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

OPERATOR: Williams Production Company LOCATION: N 13 31 5 LEASE NUMBER: SF-078762

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #061 DK 30-039-21396
DUALWELL N/A

ELEVATION: 6527' GR COMPLETION DATE: 11/21/87 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: 60 ' Water zone thickness not available. WATER DESCRIPTION: Fresh

DEPTH OF GAS: N/A '

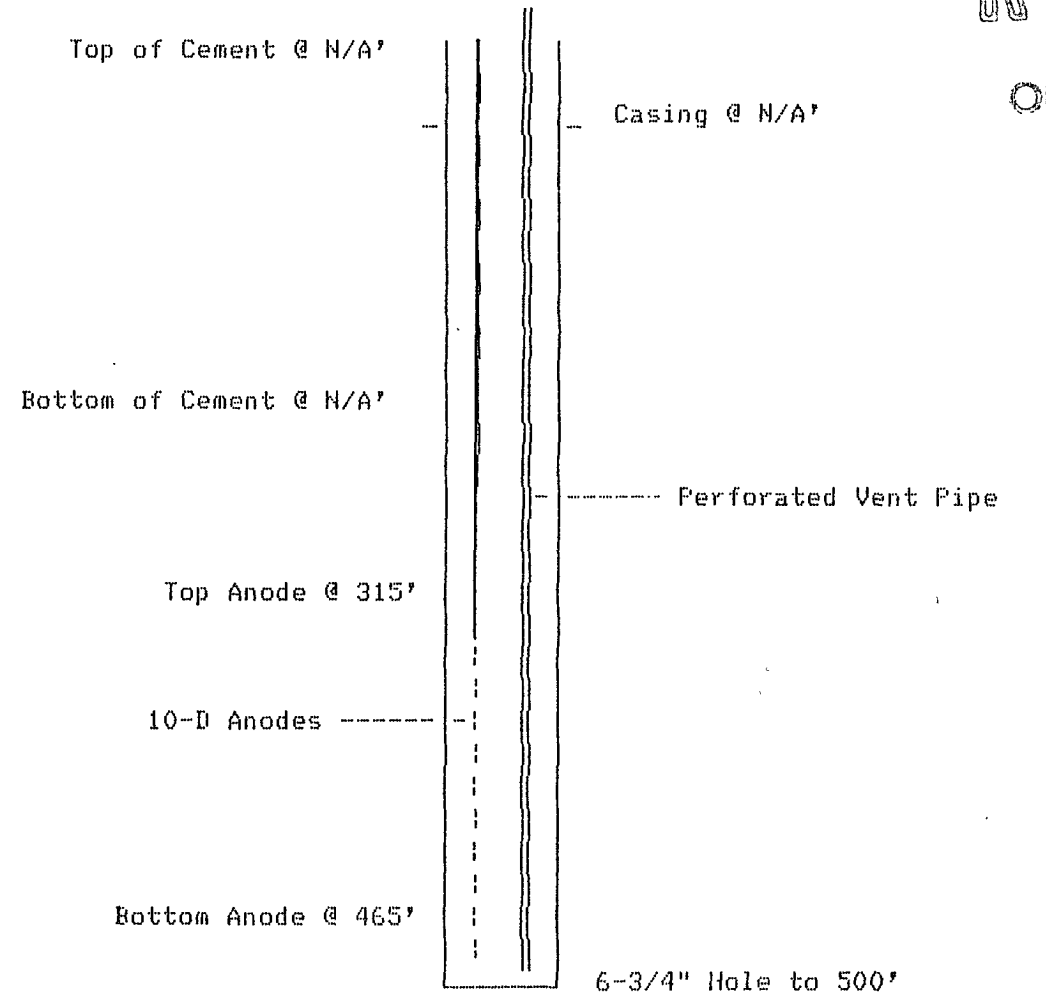
COKE: 6345 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 315 ft. BOTTOM ANODE @ 465 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 295 ft. to 500 ft.

REMARKS:

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



DRILLING LOG

(NOTE WHERE WATER IS LOCATED)

Rosa #61

SOIL	
0	Clay
20	"
30	Clay/shale
40	"
50	Sandrock/shale
60	" — water
70	Shale
80	"
90	"
00	"
10	"
20	"
30	"
40	"
50	"
60	"
70	"
80	"
90	Sandrock
00	"
10	Sandrock/shale
20	Shale
30	"
40	"
50	"
60	"
70	"
80	"
90	"
00	Sandrock
10	"
20	"
30	"
40	Shale
50	"
60	"
70	"
80	"
90	"
00	"
10	"
20	"
30	"
40	"
50	"
60	"
70	"
80	"
90	"
00	"
10	"
20	"

LOCATION Rosa Unit #61

DATE Aug. 14th, 1987

10_____	130 1.03	250 .85	370 .92	490 .81
15_____	135 .94	255 1.03	375 .97 #8	495 .87
20_____	140 .75	260 .68	380 .79	500_____
25_____	145 .74	265 .75	385 .69	505_____
30_____	150 .98	270 .74	390 .93 #7	510_____
35_____	155 .99	275 .75	395 .87	
40_____	160 .72	280 .74	400 .84	Total Amps 10.9
45_____	165 .86	285 .82	405 .95	Total Volts 10.4
50_____	170 .64	290 .97	410 .95 #6	Total Res. .95
55_____	175 .61	295 .87	415 .93	
60 1.00 wasted	180 .52	300 .95	420 .93	
65 .86	185 .55	305 .76	425 .99 #5	
70 .79	190 .56	310 .96	430 .81	
75 .86	195 .98	315 1.01 #10	435 .96 #4	
80 .90	200 1.02	320 .91	440 1.06	
85 1.15	205 .89	325 .96	445 1.05 #3	
90 .99	210 .97	330 .86	450 1.04	
95 .90	215 .95	335 .80	455 1.28 #2	
100 1.02	220 1.01	340 .82	460 1.32	
105 1.27	225 .88	345 .87	465 1.29 #1	
110 1.19	230 .76	350 .76	470 1.15	
115 1.08	235 1.01	355 .95 #9	475 .94	
120 1.02	240 1.02	360 .83	480 .92	
125 .99	245 .86	365 .95	485 .90	