

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator EPFS Location: Unit NW Sec. 22 Twp 28 Rng 12

Name of Well/Wells or Pipeline Serviced G.C.U # 218-E

Elevation _____ Completion Date 11-26-97 Total Depth 397 Land Type *F-SF-078106

Casing, Sizes, Types & Depths 8 5/8" PVC 20'

If Casing is cemented, show amounts & types used 3-bags 1+2

If Cement or Bentonite Plugs have been placed, show depths & amounts used None

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 120' 5-G.P.M.

RECEIVED
MAR - 2 1998

OIL CON. DIV.
DIST. 3

Depths gas encountered: None

Type & amount of coke breeze used: Waresco SW 5600 #

Depths anodes placed: 140' - 380'

Depths vent pipes placed: 397'

Vent pipe perforations: 280'

Remarks: _____

Donjon Hitt

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.

THE LOFTIS COMPANY

DEEP WELL GROUND BED DATA

DATE: November 26, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 94070 WO 3469

LOCATION: G.C.U. #218E

GROUND BED: DEPTH / FT: 400" DIA / INCH: 7 7/8" ANODES: (15) 2 X 60 sha-2

CASING: DEPTH / FT: 20" SIZE: 8"

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10							
15							
20							
25	Sand						
30	Brown Sand & Sandstone						
35							
40			0.2				
45			0.6				
50			0.6				
55			0.6				
60			0.5				
65			0.7				
70			0.6				
75			0.7				
80			0.8				
85			1.0				
90			1.8				
95	Gray Sandstone		1.4				
100			0.9				
105			0.9				
110			0.8				
115			0.8				
120			0.7				
125			0.7				
130			0.6				
135	Shale		1.0				
140	Wet		1.4	15	140	1.2	5.5
145			1.3				
150			1.1	14	150	1.2	5.2
155			1.0				
160			0.9				
165			1.3	13	165	1.5	6.4
170			1.2				
175	Sandstone & Shale		0.9				
180			0.8				
185			0.7				
190			0.4				
195			0.4				
200	Sandstone &		0.4				
205	Conglomerage		0.4				
210			0.4				

JOB # tdm1350

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			0.4				
220			0.3				
225			0.3				
230			0.3				
235			0.3				
240			0.3				
245			0.4				
250			0.4				
255	Shale		0.4				
260			0.5				
265			0.7				
270			1.8	12	270	1.7	7.8
275			2.0				
280			1.5	11	280	1.5	7.4
285			1.5				
290			1.8	10	290	1.7	7.4
295			1.7				
300			1.5	9	300	1.5	6.5
305			1.3				
310			1.3	8	310	1.3	6.0
315			1.5				
320			1.6	7	320	1.5	6.3
325			1.2				
330			1.0	6	330	1.1	5.0
335			1.0				
340			1.1	5	340	1.2	5.6
345			1.2				
350			1.5	4	350	1.4	6.2
355			1.6				
360			1.8	3	360	1.7	7.0
365			1.4				
370			1.2	2	370	1.2	5.4
375			1.6				
380			1.8	1	380	1.7	5.8
385			1.5				
390			1.4				
395			1.4				
400	Shale						

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			1.3				
220			1.3				
225			1.2				
230			1.2				
235			1.6	6	235	1.6	6.1
240			1.9				
245			1.9	5	245	1.9	7.2
250			2.0				
255			2.1				
260			1.8	4	260	1.9	7.1
265			1.7				
270			1.8	3	270	1.8	6.9
275			2.1				
280			1.9	2	280	1.9	6.4
285			2.0				
290			1.7	1	290	1.7	5.9
295			1.6				
300			1.5				
305			1.5				
310			1.7				
315			2.2				
320							
325							
330	Shale						

JOB # TDMI350