

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

OPERATOR: Williams Production Company LOCATION: H 22 31 6 LEASE NUMBER: SF-078766

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #018 MV 18- 30-039-07960
DUALWELL ROSA #115, #201 115- 30-039-23483
201- 30-039-24392

ELEVATION: 6250' GR COMPLETION DATE: 11/17/77 TOTAL DEPTH: 296 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: 55 ' Water zone thickness not available. WATER DESCRIPTION: Fresh

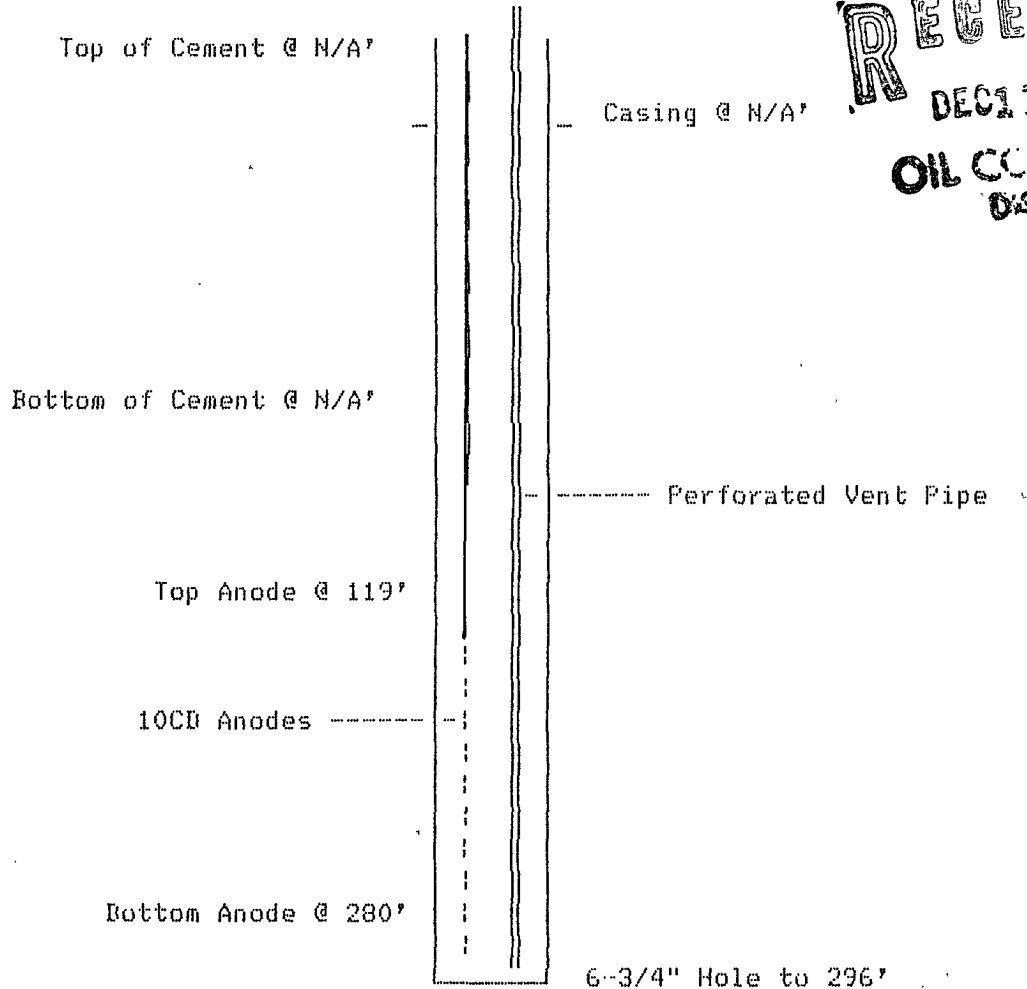
DEPTH OF GAS: N/A '

COKE: 6129 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10CD TOP ANODE @ 119 ft. BOTTOM ANODE @ 280 ft.

VENT PIPE: 1" PVC Set @ 296 ft. Vent pipe perforated from 99 ft. to 296 ft.

REMARKS: _____



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WELL TYPE GROUND BED I A

DATA SHEET NO. 1 of 2

COMPANY Northwest Pipeline Co JOB No. 9279 DATE: 11-17-77
 WELL: Rosa UNIT #18 PIPELINE:
 LOCATION: SEC. 22 TWP. 31-N RGE. 6-W CO. Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUND BED: DEPTH 296 FT. DIA. 6 3/4 IN. GAB 4144 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	
	<u>115' WATER</u>							
40							4.1	
5							6.0	
50							5.2	
5							5.9	
60							5.3	
5							4.9	
70							7.2	
5							11.3	
80							11.9	
5							12.2	
90							11.9	
5							11.6	
100							11.3	
5							11.8	
110							11.8	
15							6.0	
20							5.1	
5							5.0	
30							4.0	
5							4.2	
40							5.0	
5							6.2	
50							8.4	
5							10.1	
60							10.4	
5							10.2	
70							10.1	
5							10.3	
80							10.4	
5							9.8	
90							7.3	
5							5.1	✓ 10.190
200							5.1	
5							4.5	✓ 9.200
10							4.4	
15							6.6	✓ 8.210
20							7.4	
5							7.0	✓ 7.230
30							6.1	
5							5.3	✓ 6.230
40							5.1	
5							5.8	✓ 5.240
50							6.0	

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

(2) VIBROGROUND .93 OHMS

cathodic protection service

HOUSTON TEXAS

DATA SHEET NO. 2 of 2

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(2) VIBROGROUND .93 OHMS



HOUSTON TEXAS