites, Fr, Bleeding Oil)							
					WHOLE CORE					
5	3503-3504	P	2.80	3.3	1.4	0.7	42.6	18.6	100	Dolo, Sc. Vugs, Stylo, Fr.
6	3504-3505	VP	2.81	2.5	0.3	0.2	62.5	18.9	100	Dolo, Sc. Vugs, Stylo, Fr.
7	-06	VP	2.83	1.8	0.6	<.1	58.6	25.4	50	Dolo, Sc. Vugs, Stylo, Fr.
	3506-3508		No Analysis (Dolo, Silty, Shaly, No Show)							
	3508-3509		No Analysis (Shale, Sandy, No Show)							
	3509-3510		No Analysis (Sand, Shaly, No Show)							
					CONVENTIONAL (PLUG)					
8	3510-3511		2.64	12.3	0.4	Plug	61.2	15.3	90	Sand, Tan to Brown
9	-12		2.64	10.0	0.9	Plug	45.3	13.9	100	Sand, Tan-Brown, Sli. Friable
10	-13		2.66	9.7	0.3	Plug	67.4	15.7	Tr.	Sand, Tan-Brown, Sli. Shaly
	3513-3514.4		No Analysis (Sand, Shaly, No Show)							
	3514.4-3520		No Analysis (Dolo, Xln, Sc. S/P, No Show)							
	3520-3522		No Analysis (Dolo, Xln, Sc. S/P, Fracture, Trace Bleeding Oil)							
	3522-3523		No Analysis (Dolo, Sli. Shaly, Sc. S/P, Trace Fluorescence)							
	3523-3525		No Analysis (Shale, Sli. Sandy, Sli. Dolomitic, No Show)							
	3525-3527.6		No Analysis (Dolo, Sc. S/P, No Show)							
	3527.6-3530		No Analysis (Dolo, Xln, Sandy, Sc. S/P, Trace Fluorescence)							
11	-31		2.74	10.8	<.1	Plug	68.4	0.0	0	Sand, Gray
12	-32		2.74	11.9	<.1	Plug	56.4	0.0	0	Sand, Gray
	3532-3535		Not Recovered							

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SAMPLE NUMBER	DEPTH	RATING	GRAIN DENSITY	POROSITY	WHOLE CORE PERMEABILITY MAX. 90°	FLUIDS SW	FLUIDS SO	FLO.	REMARKS
	3535-3535.4				Core # (2) 3535-3595', Cut and Recovered 60'				
	3535.4-3538.5				No Analysis (Black Shale, Sli. Sndy, Sli. Dolo, No Show)				
	3538.5-3540.4				No Analysis (Dolo, Sect. Vugs, Sect. S/P, No Show)				
	3540.4-3543				No Analysis (Shale & Thinly Lam. Shly. Dolo, No Show)				
	3543-3544.2				No Analysis (Dolo, Sect. S/P, No Show)				
	3544.2-3550				No Analysis (Shale & Thinly Lam. Shly Sndy Dolo, No Show)				
					No Analysis (Dolo, Sect. S/P, Sect. Vugs, No Show)				
13	3550-3551	VP	2.85	2.1	<.1	<.1	68.3	18.1	100 Dolo, Sect. S/P, Sect. Vugs
					WHOLE CORE CONVENTIONAL (PLUG)				
	3551-3551.5				No Analysis (Dolo, Sect. S/P, No Show)				
14	-52		2.68	5.7	<.1	Plug	80.0	0.0	0 Gr. Snd, Sect. Lam. S/P
15	-53		2.67	14.6	1.1	Plug	64.7	21.2	75 Gr. Snd, Sect. S/P, Sli. Fri.
16	-53.6		2.66	10.3	1.5	Plug	69.6	9.2	100 Gr. Snd, Sect. S/P
	3553.6-3554				No Analysis (Shale, Sli. Sndy, Dolo, No Show)				
17	3554-3555		2.72	10.8	<.1	Plug	71.5	0.0	0 Gr. Snd, Shaly
18	-56		2.71	9.0	<.1	Plug	45.6	0.0	0 Gr. Snd, Shaly
19	-57		2.68	6.0	<.1	Plug	73.8	0.0	0 Gr. Snd, Shaly
	3557-3560				No Analysis (Dolo, Sect. S/P, No Show)				
	3560-3560.7				No Analysis (Sli, Sli. Sndy, Sli. Dolo, No Show)				
	3560.7-3571				No Analysis (Dolo, Sndy, Shly, Frc, No Show)				
20	3571-3572		2.69	8.8	<.1	Plug	70.8	0.0	0 Gr. Snd, Shaly
21	-73		2.62	7.6	<.1	Plug	40.2	12.6	0 Gr. to Black Snd, Sect. S/P
	3573-3574				No Analysis (Dolo, Sect. Lam. S/P, No Show)				
22	3574-3575		2.73	10.7	<.1	Plug	23.5	0.0	0 Gr. Snd, Shly. Dolo
	3575-3577				No Analysis (Dolo, Silty, Sndy, No Show)				
23	3577-3578		2.71	6.4	<.1	Plug	78.2	0.0	0 Gr. Snd, Sect. Lam. S/P
24	-79		2.69	10.3	<.1	Plug	72.1	0.0	0 Gr. Snd, Sect. Lam. S/P
25	3579-3580		2.71	8.5	<.1	Plug	25.3	0.0	0 Gr. Snd, Sect. Lam. S/P
	3580-3581				No Analysis (Dolo, Silty, Sndy, Shly, No Show)				
26	3581-3582		2.70	12.7	0.1	Plug	28.3	4.5	90 Gr. Snd, Dolo, Sli. Fri.
27	-83		2.69	9.3	0.1	Plug	88.9	8.3	100 Gr. Snd, Sli. Fri.
28	-84		2.65	8.2	0.1	Plug	70.9	18.9	100 Gr. Snd, Sli. Fri.
29	3584-3585		2.68	8.5	0.2	Plug	45.0	13.5	25 Gr. Snd, Sli. Shly, Sli. Dolo
30	-86		2.71	4.5	<.1	Plug	93.2	TR	TR Gr. Snd, Sli. Shly, Sli. Dolo
31	-87		2.71	12.2	<.1	Plug	76.5	7.8	TR Gr. Snd, Sli. Shly, Sli. Dolo
32	-88		2.66	12.1	0.3	Plug	74.4	9.3	50 Tan To Brn. Snd
33	-89		2.65	10.1	0.6	Plug	55.9	24.2	100 Tan To Brn. Snd
34	3489-3490		2.68	9.2	0.2	Plug	70.7	12.5	100 Tan To Gr. Snd, Sect. S/P
35	-91		2.68	9.5	<.1	Plug	66.2	0.0	0 Gr. Snd, Dolo, Sect. Lam. S/P
36	-92		2.63	4.3	<.1	Plug	80.0	0.0	0 Gr. Snd, Dolo, Sect. Lam. S/P
	3592-3595				No Analysis (Dolo, Sect. S/P, No Show)				
					Core # (3) 3595-3637', Cut 42' and Recovered 33'				
37	3595-3596		2.74	6.7	<.1	Plug	63.0	9.0	TR Gr. Snd, Dolo
38	-97		2.71	8.7	<.1	Plug	31.2	6.7	TR Gr. Snd, Dolo
	3597-3599				No Analysis (Gry. Snd, Dolo, Shly, Sect. Lam. S/P, No Show)				
39	3599-3600		2.72	7.8	0.1	Plug	88.7	10.1	50 Gr. Snd, Shly, Sect. Lam. S/P, Snd