

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
81-172
PLATE 5

Field Engineering Corporation Grand Junction Operations P.O. Box 1889 Grand Junction CO 81502		KUT	Date 10-29-80 Truck No 1825 Operator Rckha																																																																																																																																
COMPANY USGS HOLE S-1 CLAIM PROPERTY AREA Harlan Lake COUNTY McKinlay STATE N.M. LOCATION SEC 29 TWP 16N RGE 14W MS Permanent Datum GL Elev Log Measured From GL Ft Above Perm Datum Drilling Measured From GL Elev		EQUIPMENT DATA Probe Ser No 251-6L Probe Diam 2" <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="4" style="text-align: center;">NUCLEAR</td></tr> <tr><td>Run No</td><td>1</td><td></td><td></td></tr> <tr><td>Log Type</td><td>KUT</td><td></td><td></td></tr> <tr><td>Detector</td><td>NaI</td><td></td><td></td></tr> <tr><td>Detector Size</td><td>1 1/2 x 12</td><td></td><td></td></tr> <tr><td>Source Type</td><td></td><td></td><td></td></tr> <tr><td>Source Strength</td><td></td><td></td><td></td></tr> <tr><td>Source Spacing</td><td></td><td></td><td></td></tr> <tr><td>Ampl Gain</td><td>16 x 6.5</td><td></td><td></td></tr> <tr><td>Disc Level</td><td></td><td></td><td></td></tr> <tr><td>K Factor</td><td>Digital</td><td></td><td></td></tr> <tr><td>Deadtime</td><td>Analog</td><td></td><td></td></tr> <tr><td>Deadtime</td><td>Digital</td><td></td><td></td></tr> <tr><td>Deadtime</td><td>Analog</td><td></td><td></td></tr> <tr><td>Date Calib</td><td>9-12-80</td><td></td><td></td></tr> <tr><td>Casing Factor</td><td></td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="4" style="text-align: center;">ELECTRICAL</td></tr> <tr><td>Run No</td><td></td><td></td><td></td></tr> <tr><td>Log Type</td><td></td><td></td><td></td></tr> <tr><td>Normal Spacing</td><td></td><td></td><td></td></tr> <tr><td>SP Reference</td><td></td><td></td><td></td></tr> <tr><td>SP Offset</td><td></td><td></td><td></td></tr> <tr><td>Brake Length</td><td></td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="4" style="text-align: center;">CALIPER</td></tr> <tr><td>Run No</td><td></td><td></td><td></td></tr> <tr><td>Device Type</td><td></td><td></td><td></td></tr> <tr><td>Tool Position</td><td></td><td></td><td></td></tr> <tr><td>Minimum Span</td><td></td><td></td><td></td></tr> <tr><td>Maximum Span</td><td></td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="4" style="text-align: center;">OTHER</td></tr> <tr><td>Run No</td><td></td><td></td><td></td></tr> <tr><td>Log Type</td><td></td><td></td><td></td></tr> </table>		NUCLEAR				Run No	1			Log Type	KUT			Detector	NaI			Detector Size	1 1/2 x 12			Source Type				Source Strength				Source Spacing				Ampl Gain	16 x 6.5			Disc Level				K Factor	Digital			Deadtime	Analog			Deadtime	Digital			Deadtime	Analog			Date Calib	9-12-80			Casing Factor				ELECTRICAL				Run No				Log Type				Normal Spacing				SP Reference				SP Offset				Brake Length				CALIPER				Run No				Device Type				Tool Position				Minimum Span				Maximum Span				OTHER				Run No				Log Type			
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Depth Driller 1075 Depth Logger 904 Type Fluid in Hole Mud Salinity ppm pH and Fluid Loss Density lb/gal Fluid Level 15' Source of Sample Rm @ Meas Temp Rmt @ Meas Temp Rmc @ Meas Temp BHT		TIME RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Start</th> <th>Stop</th> <th>Stability</th> </tr> <tr><td> </td><td>1:00</td><td> </td></tr> <tr><td> </td><td>4:00</td><td> </td></tr> <tr><td> </td><td>3 hrs.</td><td> </td></tr> </table>		Start	Stop	Stability		1:00			4:00			3 hrs.																																																																																																																					
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Remarks: For approximate values: Multiply K by .257 to get f Multiply U by 1.803 to get ppm Multiply T by 9.419 to get ppm																																																																																																																																			
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347 1	KUT	904 804	100	5'	50'/in	10 cps/in	2		Repeat																																																																																																																										
2	K	904 505	399	5'	50'/in	5 cps/in	4		Main																																																																																																																										
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Total Footage Logged				599																																																																																																																															

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