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•	LABURATURY WATER ANALYSI	S Report No:	
To: Amoco Production Co.		Date: 3/8/82	
501 Airport Dr.	This report i	s the property of National	
Farmington, NM 87401	Cementers Cor	p. and neither it nor any is to be published or dis-	
Attn: Mr. Dave Schott	closed withou	t first securing the ex- 1 of laboratory management	
	of regular bu of of of of of or con	er, be used in the course siness operations by any cern and employees thereof h report from National	
Submitted By: <u>Dave Schott</u>	Date Received	:_10/2/81	
Well No: Jack Frost B #1E	Depth: 4000' Formation: Gallup		
Location: San Juan County,			
Resistivity	0.42	ohms/m <sup>2</sup> /m	
Temperature	_73.°F		
Specific Gravity(Sp.Gr.)		•	
рН	<u> 6 7</u>	•	
Total Dissolved Solids	15,533	parts per million*	
Calcium (Ca <sup>++</sup> )	326	parts per million	
Magnesium (Mg ++)	2.1	parts per million	
Chlorides (Cl <sup>T</sup> )	_6,229	parts per million	
Carbonates (CO <sub>3</sub> )	C	parts per million	
Bicarbonates $(HCO_3)$	355	parts per million	
Sulfates (SO <sub>4</sub> )	1,606	parts per million	
Iron (Fe <sup>+++</sup> )	present	parts per million	
Potassium (K <sup>+</sup> )	n/6,000 (Estimated)	parts per million	
Sodium (Na <sup>+</sup> )(Difference)	_996	parts per million	
Stability Index (SI)	Not required		
REMARKS: There appears to b	e about 1% KCL in water		
* indicates parts per mill	ion by weight; uncorrecte	d for Specific Gravity	
LABORATORY ANALYST:	Respectfully submitted, National Cementers Corporation		
Clarion Cochran	By: (12)	in A Cochen	

