

GREAT GUNS LOGGING

BORE HOLE COMP. NEUTRON / DENSITY POROSITY LOG

FILE NO. <u>6</u> API NO. CASE NO. <u>9221</u>	COMPANY <u>ZIA ENERGY INCORPORATED</u>				
	WELL <u>BRUNSON NO.4-J</u>				
	FIELD <u>BRUNSON</u>				
	COUNTY <u>LEA</u>		STATE <u>NEW MEXICO</u>		
	LOCATION: <u>2210' FEL & 1650'</u>			Other Services	
	SEC <u>4</u>	TWP <u>22-S</u>	RGE <u>37-E</u>		
Permanent Datum <u>G.L.</u>			Elev. <u>3435'</u>		Elev. <u>3446'</u>
Log Measured from <u>K.B.</u>			<u>11</u> Ft. Above Permanent Datum		KB <u>*</u>
Drilling Measured from <u>K.B.</u>					DF <u>*</u>
					GL <u>3435'</u>
Date	<u>2-14-85</u>				
Run No.	<u>ONE</u>				
Service Order	<u>48797</u>				
Depth—Driller	<u>4200'</u>				
Depth—Logger	<u>4207'</u>				
Bottom Logged Interval	<u>4205'</u>				
Top Logged Interval	<u>SURFACE</u>				
Casing—Driller	<u>8 5/8" @351'</u>		@	@	@
Casing—Logger	<u>344'</u>				
Bit Size	<u>7 7/8"</u>				
Type Fluid in Hole	<u>SALT GEL/STARCH</u>				
Density and Viscosity	<u>10.2</u>	<u>34</u>			
pH and Fluid Loss	<u>7</u>	<u>15 cc</u>	cc	cc	cc
Source of Sample	<u>PIT</u>				
Rm @ Meas. Temp.	<u>.070</u>	@ <u>76 °F</u>	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	<u>.070</u>	@ <u>76 °F</u>	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	<u>*</u>	@ <u>* °F</u>	@ °F	@ °F	@ °F
Source of Rmf and Rmc	<u>M</u>	<u>*</u>			
Rm @ BHT	<u>.05</u>	@ <u>97 °F</u>	@ °F	@ °F	@ °F
Time Since Circ.	<u>5 1/2 HRS.</u>				
Max. Rec. Temp. Deg. F.	<u>97</u>	°F	°F	°F	°F
Equip. No. and Location	<u>L065</u>	<u>S. ANGELO</u>			
Recorded By	<u>D. POULSEN</u>				