

30-045-24486

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 P Sec. 33 Twp 28N Rng 11W
Name of Well/Wells or Pipeline Serviced Krause WN Fed. #4E

Elevation 6013' Completion Date 11/13/84 Total Depth 250' Land Type* F-SF078863
Casing, Sizes, Types & Depths Open hole, 7-7/8"

RECEIVED

FEB 25 1991

If Casing is cemented, show amounts & types used OIL CON. DIV.
DIST. 3

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 240', 230', 220', 210', 200', 190', 180', 170'
Depths vent pipes placed: 245' to 3' above ground
Vent pipe perforations: 1/8" holes every 6" from 245' to 170'
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 GROUNDED DATA

Data Sheet No. 7

COMPANY ARCO OIL AND GAS CO. JOB No. 248 DATE: 11-13-84
 WELL: KRAUSE 4E PIPELINE _____
 LOCATION: SEC. 33 TWP. 28N RGE. 11W 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	0-10 BROWN SANDY CLAY	14.7			14.7	2.3		
55	10-25 BLUE SHALE					2.3		
60	25-30 SAND					2.5		
65	30-160 SANDY BLUE SHALE					2.8		
70	160-250 BLUE SAND					2.5		
75						2.4		
80						2.5		
85						2.1		
90						1.3		
95						1.5		
100						1.6		
5						1.7		
10						1.8		
15						1.5		
20						1.6		
25						1.5		
30						1.8		
35						2.0		
40						3.2		
45						3.3		
50						3.4		
55						3.3		
60						3.3		
65						3.2		
70			7.6			3.2		#8
75						3.3		
80			7.4			3.1		#7
85						2.6		
90			6.2			2.6		#6
95						2.4		
200			6.5			2.1		#5
5						1.3		
10			3.5			1.1		#4
15						1.0		
20			2.0			1.0		#3
25						1.0		
30			2.0			1.2		#2
35						2.2		
40			4.6			2.5		#1
45						2.3		
50								

GROUNDED RESISTANCE: (1) VOLTS _____ + AMPS _____ - _____ OHMS

Corrosion Specialists, Ltd.

(2) VIBROGROUND _____ OHMS