

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS IN
NORTHWEST NEW MEXICO

OPERATOR: Williams Production Company LOCATION: H 14 31 4 LEASE NUMBER: SF-078892

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #104 GL/DK 30-039-23530
DUALWELL ROSA #297 30-039-24981

ELEVATION: 6767' GR COMPLETION DATE: 10/20/87 TOTAL DEPTH: 500 ft. LAND TYPE: FED

CASING: 7-5/8" 26.4# K-55 Set @ N/A ft. Casing is not cemented.

CEMENT PLUG--Top:N/A' Bottom: N/A' Used 0 sx. Class "B" (1.18 cu.ft./sk).

WATER DEPTH: 85 ' Water zone thickness not available. WATER DESCRIPTION: Fresh

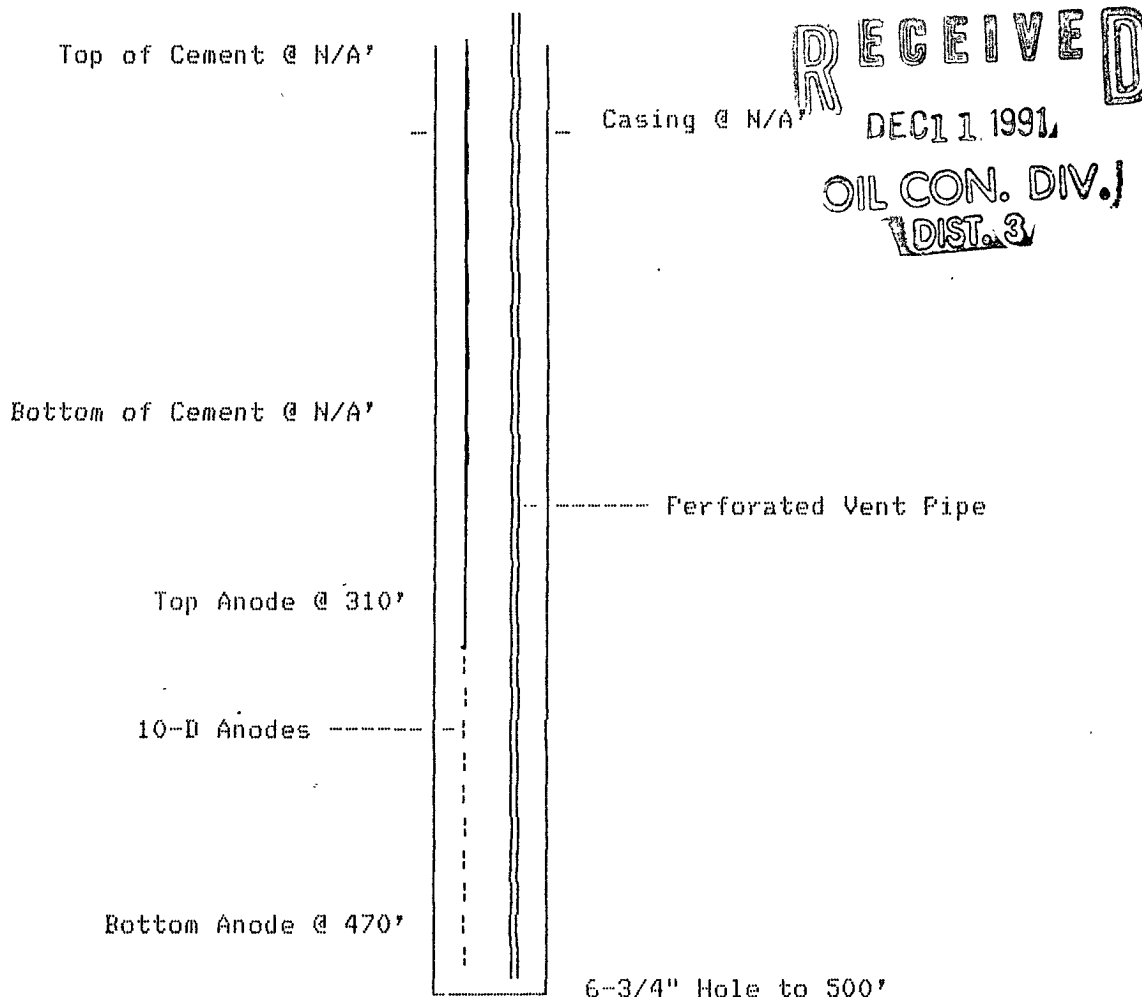
DEPTH OF GAS: N/A '

COKE: 6480 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 310 ft. BOTTOM ANODE @ 470 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 290 ft. to 500 ft.

REMARKS:



LOCATION Rosa #104

DATE 8-11-87

10	130 <u>1.20</u>	250 <u>1.27</u>	370 <u>1.89</u> 8	490 <u>3.93</u>	} Mud
15	135 <u>1.13</u>	255 <u>1.29</u>	375 <u>1.51</u>	495 <u>3.65</u>	
20	140 <u>1.16</u>	260 <u>.81</u>	380 <u>1.42</u>	500	
25	145 <u>1.17</u>	265 <u>.72</u>	385 <u>1.93</u> 7	505	
30	150 <u>.32</u>	270 <u>.92</u>	390 <u>1.63</u>	510	
35	155 <u>.54</u>	275 <u>1.27</u>	395 <u>2.03</u>		
40	160 <u>1.39</u>	280 <u>1.25</u>	400 <u>2.16</u> 6	Total Amps <u>141</u>	
45	165 <u>1.32</u>	285 <u>1.27</u>	405 <u>1.16</u>	Total Volts <u>10.43</u>	
50	170 <u>1.25</u>	290 <u>1.58</u>	410 <u>1.37</u>	Total Res. <u>.73</u>	
55	175 <u>1.30</u>	295 <u>1.52</u>	415 <u>1.20</u>		
60	180 <u>1.23</u>	300 <u>1.42</u>	420 <u>1.58</u> 5		
65	185 <u>.84</u>	305 <u>1.44</u>	425 <u>1.68</u>		
70	190 <u>.90</u>	310 <u>1.64</u> 10	430 <u>1.80</u> 4		
75	195 <u>1.13</u>	315 <u>1.59</u>	435 <u>1.71</u>		
80	200 <u>1.36</u>	320 <u>1.48</u>	440 <u>1.17</u>		
85	205 <u>1.55</u>	325 <u>1.41</u>	445 <u>1.71</u> 3		
90	210 <u>1.31</u>	330 <u>1.35</u>	450 <u>1.88</u>		
95	215 <u>1.19</u>	335 <u>1.28</u>	455 <u>2.00</u> 2		
100 <u>1.34</u>	220 <u>.84</u>	340 <u>.94</u>	460 <u>1.74</u>		
105 <u>1.15</u>	225 <u>1.19</u>	345 <u>1.20</u>	465 <u>1.72</u>		
110 <u>1.28</u>	230 <u>1.26</u>	350 <u>1.35</u>	470 <u>1.65</u> 1		
115 <u>1.32</u>	235 <u>.76</u>	355 <u>1.40</u>	475 <u>1.47</u>		
120 <u>1.38</u>	240 <u>1.17</u>	360 <u>1.60</u> 9	480 <u>1.56</u>		
125 <u>1.29</u>	245 <u>1.34</u>	365 <u>1.81</u>	485 <u>1.47</u>		