

COMPANY: MAGMA ENERGY INC.
WELL: MAGMA-LA GRANDE #1
FIELD: LA GRANDE AREA
COUNTY: UNION, OREGON
Location: NW 4 of NW 4
Sec: 9, Twp: 45N, Rpm: 39E
Other Services: FDC/CNL-CR, HRT

Permanent Datum: 64, Elev.: 4317
Log Measured From: K8, 12 ft. Above Perm. Datum
Drilling Measured From: K8, 2725
Elev.: K.B. 7329, D.F. 2317, G.I. 2317

Date: 9-23-74
Run No.: 01E
Depth-Driller: 2729
Depth-Logger: 2731
Top Log Interval: 2725
Casing Depth: 1371 @ 711

Bit Size Logger: 7 7/8
Type Fluid in Hole: GEL + CHEM
Fluid Level: SURFACE
Dens.: 8.4, Visc.: 7.0
pH: 6.5, Fluid Loss: 4.8
Source of Samples: FLOWLINE
Rm @ Meas. Temp.: 5.80 @ 60°F
Rm @ Meas. Temp.: 5.88 @ 52°F
Rmc @ Meas. Temp.: 2.50 @ 60°F
Source Rm: Rmc
Rm @ BHT: 1.1 @ C
Rm @ BHT: 1.0 @ 104°F
Time Since Circ.: 1 HRS
Max. Rec. Temp.: 104
Equip. Location: 15033 S.A.C.
Recorded by: KENNEDY
Checked by: OSBORN

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

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES		SCALE CHANGES	
Date	Sample No.	Type Log	
		SP	REPEAT SECTION 10 MV PER DIVISION
		SP	694 15 MV PER DIVISION

Dens.	Visc.	Fluid Loss	ml
Rm @ Meas. Temp.			
Rm @ Meas. Temp.			
Source Rm	Rmc		
Rm @ BHT			
Rm @ BHT			
Rm @ BHT			

EQUIPMENT DATA		REMARKS	
Run No.	ONE	Service Order No.	84153
Panel No.	C 189	API Serial No.	
Cart. No.	B 115		
Sonde No.	D8 17		
Mem. Panel No.	B 411		
G.R. Cart. No.			
G.R. Panel No.			
TTR No.			
Cent. Device	FINS		
Stand off - Inches	1.5		
Time Const - Sec.			
Speed - F.P.M.	100		

CALIBRATION DATA						
CALIBRATION:	BACKGND.	SOURCE	GALV. INCR.	SENS. TAP	SENS. TAP	TIME
	CPS.	CPS.	DIVISION	(FOR CAL.)	(RECORD)	CONST.
GAMMA RAY:						

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 interpretation, 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.

