

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

OPERATOR: Williams Production Company LOCATION: D 10 31 5 LEASE NUMBER: SF-078763

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #070 DK
DUALWELL N/A

30-039-82252

ELEVATION: 6518' GR COMPLETION DATE: 10/28/85 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: 200' Water zone thickness not available. WATER DESCRIPTION: Fresh

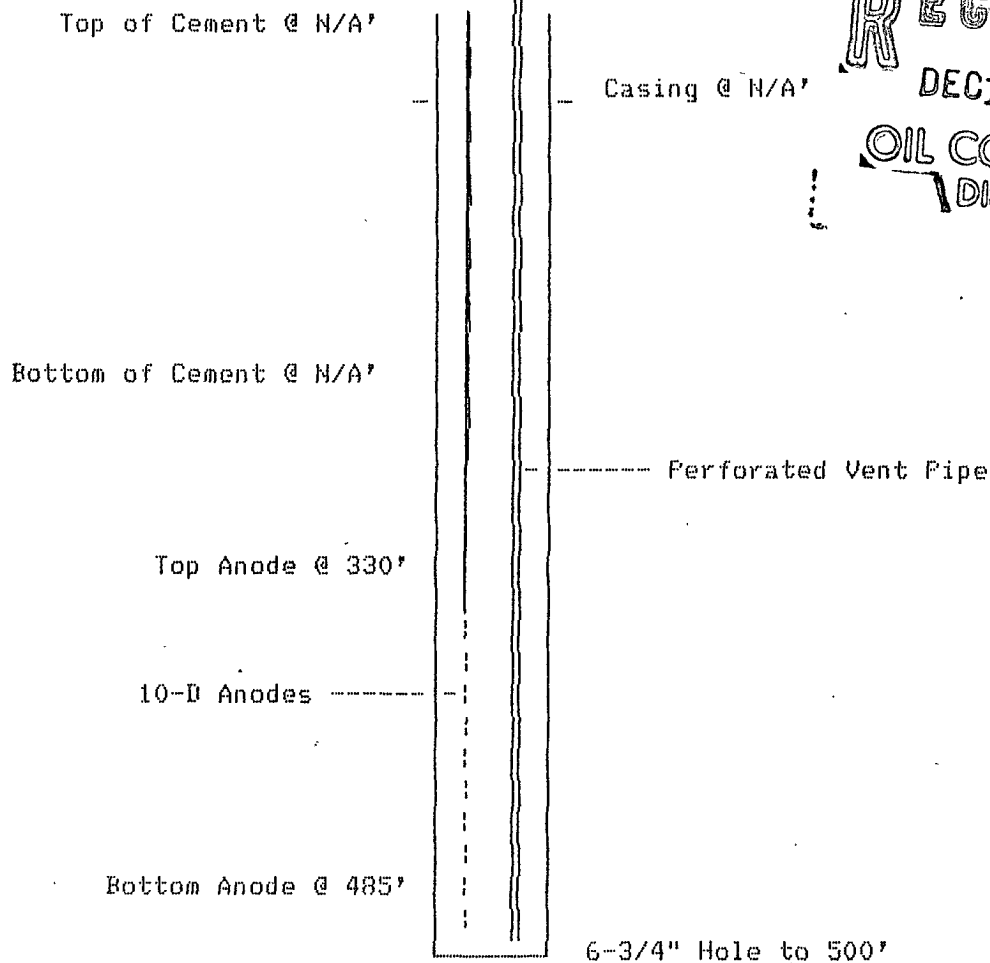
DEPTH OF GAS: N/A '

COKE: 5940 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 330 ft. BOTTOM ANODE @ 485 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 310 ft. to 500 ft.

REMARKS: _____



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WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

10FZ

COMPANY Northwest Pipeline JOB No. 85-504 DATE: 10-28-85
 WELL: Rosa Unit # 70 PIPELINE: _____
 LOCATION: SEC. 10 TWP. 31N RGE. 5W CO. Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY 500' FT: CABLE TOOL 0' FT: CASING 0'
 GROUND BED: DEPTH 500' FT. DIA. 6 3/4 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	WATER		0.8					
5			0.9					
10			0.7					
15			0.7					
20			0.9					
25			0.8					
30			0.9					
35			0.9					
40			0.8					
45			0.9					
50			0.8					
55			0.8					
60			0.9					
65			0.7					
70			0.6					
75			0.6					
80			0.6					
85			0.6					
90			0.6					
95			0.6					
300			0.6					
5			0.6					
10			0.8					
15			0.8					
20			0.7					
25			0.7					
30			0.9		1.1		10	330
35			0.9					
40			0.8					
45			0.8					
50			0.8		1.0		9	350
55			0.8					
60			0.8					
65			0.8					
70			0.9		1.0		8	370
75			0.8					
80			0.7					
85			0.7					
90			0.8					
95			0.9		1.1		7	395
400			0.9					
5			0.8		1.0		6	405
10			0.9					

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

(2) VIBROGROUND _____ OHMS

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

2 OF 2

COMPANY Interwest Pipeline JOB No. 85-504 DATE: 10-28-85

WELL: Unit #70 PIPELINE: _____

LOCATION: SEC. 10 TWP. 30N RGE. 5W CO. Rio Arriba STATE New Mexico

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

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