

30-045-26910

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator Mesa Operating Location: Unit M Sec. 30 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced HAMILTON #3

Elevation _____ Completion Date _____ Total Depth 300 Land Type* _____

Casing, Sizes, Types & Depths _____

If Casing is cemented, show amounts & types used _____

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. _____

Depths gas encountered: _____

Type & amount of coke breeze used: _____

Depths anodes placed: _____

Depths vent pipes placed: _____

Vent pipe perforations: _____

Remarks: See Attached

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.

DRILLING LOG *HAMILTON 3*
Unit M Sec 30, T 32N, R 10W

(NOTE WHERE WATER IS LOCATED)

Cedar Hill Fruitland Basal Coal Gas

RECEIVED

MAR 15 1990

Amarillo Production

Received
Production Administration

MAR 19 1990

SOIL

- 10 *SAND*
- 20 *"*
- 30 *"*
- 40 *"*
- 50 *"*
- 60 *SANDY LOAM*
- 70 *WATER SAND*
- 80 *SANDSTONE*
- 90 *"*
- 100 *"*
- 110 *"*
- 120 *SANDY LOAM*
- 130 *"*
- 140 *SHALE*
- 150 *"*
- 160 *"*
- 170 *"*
- 180 *"*
- 190 *"*
- 200 *SANDSTONE*
- 210 *"*
- 220 *SHALE*
- 230 *SHALE*
- 240 *SHALE*
- 250 *"*
- 260 *"*
- 270 *"*
- 280 *"*
- 290 *"*
- 300 *CLAY*
- 310 *"*
- 320 *"*
- 330 *"*
- 340 *"*
- 350 *"*
- 360 *"*
- 370 *"*
- 380 *"*
- 390 *"*
- 400 *"*
- 410 *"*
- 420 *"*
- 430 *"*
- 440 *"*
- 450 *"*
- 460 *"*
- 470 *"*
- 480 *"*
- 490 *"*
- 500 *"*
- 510 *"*
- 520 *"*

} CASING

(water)

TD

LOCATION Hamilton #3DATE _____ ANode Placement

10	130 <u>1.0</u>	250 <u>2.1</u> ⑥	370	490
15	135 <u>1.1</u>	255 <u>1.18</u>	375	495
20	140 <u>1.16</u>	260 <u>1.15</u>	380	500
25	145 <u>1.2</u>	265 <u>1.17</u> ⑦	385	505
30	150 <u>1.22</u>	270 <u>1.19</u>	390	510
35	155 <u>1.3</u>	275 <u>1.9</u> ⑧	395	
40	160 <u>1.24</u>	280 <u>1.89</u>	400	
45	165 <u>1.19</u>	285 <u>1.6</u> ⑨	405	
50	170 <u>2.0</u>	290 <u>1.54</u>	410	
55	175 <u>2.1</u>	295 <u>1.66</u> ⑩	415	
60 <u>.5</u>	180 <u>1.9</u> ①	300 <u>2.1</u>	420	
65 <u>.5</u>	185 <u>1.8</u>	305	425	
70 <u>.5</u>	190 <u>1.6</u> ②	310	430	
75 <u>.6</u>	195 <u>1.2</u>	315	435	
80 <u>.9</u>	200 <u>.96</u>	320	440	
85 <u>1.0</u>	205 <u>.92</u>	325	445	
90 <u>.9</u>	210 <u>.98</u>	330	450	
95 <u>.9</u>	215 <u>1.0</u>	335	455	
100 <u>1.0</u>	220 <u>1.1</u> ③	340	460	
105 <u>.85</u>	225 <u>1.13</u>	345	465	
110 <u>.90</u>	230 <u>1.14</u> ④	350	470	
115 <u>1.0</u>	235 <u>1.13</u>	355	475	
120 <u>1.13</u>	240 <u>1.12</u> ⑤	360	480	
125 <u>1.0</u>	245 <u>2.1</u>	365	485	

Total Amps 18.2
Total Volts 12.2Total Res. .67

- Coked Readings

#1 = 2.4#2 = 2.1#3 = 2.3#4 = 2.6#5 = 2.6#6 = 3.9#7 = 3.4#8 = 3.8#9 = 3.2#10 = 3.6