

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

OPERATOR: Williams Production Company LOCATION: K 5 31 6 LEASE NUMBER: SF-078765

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #035X MV
DUALWELL N/A

30-045-10996

ELEVATION: 6325' GR COMPLETION DATE: 12/16/85 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: 180' Water zone thickness not available. WATER DESCRIPTION: Fresh

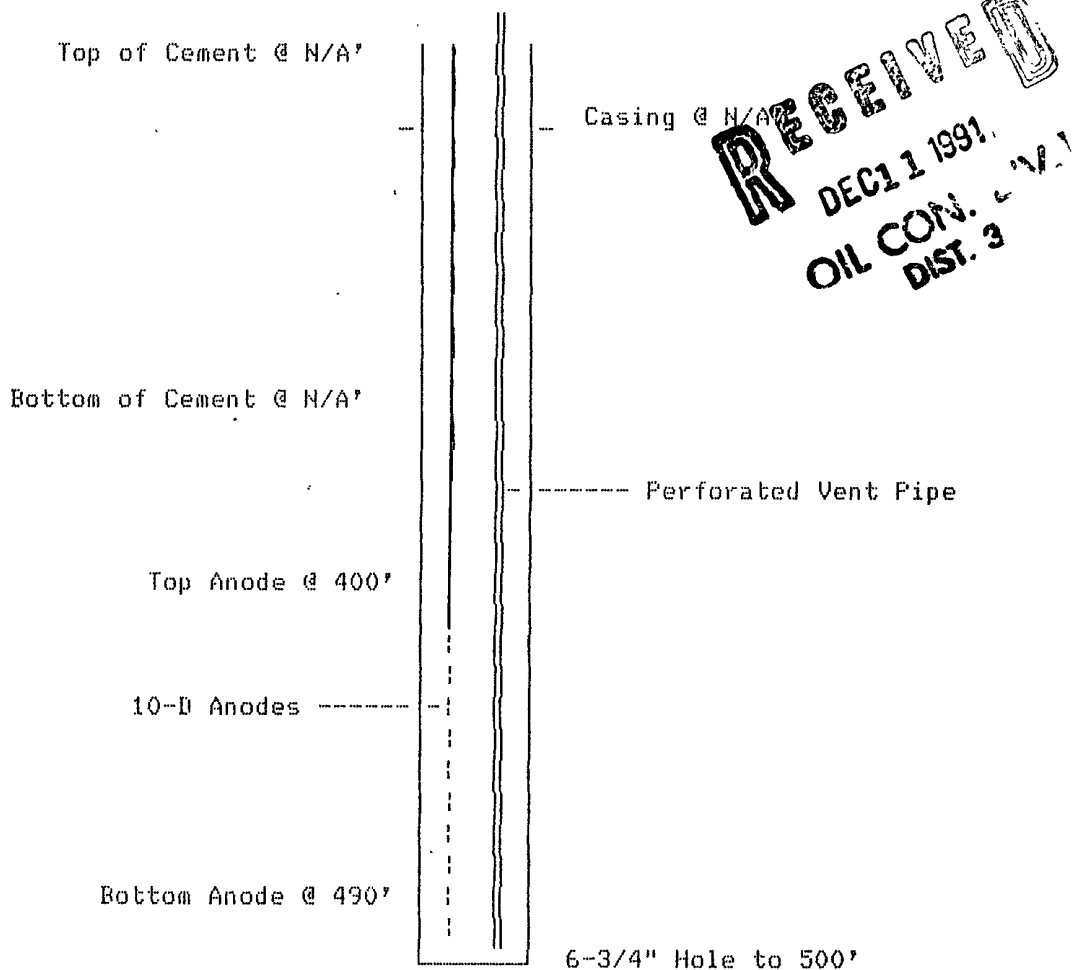
DEPTH OF GAS: N/A '

COKE: 4050 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 400 ft. BOTTOM ANODE @ 490 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 380 ft. to 500 ft.

REMARKS: _____



WELL TYPE GROUND BED DATA

DATA SHEET NO. _____ Sheet 1 of 2

COMPANY NWP JOB No. 85-504 DATE 12-16-85
 WELL ROSA UNIT 35X PIPELINE _____
 LOCATION: SEC. 5 TWP. 31N RGE. 6W CO. SAN JUAN STATE NM
 ELEV. _____ FT. ROTARY 500 FT. CABLE TOOL 0 FT. CASING 0 F
 GROUND BED: DEPTH 500 FT. DIA. 63 1/4 IN. GAS 6400 LBS. ANODES 10 type D

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	DEPTH TOP OF ANODES	
		E	I	R			NO.	FT.
200	First Water @ 180'		.2					
5			.1					
10			.2					
15			.1					
20			.2					
25			.2					
30			.2					
35			.2					
40			.2					
45			.1					
50			.3					
55			.4					
60			.1					
65			.3					
70			.4					
75			.3					
80			.2					
85			.2					
90			.4					
95			.2					
300			.1					
5			.2					
10			.2					
15			.2					
20			.1					
25			.1					
30			.1					
35			.1					
40			.2					
45			.1					
50			.1					
55			.1					
60			.3					
65			.8					
70			.9					
75			1.2					
80			1.1					
85			0.7					
90			0.8					
95			1.1					
400			1.3		1.4	3.0	10	400
5			1.3					
10			1.3		1.4	3.0	9	410

GROUND BED RESISTANCE: (1) VOLTS _____ + AMPS _____ = _____ OHMS

(2) VIBROGROUND _____ OHMS

WELL TYPE GROUNDBED DATA

DATA SHEET NO. _____ Sheet 2 of 2

COMPANY NWP JOB No. 85-504 DATE, 12-16-85
WELL: ROSA UNIT 351 PIPELINE: _____
LOCATION: SEC. 5 TWP. 31N RGE. 6W CO. SAN JUAN STATE NM
ELEV. _____ FT: ROTARY 500 FT: CABLE TOOL 0 FT: CASING 0 F
GROUNDBED: DEPTH 500 FT. DIA. 63/4 IN. GAS 6400 LBS. ANODES 10 Type D

[illegible]

GROUNDING RESISTANCE: (1) VOLTS _____ + AMPS _____ = _____ OHMS

(2) VIRROGROUND _____ OHMS