

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

OPERATOR: Williams Production Company LOCATION: H 11 31 6 LEASE NUMBER: SF-078771

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #036 MV 30-039-07977
DUALWELL ROSA #217 30-039-24429

ELEVATION: 6425' GR COMPLETION DATE: 11/14/77 TOTAL DEPTH: 309 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: 80 ' Water zone thickness not available. WATER DESCRIPTION: Fresh

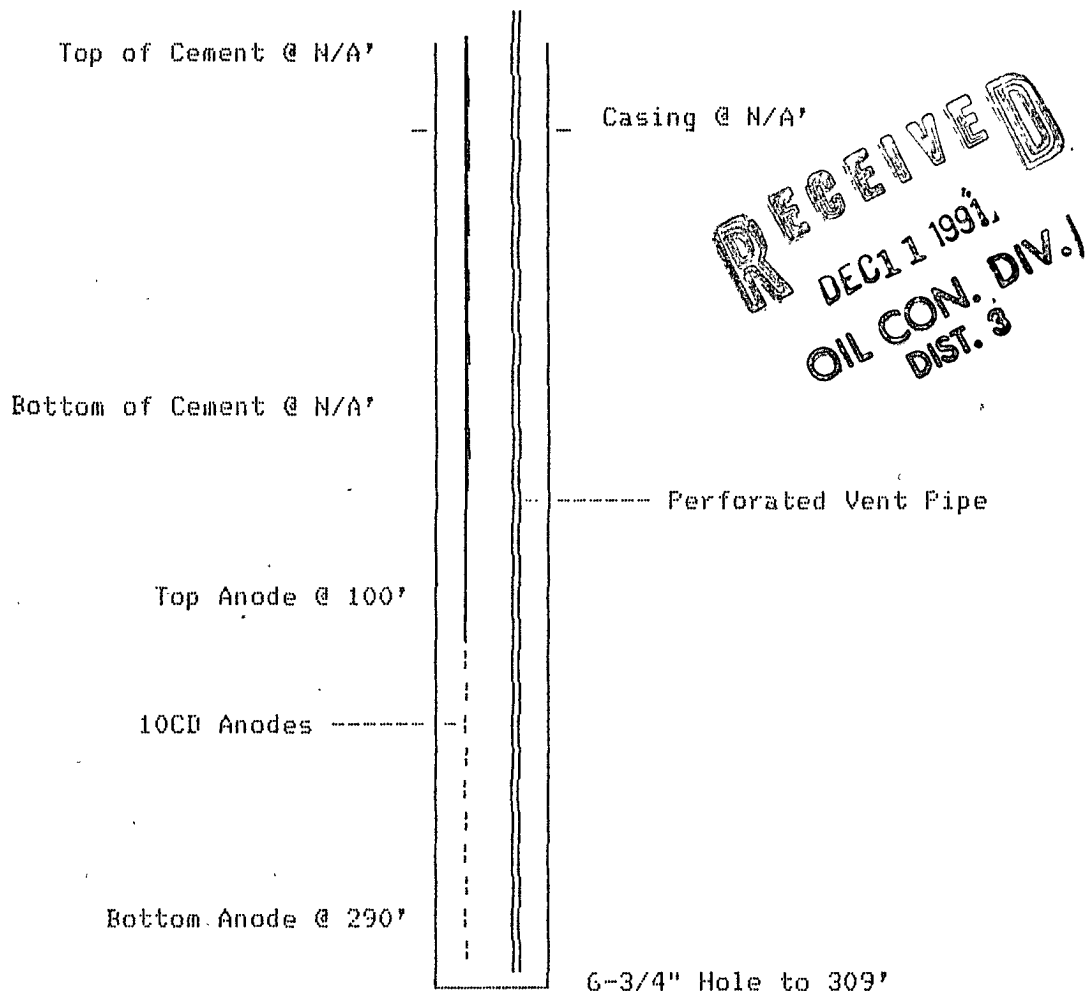
DEPTH OF GAS: N/A '

COKE: 6993 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10CD TOP ANODE @ 100 ft. BOTTOM ANODE @ 290 ft.

VENT PIPE: 1" PVC Set @ 309 ft. Vent pipe perforated from 80 ft. to 309 ft.

REMARKS: _____



WELL TYPE GROUNDBED TA

DATA SHEET NO. 1 of 2

COMPANY Northwest Pipeline Co JOB No. 9279 DATE: 11-14-77
 WELL: Rosa Unit #36 PIPELINE: _____
 LOCATION: SEC. 11 TWP. 31 RGE. 6 CO. Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUNDBED: DEPTH 309 FT. DIA. 6 3/4 IN. GAB 4326 LBS. ANODES 10-CD P-51

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
80	80' WATER						4.6	
5							4.6	
90							5.7	
5							6.7	
100							7.2	10.100
5							7.4	
10							6.3	9.110
15							9.3	
20							10.9	
5							7.9	8.125
30							5.6	
5							7.4	7.135
40							11.7	
5							12.0	
50							14.0	
5							11.5	
60							5.7	6.160
5							11.3	
70							8.2	
5							5.2	5.175
80							6.7	
5							8.0	
90							8.0	
5							5.3	4.195
200							5.8	
5							7.6	3.205
10							10.2	
15							11.1	
20							11.4	
5							11.4	
30							11.5	
5							11.6	
40							9.5	
5							9.2	
50							11.2	
5							12.2	
60							11.8	
5							11.7	
70							11.2	
5							6.6	
80							6.4	2.280
5							6.7	
90							7.1	1.290

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

(2) VIBROGROUND .93 OHMS

cathodic protection service

HOUSTON TEXAS

DATA SHEET NO. 2042

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(2) VIBROGROUND .93 OHMS



HOUSTON TEXAS