

30-045-07087

4979

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

Elevation 5961' Completion Date 11/10/84 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: NoneType & amount of coke breeze used: Hole filled with metallurgical coke breeze from bottom to surface
by slurry method.Depths anodes placed: Anode tops at 245', 235', 225', 215', 205', 195', 185', 175'Depths vent pipes placed: 250' to 3' above groundVent pipe perforations: 1/8" holes every 6" from 250' to 175'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. 6

COMPANY ARCO OIL AND GAS CO. JOB No. 248 DATE: 11-10-84
 WELL: KRAUSE 4 PIPELINE _____
 LOCATION: SEC. 33 TWP. 28N RGE. 11W CO. SAN JUAN STATE NEW MEXICO
 ELEV. _____ ft. ROTARY _____ ft. CABLE TOOL _____ ft. CASING _____ ft.
 GROUND BED: 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	0-115 SAND & SHALE	13.6			13.6	2.6		
55	115-250 SANDY SHALE					2.7		
60	WITH SANDSTONE					2.7		
65	STRINGERS					2.9		
70						2.7		
75						2.3		
80						2.8		
85						3.1		
90						2.8		
95						2.7		
100						2.9		
5						2.9		
10						3.0		
15						2.8		
20						2.8		
25						2.9		
30						2.4		
35						2.4		
40						2.1		
45						2.4		
50						2.7		
55						2.5		
60						2.6		
65						2.2		
70						2.0		
75			3.7			1.6		#8
80						1.4		
85			3.1			1.2		#7
90						1.2		
95			2.4			1.0		#6
200						1.0		
5			2.0			1.0		#5
10						0.9		
15			2.0			1.1		#4
20						1.2		
25			3.7			1.9		#3
30						3.0		
35			4.4			2.5		#2
40						3.6		
45			5.8			4.0		#1
50						3.3		

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

Corrosion Specialists, Ltd.

(2) VIBROGROUND _____ OHMS