

GEARHART

CEMENT BOND LOG GAMMA RAY CCL

FILING NO.	COMPANY <u>JAY MAGNESS, INC. & SONS</u>	
	WELL <u>NAVAJO 2 35</u>	
	FIELD <u>MISSISSIPPI TEST</u>	
	COUNTY <u>SAN JUAN</u>	STATE <u>NEW MEXICO</u>
	LOCATION <u>NW 1/4 - SW 1/4</u>	Other Services <u>PERFORATE</u>
	SEC <u>5</u>	TWP <u>26N</u> RGE <u>19W</u>

Permanent Datum <u>GROUND LEVEL</u>	Elev. <u>5993</u>	Elev. K.B. <u>6007</u>
Log Measured from <u>KB</u>	<u>14</u> Ft. Above Permanent Datum	D.F. <u>6006</u>
Drilling Measured from <u>KB</u>		G.L. <u>5993</u>

Date	<u>03-01-85</u>	Type Fluid in Hole	<u>H2O - 10%</u>			
Run No.	<u>ONE</u>	Dens				
Depth-Driller	<u>6525</u>	Max. Rec. Temp.				
Depth-Logger	<u>6160</u>	Est. Cement Top				
Btm. Log Interval	<u>6152</u>	Equip.	<u>6054/7721</u>			
Top Log Interval	<u>3000</u>	Location	<u>WASHINGTON</u>			
Open Hole Size		Recorded By	<u>HILL</u>			
		Witnessed By	<u>MR. JAY MAGNESS</u>			
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String	<u>7"</u>	<u>23#</u>			<u>SURFACE</u>	<u>4084</u>
Prod. String	<u>4 1/2"</u>	<u>10.5#</u>			<u>4084</u>	<u>6525</u>
Liner	<u>4 1/2"</u>				<u>4084</u>	<u>4088</u>

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of Cement				
Type of Cement				
Additive				
Additive by %				
Retarder				
Retarder by %				
Wt. of Slurry				
Water Loss				
Drill. Mud Type				
Drilling Mud Wt.				

BOND EQUIPMENT DATA

Tool No. <u>463</u>	Tool Type <u>COMBO</u>	Tool Size <u>3 - 25"</u>
Centralizer	Type <u>BOWSPRINGS</u>	Size
	No. <u>2</u>	Position <u>TOP & BOTTOM</u>
	Transmitter to Receiver Spacing	Travel Time
	Amplitude	Seismic Spectrum
	<u>3'</u>	<u>3'</u>
	<u>10:00</u>	<u>03-01-85</u>
	<u>12:00</u>	<u>03-01-85</u>

PRIMARY CEMENTING PROCEDURE

Started Pumping Cement	
Plug on Bottom	
Release Pressure	
Finish Cementing Operation	
Start Cement Bond Log	
Finish Cement Bond Log	

GAMMA RAY EQUIPMENT & LOGGING DATA