

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

OPERATOR: Williams Production Company LOCATION: I 30 31 5 LEASE NUMBER: SF-078764

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #102 GL/DK
DUALWELL N/A

30-039-23359

ELEVATION: 6415' GR COMPLETION DATE: 10/26/85 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: 190' Water zone thickness not available. WATER DESCRIPTION: Fresh

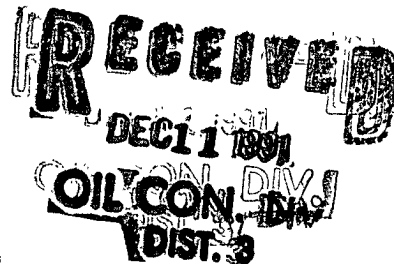
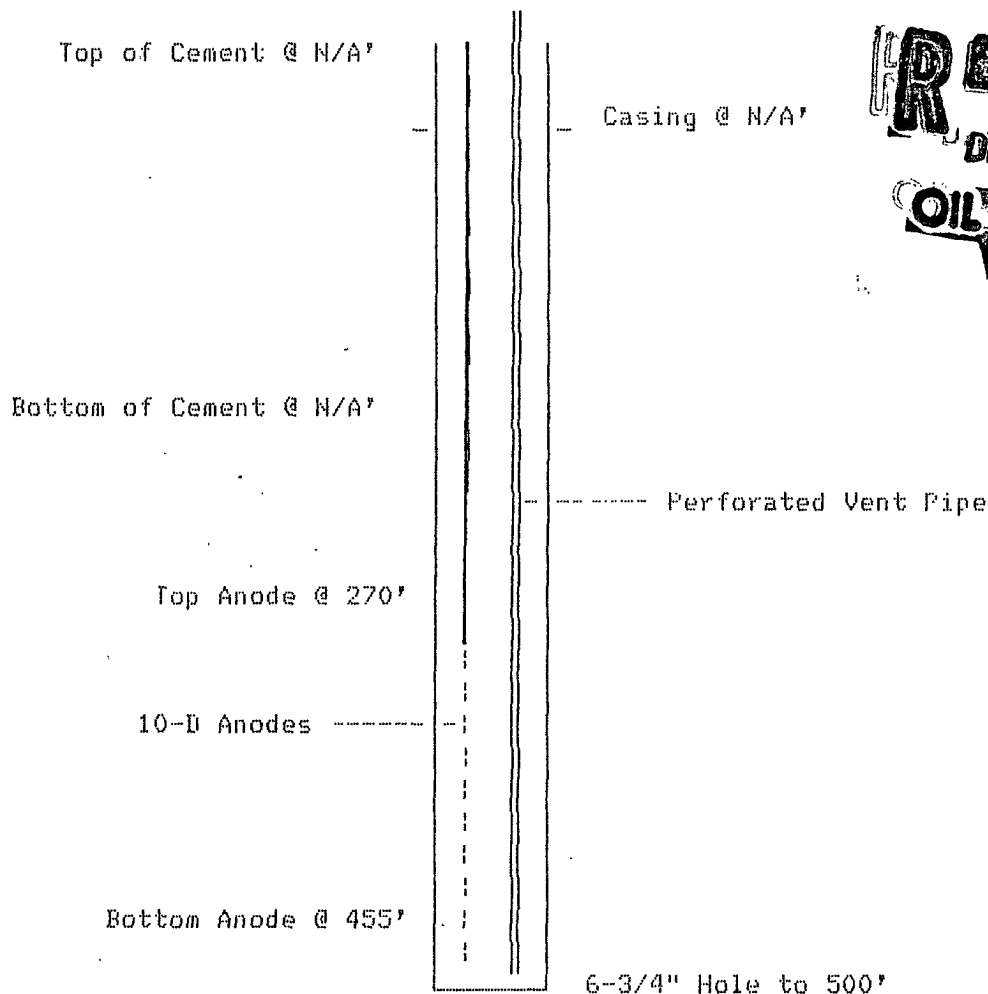
DEPTH OF GAS: N/A'

COKE: 7560 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 270 ft. BOTTOM ANODE @ 455 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 250 ft. to 500 ft.

REMARKS: _____



WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

10F2

COMPANY Northwest Pipeline Corp. JOB No. 85-504 DATE: 10-26-85
 WELL: Pasa Unit #102 PIPELINE: _____
 LOCATION: SEC. 30 TWP. 31N RGE. 5W CO. Pio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY 500' FT: CABLE TOOL 0 FT: CASING 0 F
 GROUND BED: DEPTH 500' FT. DIA. 6 3/4 IN. GAB 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.
2.00			1.4					
5			1.4					
10			1.5					
15			1.5					
20			1.2					
25			1.3					
30			1.3					
35			1.2					
40			1.2					
45			1.3					
50			1.3					
55			1.2					
60			1.1					
65			1.1					
70			1.0		1.1		10	270
75			.9					
80			.9					
85			.9					
90			1.0		1.3		9	290
95			.9					
300			.7					
5			.7					
10			.7					
15			1.0					
20			1.0		1.2		8	320
25			.8					
30			.8					
35			1.2					
40			1.1					
45			1.2		1.8		7	345
50			1.2					
55			1.0					
60			1.1		1.7		6	360
65			1.2					
70			1.1					
75			1.2		1.6		5	375
80			1.1					
85			1.1					
90			1.1		1.2		4	390
95			.6					
400			.3					
5			.5					
10			.7					

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

(2) VIBROGROUND _____ OHMS

WELL TYPE GROUNDBED DATA

DATA SHEET NO. _____

20F2

COMPANY Northwest Pipeline Corp. JOB No. 85-50A DATE: 10-26-85

WELL: Rosa Unit #102 PIPELINE: _____

LOCATION: SEC. 30 TWP. 31N RGE. 5W CO. Rio Arriba STATE New Mexico

ELEV. _____ FT: ROTARY 500' FT: CABLE TOOL 0 FT: CASING 0 F

GROUND BED: DEPTH 500' FT. DIA. 6 3/4 IN. GAS 6400 LBS. ANODES 10 Type D

[illegible]

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

(2) VIBROGROUND _____ OHMS