

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

OPERATOR: Williams Production Company LOCATION: A 18 31 5 LEASE NUMBER: SF-078764

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #022 MV
DUALWELL N/A

30-039-07971

ELEVATION: 6388' GR COMPLETION DATE: 11/15/77 TOTAL DEPTH: 290 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

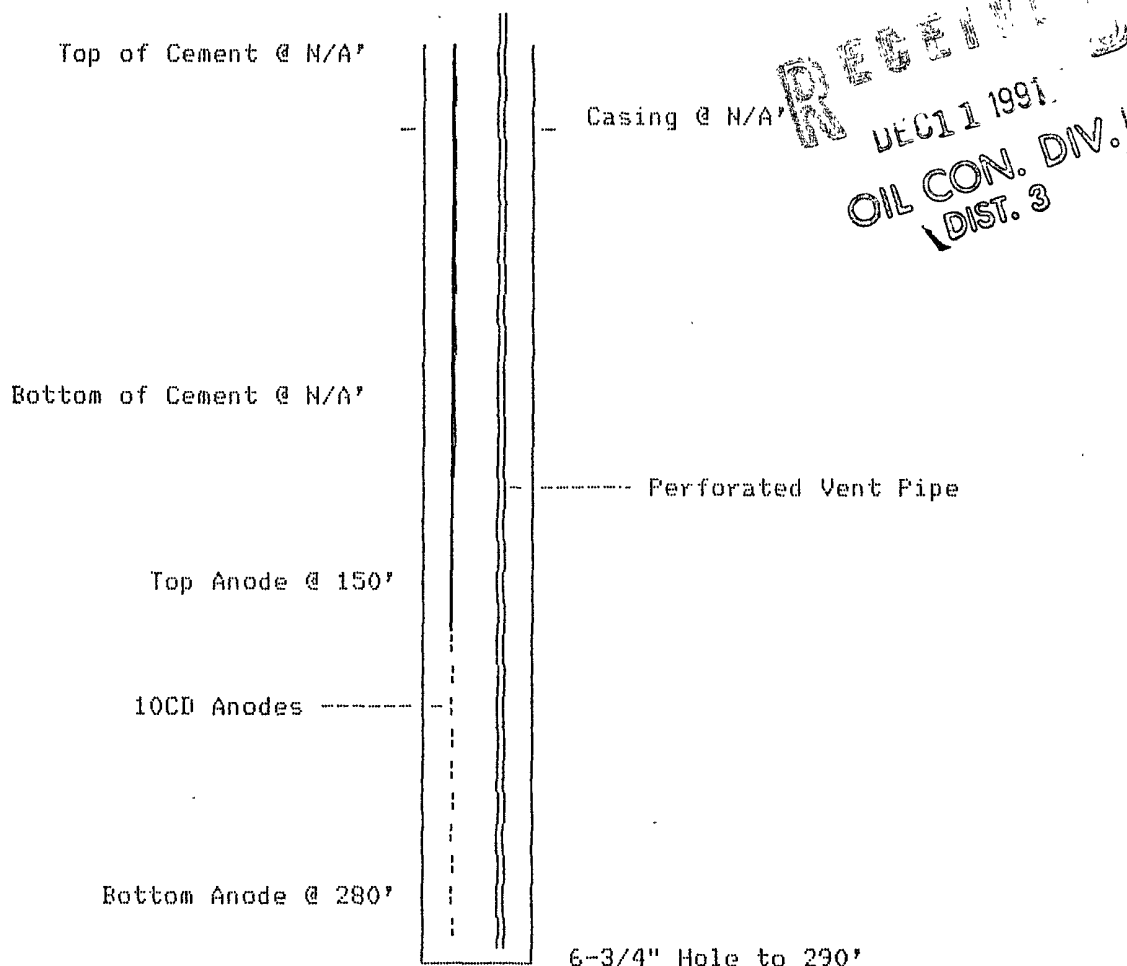
DEPTH OF GAS: N/A '

COKE: 5130 lbs. of Metallurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10CD TOP ANODE @ 150 ft. BOTTOM ANODE @ 280 ft.

VENT PIPE: 1" PVC Set @ 290 ft. Vent pipe perforated from 130 ft. to 290 ft.

REMARKS: _____



WELL TYPE GROUNDBED D A

DATA SHEET NO. 1042

COMPANY Northwest Pipeline CO JOB No. 9279 DATE: 11-15-77
 WELL: Rosa UNIT # 22 PIPELINE: _____
 LOCATION: SEC. 18 TWP. 31-N RGE. 5-W CO. Rio Arriba STATE New Mexico
 ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.
 GROUNDBED: DEPTH 290 FT. DIA. 1 3/4 IN. GAS 4060 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>40' Water</u>							
<u>40</u>							<u>4.9</u>	
<u>5</u>							<u>8.5</u>	
<u>50</u>							<u>9.3</u>	
<u>5</u>							<u>9.9</u>	
<u>60</u>							<u>10.6</u>	
<u>5</u>							<u>10.2</u>	
<u>70</u>							<u>11.3</u>	
<u>5</u>							<u>11.1</u>	
<u>80</u>							<u>4.3</u>	
<u>5</u>							<u>3.9</u>	
<u>90</u>							<u>3.9</u>	
<u>5</u>							<u>4.4</u>	
<u>100</u>							<u>4.3</u>	
<u>5</u>							<u>5.4</u>	
<u>10</u>							<u>5.4</u>	
<u>15</u>							<u>4.5</u>	
<u>20</u>							<u>4.5</u>	
<u>5</u>							<u>5.0</u>	
<u>30</u>							<u>6.8</u>	
<u>5</u>							<u>8.0</u>	
<u>40</u>							<u>6.4</u>	
<u>5</u>							<u>6.0</u>	
<u>50</u>							<u>5.8</u>	<u>✓ 10.150</u>
<u>5</u>							<u>6.3</u>	
<u>60</u>							<u>6.3</u>	
<u>5</u>							<u>5.9</u>	<u>✓ 9.165</u>
<u>70</u>							<u>5.4</u>	
<u>5</u>							<u>5.5</u>	<u>✓ 8.175</u>
<u>80</u>							<u>5.1</u>	
<u>5</u>							<u>4.8</u>	<u>✓ 7.185</u>
<u>90</u>							<u>6.0</u>	
<u>5</u>							<u>6.3</u>	
<u>200</u>							<u>5.4</u>	<u>✓ 6.200</u>
<u>5</u>							<u>4.6</u>	
<u>10</u>							<u>5.8</u>	<u>✓ 5.210</u>
<u>15</u>							<u>6.1</u>	
<u>20</u>							<u>5.4</u>	<u>✓ 4.220</u>
<u>5</u>							<u>4.2</u>	
<u>30</u>							<u>4.5</u>	<u>✓ 3.230</u>
<u>5</u>							<u>6.3</u>	
<u>40</u>							<u>6.9</u>	
<u>5</u>							<u>5.8</u>	<u>✓ 2.245</u>
<u>50</u>							<u>5.4</u>	

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

(2) VIBROGROUND 1.0 OHMS



cathodic protection service

HOUSTON TEXAS

DATA SHEET NO. 2043

[illegible]

(2) VIBROGROUND 1.0 OHMS



HOUSTON TEXAS