

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

OPERATOR: Williams Production Company. LOCATION: N 25 31 6 LEASE NUMBER: SF-078766.

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #059 GL/DK 30-039-23270
DUALWELL ROSA #218 30-039-24497

ELEVATION: 6400' GR COMPLETION DATE: 10/13/88 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

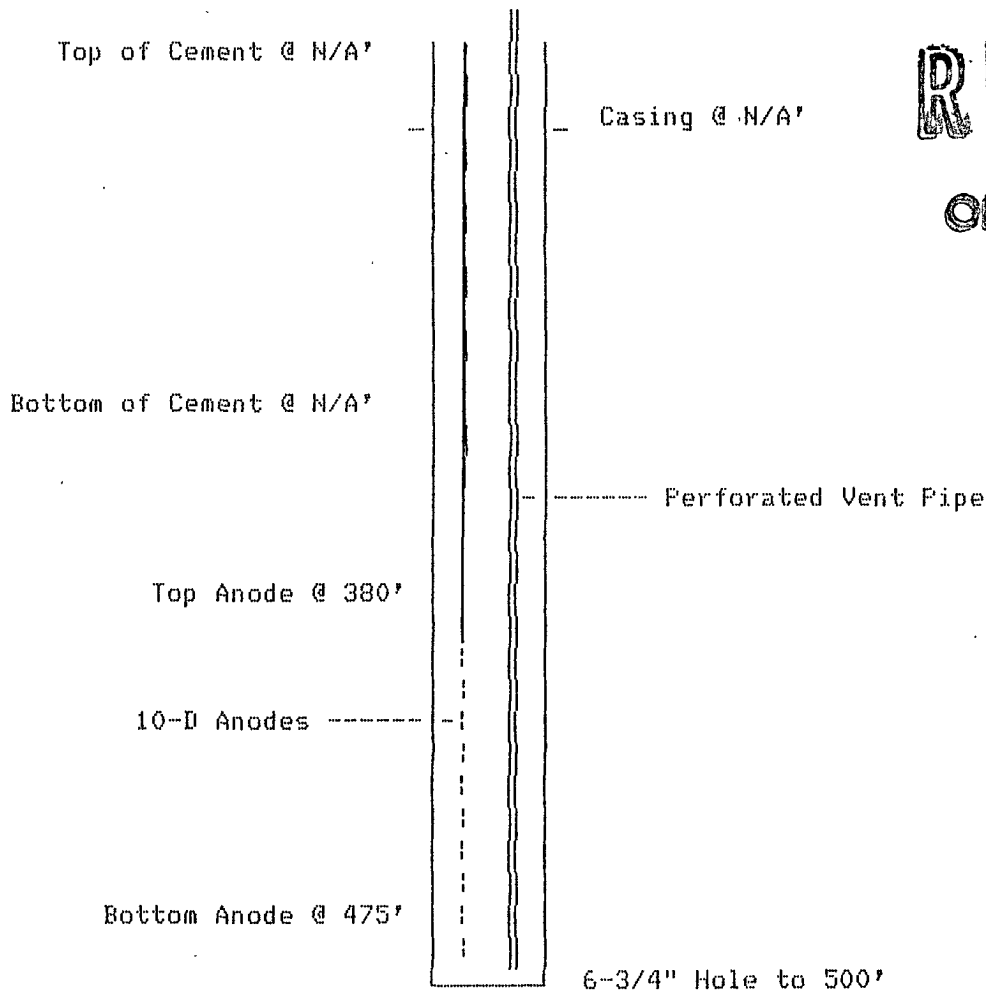
DEPTH OF GAS: N/A'

COKE: 4590 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 380 ft. BOTTOM ANODE @ 475 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 360 ft. to 500 ft.

REMARKS: _____



RECEIVED
DEC 11, 1991
OIL CON. DIV.
DIST. 3

DRILLING LOG

SOIL

ROSA #59

(NOTE WHERE WATER IS LOCATED)

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

DATE

10/13/88

10	130 .8	250 .1	370 .1.0	490 .9
15	135 .6	255 .8	375 .1.3	495 .8
20	140 .6	260 .5	380 2.0 - 10	500 .1.0
25	145 .6	265 .6	385 .1.8	505
30	150 .7	270 .8	390 .1.2 - 9	510
35	155 .7	275 .1.0	395 .1.6	
40	160 .8	280 .1.1	400 .1.4	
45	165 .7	285 .1.2	405 .1.1	
50	170 .7	290 .5	410 .1.3	
55	175 .7	295 .7	415 .1.8 - 7	
60	180 .8	300 .8	420 2.5	
65	185 .8	305 .9	425 2.7 - 6	
70	190 .7	310 .1.0	430 2.5	
75	195 .7	315 .6	435 2.4 - 5	
80	200 .9	320 .9	440 2.2	
85	205 .6	325 .9	445 2.4 - 4	
90	210 .8	330 .1.2	450 2.1	
95	215 .8	335 .1.9	455 2.3 - 3	
Water 100 .7	220 .8	340 .1.6	460 2.4	
105 .7	225 .5	345 .1.4	465 2.2 - 2	
110 .8	230 .6	350 .1.2	470 2.3	
115 .6	235 .4	355 .1.0	475 2.4 - 1	
120 .8	240 .6	360 .1.1	480 .1.0	
125 .7	245 .7	365 .1.0	485 .9	

Total Amps 12.9
Total Volts 10.8

Total Res. .83 n

- 1) 2.7
- 2) 3.1
- 3) 3.1
- 4) 2.8
- 5) 2.9
- 6) 3.2
- 7) 2.1
- 8) 1.4
- 9) 1.2
- 10) 2.6