

ML 36-28

Well Name ML 36-28
 Latitude 4609533.93
 Longitude 613863.94
 TD ft 2146

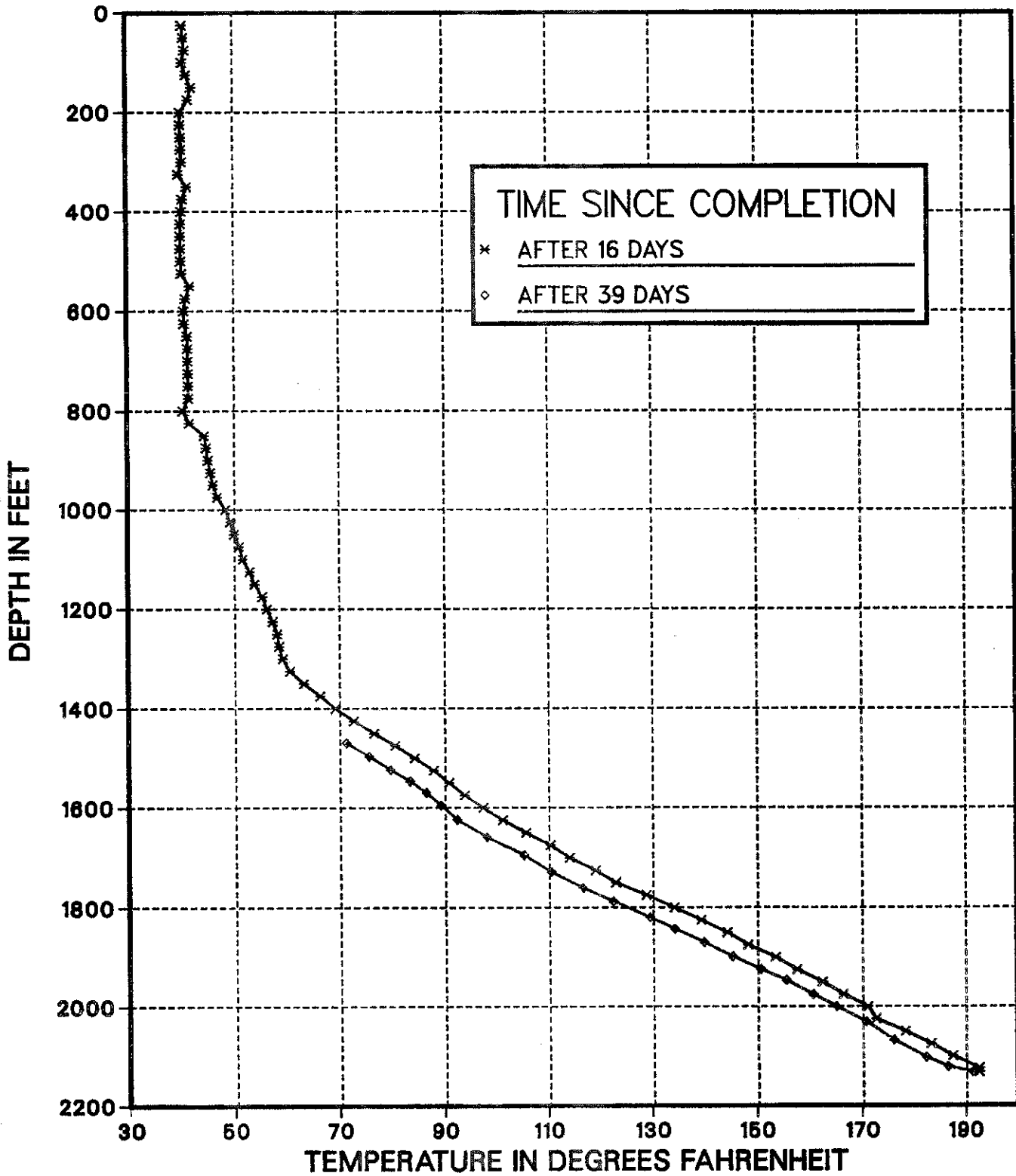
Unocal memorandum
 Daniel L carrier
 1989

depth_ft	Temperature_F	depth_m	Temperature_C
1500	77	457	25
1800	122	549	50
2000	167	610	75
2146	193	654	89

depth (ft)	Temperature (°F)	depth (m)	Temperature (C)
500	70	152	21
750	70	229	21
1000	70	305	21
1400	70	427	21
1500	75	457	24
1600	88	488	31
1700	107	518	42
1800	122	549	50
1900	145	579	63
2000	167	610	75
2146	193	654	89

To Convert	Into	Multiply by
feet	meters	0.304799
Fahrenheit (°F)- 32	Celsius	0.555556

MEDICINE LAKE WELL 36-28 TEMPERATURE VS DEPTH SURVEY 16 or 39 Days Since Completion



PRUETT INDUSTRIES INC
 8915 ROSEDALE HWY, BAKERSFIELD, CA. 93308
 (805) 589-2768

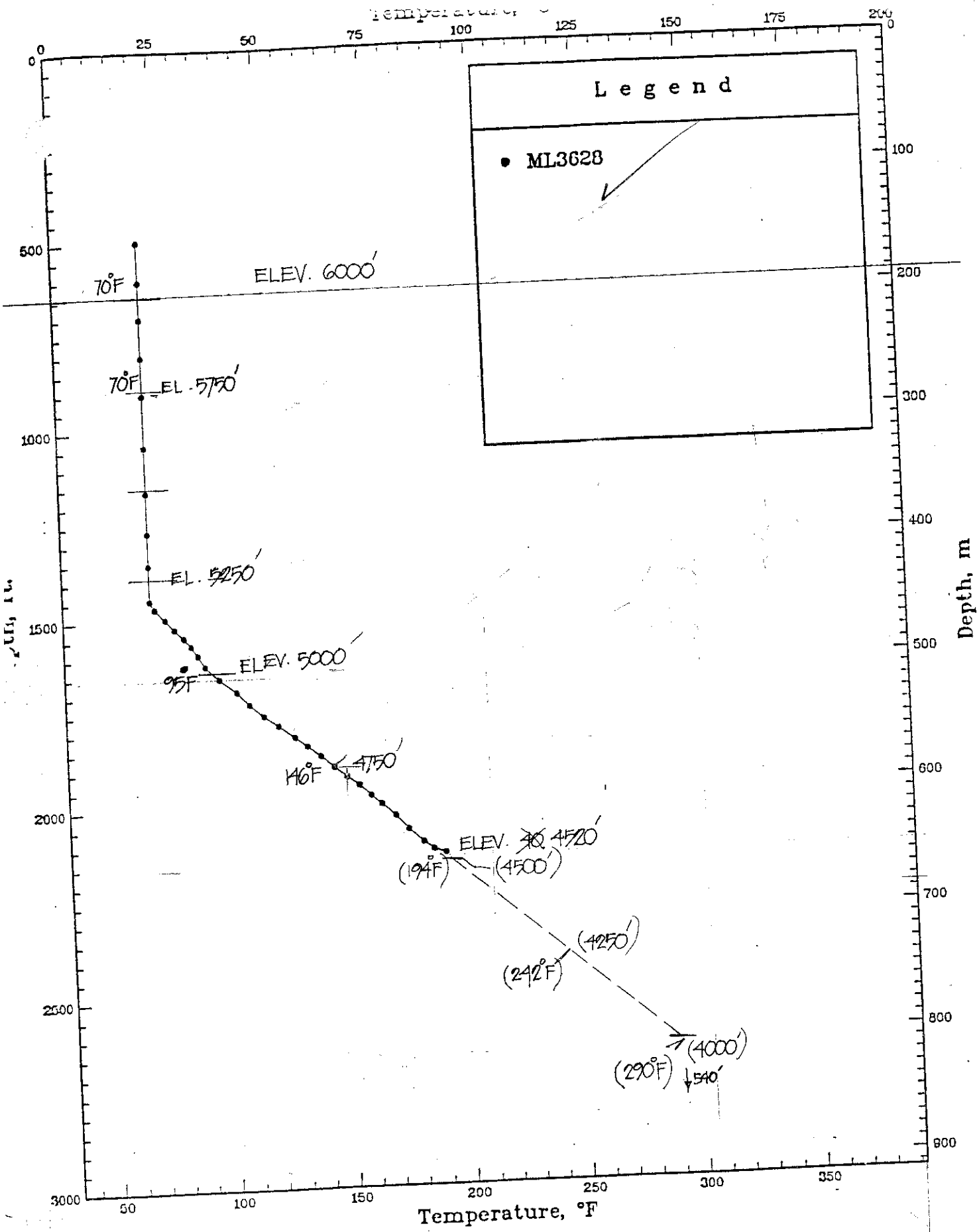
SUB-SURFACE TEMPERATURE SURVEY

CO. PHILLIPS		RUN 01 FIELD MEDICINE LAKE	WELL 36-28
EFF DEPTH		WELL STAT	STATIC
CASING	-	CASING PRESS	ON BOTTOM 11:05
LINER	-	TUBING PRESS	OFF BOTTOM 11:20
DATE	110383	ELEMENT RANGE	69 - 466
ELEVATION		ZONE	SHUT-IN
MAX TEMP		PICK-UP	2135'
PERF	-	CAL SER NO.	31
TUBING 2 1/160	-2140'		
UNITS	ENGLISH	PURPOSE	TEMPERATURE TRAVERSE

SURVEY DATA

CO. PHILLIPS				RUN 01 FIELD MEDICINE LAKE				WELL 36-28			
TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD	TIME	DEPTH	P/T	GRAD
0:15	500	69.7	0.000	1:15	1694	105.6	0.000				
0:20	604	69.7	0.000	1:16	1728	110.8	0.000				
0:25	700	69.6	0.000	1:18	1750	116.9	0.000				
0:30	801	69.6	0.000	1:19	1787	122.7	0.000				
0:35	902	69.7	0.000	1:21	1819	129.8	0.000				
0:42	1040	69.6	0.000	1:22	1842	134.5	0.000				
0:48	1162	69.6	0.000	1:23	1869	140.1	0.000				
0:53	1268	69.6	0.000	1:25	1898	145.6	0.000				
0:58	1354	69.6	0.000	1:26	1924	150.9	0.000				
1:02	1447	69.6	0.000	1:28	1946	155.8	0.000				
1:04	1469	71.6	0.000	1:29	1975	160.9	0.000				
1:05	1496	75.9	0.000	1:30	1999	165.3	0.000				
1:06	1523	80.0	0.000	1:32	2030	170.9	0.000				
1:07	1546	83.7	0.000	1:34	2067	176.3	0.000				
1:08	1569	86.8	0.000	1:35	2102	182.6	0.000				
1:10	1594	89.6	0.000	1:36	2121	186.7	0.000				
1:11	1623	92.7	0.000	1:55	2132	191.5	0.000				
1:13	1658	98.4	0.000	0:00	0	0.0	0.000				

BY THOMPSON/DRIVER



Well Name GMF 36-28 Earth Science Laboratory
 Latitude 4609533.93 University of Utah Research Inst.
 Longitude 613863.94 1988
 TVD ft

depth_ft	mineralogy Clay Fraction XRD				Relative Abundance
	Quartz	Cristobalite	Tridymite	K-Feldspar	Plagioclase
353-401					M
550-600					M
850-900					M
1150-1200					M
1500-1550					M
1900-1950		m	m?	m?	
2100-2150	m	M		M	

depth_ft	mineralogy Clay Fraction XRD				Relative Abundance
	Geothite	Hematite	Ilmenite	Pyrite or Marcasite	Notes
353-401	m				
550-600					
850-900					
1150-1200					
1500-1550	Tr?				
1900-1950					
2100-2150		m?			

depth_ft	mineralogy Clay Fraction XRD				Relative Abundance
	Illite	Smectite	Mixed-Layer Illite-Smec.	Mordenite	Notes
353-401	m	m			
550-600		m			
850-900		m			
1150-1200		m			
1500-1550		M			
1900-1950	m	M	m	M	
2100-2150		m			

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