30-045-06983 4981

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 M Sec. 33 Twp 28N Rng 11W

Name of Well/Wells or Pipeline Serviced Krause WN Fed. #3

Elevation 6099' Completion Date 11/06/84 Total Depth 250' Land Type* F-SF078863

Casing, Sizes, Types & Depths Open hole, 7-7/8"

If Casing is cemented, show amounts & types used

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', 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

RECEIVED
FEB 25 1991
OIL CON. DIV.
DIST. 3

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 GROUNDBED DATA

Data Sheet No. 4

COMPANY ARCO OIL AND GAS CO. JOB No. 248 DATE: 11-6-84

WELL: KRAUSE 3 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 E	FINAL ANODE TO STRUCTURE I	FINAL ANODE TO STRUCTURE R	EXPLORING ANODE TO STRUCTURE E	EXPLORING ANODE TO STRUCTURE I	EXPLORING ANODE TO STRUCTURE R	DEPTH TOP OF ANODES
50	0 - 80 BROWN SAND	12.4			12.4	0.5		
55	80 -100 BLUE SAND					1.0		
60	100 -180 SANDY SHALE					1.2		
65	180-200 BLUE SHALE					1.2		
70	200 - 250 BLUE SAND/SHALE					2.0		
75	STRINGERS					2.2		
80						2.1		
85						1.7		
90						1.3		
95						1.6		
100						1.4		
5						1.6		
10						1.7		
15						2.3		
20						2.6		
25						2.6		
30						2.4		
35						2.6		
40						2.8		
45						2.6		
50						2.7		
55						2.6		
60						2.5		
65						2.5		
70			5.9			2.5		#8
75						2.2		
80			7.3			2.6		#7
85						3.1		
90			7.8			2.6		#6
95						2.1		
200			5.4			2.0		#5
5						1.7		
10			3.5			1.3		#4
15						1.1		
20			2.7			1.1		#3
25						1.6		
30			7.0			3.0		#2
35						2.6		
40			5.2			2.6		#1
45						2.3		
50								

GROUNDED RESISTANCE: (1) VOLTS _____ ÷ AMPS _____ = _____ OHMS

(2) VIBROGROUND _____ OHMS

Corrosion Specialists, Ltd.