

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

OPERATOR: Williams Production Company LOCATION: N 23 31 6 LEASE NUMBER: SF-078771

NAME OF WELL/WELLS OR PIPELINE-SERVICED: ROSA UNIT #021 MV *30-039-07951*
DUALWELL ROSA #202 *30-039-24393*

ELEVATION: 6244' GR COMPLETION DATE: 11/18/77 TOTAL DEPTH: 293 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: 40 ' Water zone thickness not available. WATER DESCRIPTION: Fresh

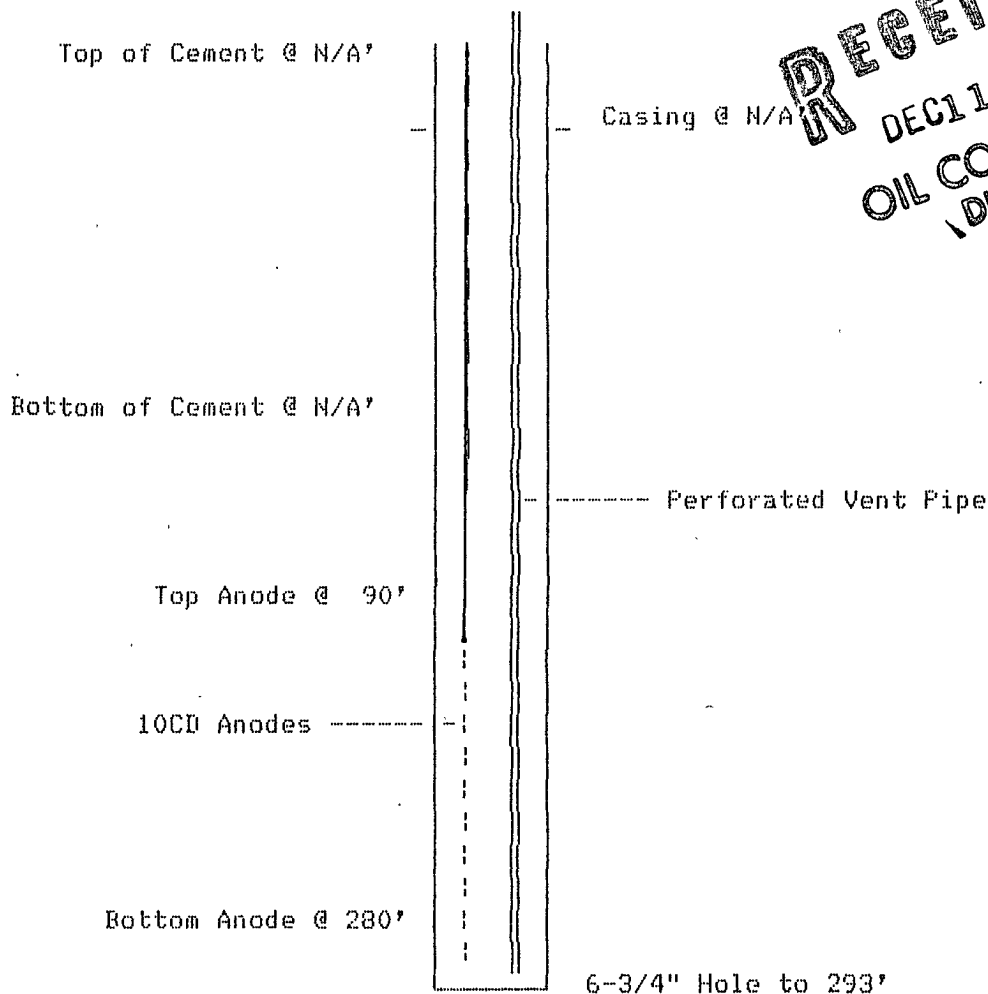
DEPTH OF GAS: N/A '

COKE: 6831 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10CD TOP ANODE @ 90 ft. BOTTOM ANODE @ 280 ft.

VENT PIPE: 1" PVC Set @ 293 ft. Vent pipe perforated from 70 ft. to 293 ft.

REMARKS:



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DEC 11 1991
OIL CON. DIV. 1
DIST. 3

WELL TYPE GROUND BED I TA

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COMPANY Northwest Pipeline Co JOB No. 9279 DATE: New Mexico
 WELL: Rosa Unit # 21 PIPELINE: _____
 LOCATION: SEC. 23 TWP. 31 RGE. 6 CO. Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUND BED: DEPTH 293 FT. DIA. 6 3/4 IN. GAB 4102 LBS. ANODES 10-CD D-51

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
40	40' Water						11.3	
5							7.7	
50							14.1	
5							11.7	
60							12.0	
5							11.9	
70							11.6	
5							9.4	
80							4.7	
5							5.0	
90							5.1	10.90
5							4.3	
100							4.2	9.100
5							4.5	
110							4.6	8.110
15							5.8	
20							5.3	7.120
5							4.0	
30							4.9	6.130
5							7.1	
40							8.9	
5							8.1	
50							7.1	
5							11.3	
60							11.2	
5							11.1	
70							11.2	
5							11.3	
80							8.8	
5							6.1	
90							7.4	
5							9.9	
200							9.8	
5							8.3	
10							8.4	
15							9.6	
20							9.9	
5							9.7	
30							7.0	
5							4.1	
40							4.2	5.240
5							4.1	
50							4.0	4.250

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

(2) VIBROGROUND .78 OHMS

cathodic protection service

HOUSTON TEXAS

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(2) VIBROGROUND .79 OHMS



HOUSTON TEXAS