

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

OPERATOR: Williams Production Company LOCATION: A 29 31 5 LEASE NUMBER: SF-078764

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #064 DK
DUALWELL N/A

30-039-21703

ELEVATION: 6397' GR COMPLETION DATE: 08/21/86 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: 250' Water zone thickness not available. WATER DESCRIPTION: Fresh

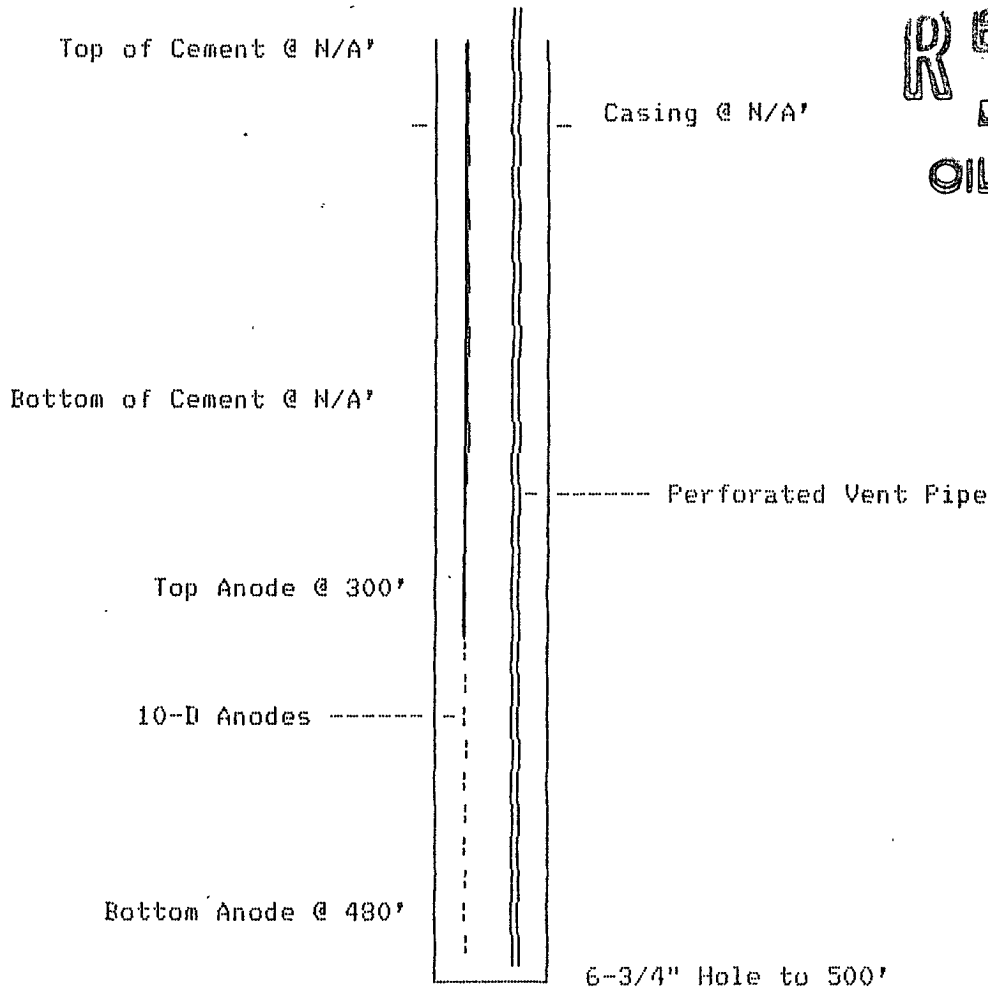
DEPTH OF GAS: N/A'

COKE: 6750 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 300 ft. BOTTOM ANODE @ 480 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 280 ft. to 500 ft.

REMARKS: _____



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WELL TYPE GROUND BED DATA

10F2

DATA SHEET NO. _____

COMPANY Northwest Pipeline JOB No. 85-504 DATE: 10-27-85
 WELL: Rosa Unit #64 PIPELINE: _____
 LOCATION: SEC. 29 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. 8" IN. GAS _____ 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	R	R	NO.	FT.
200			.4					
5			.5					
10			.5					
15			.6					
20			.6					
25			.6					
30			.5					
35			.6					
40			.6					
45			.5					
50			.5					
55			.5					
60			.5					
65			.4					
70			.4					
75			.4					
80			.4					
85			.4					
90			.4					
95			.4					
300			.5		0.5		16	300
5			.5					
10			.4					
15			.4					
20			.4					
25			.4					
30			.5					
35			.7		0.8		9	335
40			.5					
45			.5					
50			.6					
55			.6		0.6		8	355
60			.6					
65			.6					
70			.7		0.8		7	370
75			.6					
80			.6					
85			.6		0.7		6	390
90			.7					
95			.6					
400			.4					
5			.5					
10			.5		0.4		5	410

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

(2) VIBROGROUND _____ OHMS

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

20F2

COMPANY Northwest Pipe Line JOB No. 85-504 DATE: 10-27-85
 WELL: Basic Unit #64 PIPELINE: _____
 LOCATION: SEC. 29 TWP. 31N RGE. 5W CO Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY 500 FT: CABLE TOOL 2 FT: CASING 0 FT
 GROUND BED: DEPTH 500 FT. DIA. 8 IN. GAB _____ 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	R	R	NO.	FT.
15			.5					
20			.3					
25			.5		0.5		4	425
30			.5					
35			.4					
40			.5		0.7		3	440
45			.6					
50			.6					
55			.6		0.6		2	455
60			.5					
65			.3					
70			.3					
75			.6					
80			.6		0.7		1	480
85			.6					
90			.5					
95			.5					
500			.4					

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

(2) VIBROGROUND _____ OHMS