

30-045-24288

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS  
NORTHWESTERN NEW MEXICO  
(Submit 3 copies to OCD Aztec Office)

Operator ARCO Oil and Gas Company Location: Unit C Sec. 33 Twp 28N Rng 11W  
Name of Well/Wells or Pipeline Serviced Krause WN Fed. #3E

Elevation 5864' Completion Date 11/10/84 Total Depth 250' Land Type\* F-SF078863  
Casing, Sizes, Types & Depths Open hole, 7-7/8"

RECEIVED

If Casing is cemented, show amounts & types used FEB 25 1991

OIL CON. DIV.

DIST. 2

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water when possible:  
Fresh, Clear, Salty, Sulphur, Etc. Not available.

Depths gas encountered: None

Type & amount of coke breeze used: Hole filled with metallurgical coke breeze from bottom to surface  
by slurry method.

Depths anodes placed: Anode tops at 230', 220', 210', 190', 180', 170', 160'

Depths vent pipes placed: 235' to 3' above ground

Vent pipe perforations: 1/8" holes every 6" from 250' to 160'

Remarks: 3" x 60" graphite anodes

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

\*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.  
If Federal or Indian, add Lease Number.

## WELL TYPE GROUND BED DATA

Data Sheet No. 5COMPANY ARCO OIL AND GAS CO.JOB No. 248 DATE: 11-10-84WELL: KRAUSE 3E

PIPELINE

LOCATION: SEC. 33 TWP. 28N RGE. 11E CO. SAN JUAN STATE NEW MEXICO

ELEV. \_\_\_\_\_ ft. ROTARY \_\_\_\_\_ ft. CABLE TOOL \_\_\_\_\_ ft. CASING \_\_\_\_\_ ft.

GROUNDBED: DEPTH 250 ft. DIA. 7 7/8 in. GAB ±1500 lbs. ANODES 8-3"X60" UCAR 79

DEPTH. FT.	DRILLER'S LOG	FINAL ANODE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH TOP OF ANODES
		E	I	R	E	I	R	
50	0-140 BLUE SANDY SHALE	12.6			12.6	2.0		
55	140-250 SOFT SAND STONE					2.1		
60	WITH SHALE STRINGERS					2.0		
65						1.8		
70						1.8		
75						1.2		
80						1.2		
85						1.1		
90						1.2		
95						1.2		
100						1.0		
5						1.0		
10						.9		
15						.7		
20						.8		
25						1.3		
30						1.6		
35						1.8		
40						1.9		
45						1.4		
50						2.1		
55						2.6		
60			4.1			1.8		#8
65						1.0		
70			4.1			1.0		#7
75						1.7		
80			3.0			1.6		#6
85						1.1		
90			1.8			1.2		#5
95						1.1		
200			2.5			1.0		#4
5						1.4		
10			3.5			1.4		#3
15						1.6		
20			3.7			1.7		#2
25						2.0		
30			2.5			1.4		#1
35						1.4		
40						1.2		
45						1.0		
50								

GROUNDED RESISTANCE: (1) VOLTS 12.4 + AMPS 10.2 - 1.2 OHMS

Corrosion Specialists, Ltd.

(2) VIBROGROUND \_\_\_\_\_ OHMS