

Schumberger
SIMULTANEOUS COMPENSATED NEUTRON-FORMATION DENSITY

COMPANY **MAGMA POWER COMPANY**
 WELL **MAGMA U.S. 48-7**
 FIELD **EAST MESA**
 COUNTY **IMPERIAL STATE CALIFORNIA**
 LOCATION **2500' S 01' N OF S W COR**
 OTHER SERVICES **OIL**

PERMANENT DRAIN: **9L** Elev. **30**
 Log Measured From: **KB** Elev. **12** Above Perm. Drain
 Drilling Measured From: **12** Elev. **30**
 Elev. **KA 42**
 Elev. **DF 30**

Date: **6-21-76**
 Depth: **626**
 Depth: **7318**
 Depth: **7524**
 Depth: **7524**
 Top Log Interval: **5254 @ 5264**
 Casing: **5254**
 Casing: **5254**
 Bit Size: **8 1/2**
 Type Fluid in Hole: **F 6 M**
 Density: **1.01**
 Viscosity: **41**
 Filter Loss: **19.0 @ 20' F**
 Rate of Penetration: **2.7 @ 20' F**
 Rate of Meas. Temp.: **2.7 @ 20' F**
 Rate of Meas. Temp.: **2.7 @ 20' F**
 Source: **AMT**
 Rate of BHT: **1.8 @ 20' F**
 Circulation Stopped: **2:30**
 Logger on Bottom: **2:30**
 Max. Hec. Temp.: **204.8**
 Strip Location: **204.8**
 Strip Location: **204.8**
 Witnessed By: **W. H. HANSEN**

The well name, location and borehole reference data were furnished by the customer.

RUN NO.	1574	Type Log	Depth	Down Hole
Service Order No.				
Fluid Level				
Salinity, PPM CL				
Speed - F.P.M.				
EQUIPMENT DATA		REMARKS:		
Dens. Panel	64-520			
Dens. Cart	A-1005			
Dens. Skid	0-1243			
Dens. Sonde	64-157			
Dens. Source	3156			
Dens. Calibrator	672			
Neut. Panel	A-14			
Neut. Cart	A-50			
Neut. Source	1034			
Neut. Calibrator	A-84			
GR Cart	275			
Memorizer Panel	6-183			
Tape Recorder (TTR)	64-823			
Depth Encoder (DRE)	A-109			
Pressure Wheel (CPW)	-			
Centralizers: Type	Row Spacing			
Enter Spring, Standoffs	No.			
In-line, or None	S. O. - Inches			
CALIBRATION DATA		LOGGING DATA		
BKG. CPS	150	CNP	FDC	GR
Source CPS	560	Auto Corr. or Hole Size Setting	Liquid Density	Zero Div. Left
Sens. - Cal	161		Hole Fluid	Scale Per 100 Div.
T. C. - Cal				
Short Spacing - Before Log	312			
Long Spacing - Before Log	348			
Short Spacing - After Log	312			
Long Spacing - After Log	400			
P1 - Before Log	436			
P2 - Before Log	707			
P1 - After Log	436			
P2 - After Log	707			

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

CALIPER	DIAM. IN INCHES	DEPTH
6	16	
GAMMA RAY	API UNITS	
138	300	

POROSITY INDEX %	SS-OH	MATRIX
COMPENSATED FORMATION DENSITY POROSITY		
60	45	30
60	45	30
COMPENSATED NEUTRON POROSITY		
15	15	0

CALIPER	DIAM. IN INCHES	DEPTH
6	16	
GAMMA RAY	API UNITS	
50	300	

CORRECTION	GRAMS CC
Use this scale when correction curve is presented in Track 3	
-.25	0
+.25	
BULK DENSITY	GRAMS CC
165	2.65

