

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

OPERATOR: Williams Production Company LOCATION: L 33 31 5 LEASE NUMBER: SF-078773

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #077 MV/DK 30-039-22538
DUALWELL ROSA #259 30-039-24612

ELEVATION: 6531' GR COMPLETION DATE: 09/26/88 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: 100' Water zone thickness not available. WATER DESCRIPTION: Fresh

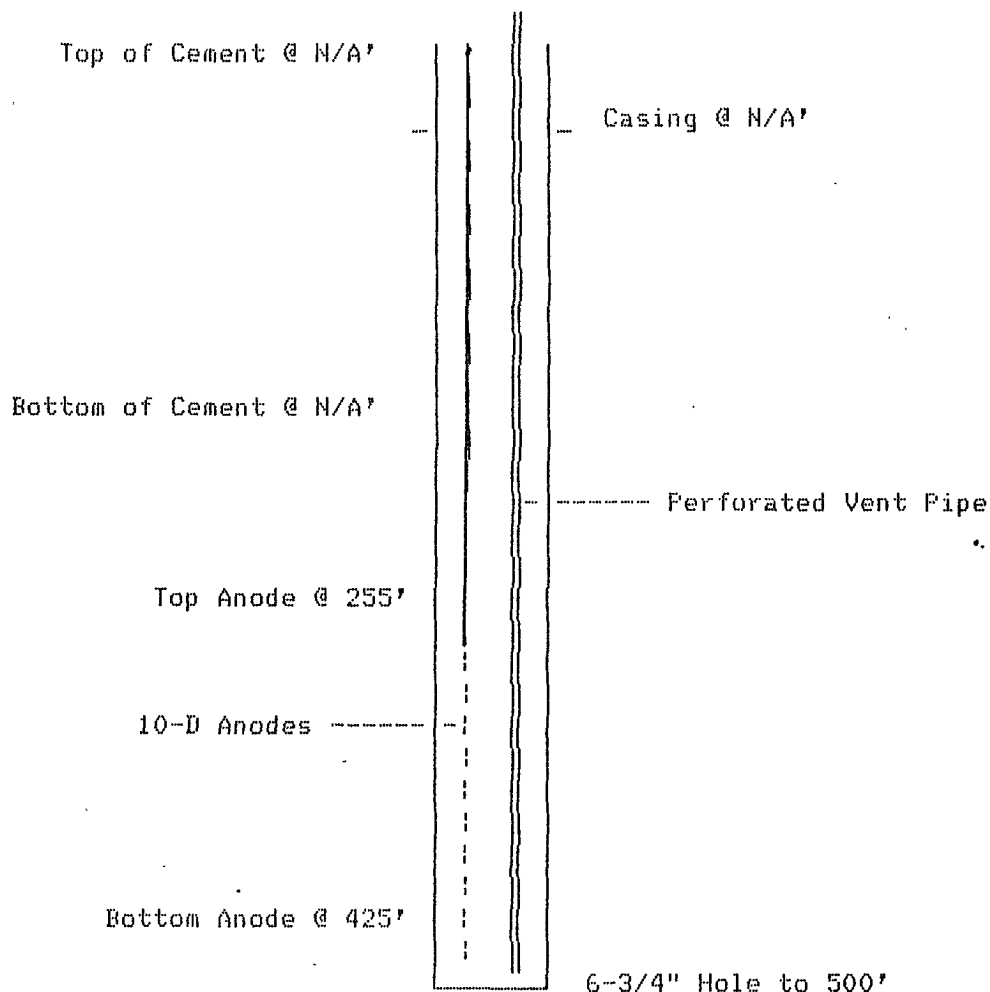
DEPTH OF GAS: N/A'

COKE: 7965 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 255 ft. BOTTOM ANODE @ 425 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 235 ft. to 500 ft.

REMARKS: _____



RECEIVED
JUL 11 1991
OIL CON. DIV.
DIST. 3

DRILLING LOG

Rosa # 77

(NOTE WHERE WATER IS LOCATED)

SOIL

10 Shale
 20 "
 30 Sand rock
 40 "
 50 "
 60 "
 70 "
 80 "
 90 "
 100 " - water
 110 "
 120 "
 130 Shale
 140 "
 150 "
 160 "
 170 "
 180 "
 190 "
 200 Sand rock
 210 "
 220 "
 230 "
 240 Shale
 250 "
 260 "
 270 "
 280 "
 290 "
 300 "
 310 "
 320 "
 330 Sand rock
 340 "
 350 Sandy shale
 360 "
 370 "
 380 "
 390 "
 400 "
 410 Shale
 420 "
 430 "
 440 "
 450 "
 460 "
 470 Sand rock
 480 "
 490 "
 500 "
 510 "
 520 "

LOCA: N. Rosa #77

DATE 9/26/88

10_____	130 <u>7</u>	250 <u>7</u>	370 <u>8-5</u>	490 <u>6</u>
15_____	135 <u>7</u>	255 <u>10-10</u>	375 <u>5</u>	495 <u>5</u>
20_____	140 <u>7</u>	260 <u>9</u>	380 <u>7</u>	500 <u>8</u>
25_____	145 <u>7</u>	265 <u>8-9</u>	385 <u>7</u>	505 <u>7</u>
30_____	150 <u>7</u>	270 <u>6</u>	390 <u>8-4</u>	510 <u>7</u>
35_____	155 <u>8</u>	275 <u>9-8</u>	395 <u>7</u>	
40_____	160 <u>9</u>	280 <u>6</u>	400 <u>1.1</u>	
45_____	165 <u>8</u>	285 <u>6</u>	405 <u>1.2-3</u>	
50_____	170 <u>6</u>	290 <u>7</u>	410 <u>1.3</u>	
55_____	175 <u>6</u>	295 <u>8</u>	415 <u>1.4-2</u>	
60_____	180 <u>5</u>	300 <u>9-7</u>	420 <u>1.4</u>	
65_____	185 <u>8</u>	305 <u>8</u>	425 <u>9-1</u>	
70_____	190 <u>8</u>	310 <u>7</u>	430 <u>8</u>	
75_____	195 <u>8</u>	315 <u>6</u>	435 <u>6</u>	
80_____	200 <u>5</u>	320 <u>6</u>	440 <u>6</u>	
85_____	205 <u>6</u>	325 <u>7</u>	445 <u>5</u>	
90_____	210 <u>7</u>	330 <u>6</u>	450 <u>6</u>	
95_____	215 <u>5</u>	335 <u>4</u>	455 <u>6</u>	
under 100 <u>7</u>	220 <u>6</u>	340 <u>4</u>	460 <u>5</u>	
105 <u>7</u>	225 <u>7</u>	345 <u>5</u>	465 <u>4</u>	
110 <u>8</u>	230 <u>7</u>	350 <u>5</u>	470 <u>6</u>	
115 <u>8</u>	235 <u>7</u>	355 <u>4</u>	475 <u>6</u>	
120 <u>8</u>	240 <u>7</u>	360 <u>5</u>	480 <u>4</u>	
125 <u>8</u>	245 <u>6</u>	365 <u>9-6</u>	485 <u>1.3</u>	

Total Amps 9.4
Total Volts 11.3

Total Res. 1.2

- 1) 1.2
- 2) 2.2
- 3) 2.3
- 4) 2.4
- 5) 2.3
- 6) 1.9
- 7) 2.4
- 8) 2.9
- 9) 3.1
- 10) 3.5

(+) = 421'
(-) = 1310'