

1A-30-045-22105

1-30-045-20650

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit A Sec. 24 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced Ruple #1A and Jensen #1

Elevation 5753 Completion Date 4-26-83 Total Depth 300' Land Type P

Casing Strings, Sizes, Types & Depths 35' of 7" steel casing

If Casing Strings are cemented, show amounts & types used NA

If Cement or Bentonite Plugs have been placed, show depths & amounts used
NA

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 30' . No analysis.

Depths gas encountered: NA

Ground bed depth with type & amount of coke breeze used: 300' T.D.

1200 pounds metallurgical coke breeze

Depths anodes placed: 280', 265', 250', 235', 220', 205, 190', 175'

Depths vent pipes placed: TD to 24" above grade

Vent pipe perforations: 300 to 150'

Remarks: _____

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CORROSION CONTROL CO.

P. O. BOX 179 — PHONE 334-6361
AZTEC, NEW MEXICO 87410

Drilling Log (Attach Hereto). ☐

Completion Date 4-26-83

Well Name <u>Ruple #1-A Jensen #1</u>				Location <u>Southland</u>																																																																																																																			
Type & Size Bit Used <u>6 1/4"</u>								Work Order No.																																																																																																															
Anode Hole Depth <u>303'</u>		Total Drilling Rig Time <u>10 hrs</u>		Total Lbs. Coke Used <u>1200#</u>		Lost Circulation Mat'l Used		No. Sacks Mud Used																																																																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">#1 280</td> <td colspan="2">#2 265</td> <td colspan="2">#3 250</td> <td colspan="2">#4 235</td> <td colspan="2">#5 220</td> <td colspan="2">#6 205</td> <td colspan="2">#7 190</td> <td colspan="2">#8 175</td> <td colspan="2">#9</td> <td colspan="2">#10</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">#1 3.7</td> <td colspan="2">#2 5.2</td> <td colspan="2">#3 4.7</td> <td colspan="2">#4 4.7</td> <td colspan="2">#5 5.1</td> <td colspan="2">#6 5.0</td> <td colspan="2">#7 4.1</td> <td colspan="2">#8 4.1</td> <td colspan="2">#9</td> <td colspan="2">#10</td> </tr> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">#11</td> <td colspan="2">#12</td> <td colspan="2">#13</td> <td colspan="2">#14</td> <td colspan="2">#15</td> <td colspan="2">#16</td> <td colspan="2">#17</td> <td colspan="2">#18</td> <td colspan="2">#19</td> <td colspan="2">#20</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">#11</td> <td colspan="2">#12</td> <td colspan="2">#13</td> <td colspan="2">#14</td> <td colspan="2">#15</td> <td colspan="2">#16</td> <td colspan="2">#17</td> <td colspan="2">#18</td> <td colspan="2">#19</td> <td colspan="2">#20</td> </tr> <tr> <td colspan="4">Total Circuit Resistance</td> <td colspan="4">Volts <u>12.1</u></td> <td colspan="4">Amps <u>18.2</u></td> <td colspan="4">Ohms <u>66</u></td> <td colspan="4">No. 8 C.P. Cable Used <u>2580'</u></td> <td colspan="2">No. 2 C.P. Cable Used</td> </tr> </table>										Anode Depth		#1 280		#2 265		#3 250		#4 235		#5 220		#6 205		#7 190		#8 175		#9		#10		Anode Output (Amps)		#1 3.7		#2 5.2		#3 4.7		#4 4.7		#5 5.1		#6 5.0		#7 4.1		#8 4.1		#9		#10		Anode Depth		#11		#12		#13		#14		#15		#16		#17		#18		#19		#20		Anode Output (Amps)		#11		#12		#13		#14		#15		#16		#17		#18		#19		#20		Total Circuit Resistance				Volts <u>12.1</u>				Amps <u>18.2</u>				Ohms <u>66</u>				No. 8 C.P. Cable Used <u>2580'</u>				No. 2 C.P. Cable Used	
Anode Depth		#1 280		#2 265		#3 250		#4 235		#5 220		#6 205		#7 190		#8 175		#9		#10																																																																																																			
Anode Output (Amps)		#1 3.7		#2 5.2		#3 4.7		#4 4.7		#5 5.1		#6 5.0		#7 4.1		#8 4.1		#9		#10																																																																																																			
Anode Depth		#11		#12		#13		#14		#15		#16		#17		#18		#19		#20																																																																																																			
Anode Output (Amps)		#11		#12		#13		#14		#15		#16		#17		#18		#19		#20																																																																																																			
Total Circuit Resistance				Volts <u>12.1</u>				Amps <u>18.2</u>				Ohms <u>66</u>				No. 8 C.P. Cable Used <u>2580'</u>				No. 2 C.P. Cable Used																																																																																																			

Remarks: Set 35' of 1" casing due to rocks. Water at 30'.
Used 300' of vent pipe.
Insulation O.K.
Ruple #1-A - .886V
Jensen #1 - .742V

All Construction Completed

Cody M. [Signature]
(Signature)

GROUND BED LAYOUT SKETCH

