

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

* 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: September 9, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC-96-1000

UNIT NO: CPS 908877, WO 2970

LOCATION: Zachery LS #1A

GROUND BED: DEPTH / FT 400'

DIA / INCH: 7 7/8"

ANODES: (15) 2 x 60 SHA2's

CASING: DEPTH / FT 23'

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	Casing to 23'						
25	Boulders & Sand						
30							
35							
40							
45							
50							
55							
60	Sandstone		1.7				
65			1.2				
70			0.8				
75			0.8				
80			0.6				
85			0.4				
90	Wet Shale		1.7				
95			3.3				
100			3.2				
105			3.1				
110			3.0				
115			3.2				
120			2.6				
125			2.5				
130			2.0				
135			1.6				
140			1.3				
145			1.0				
150			0.4				
155			0.4				
160			0.9				
165			2.5				
170			2.1				
175			2.5				
180			2.7				
185			2.8				
190			2.6				
195			2.3				
200	Sandstone		2.0	15	200	2.1	5.7
205			2.2				
210			2.1	14	209	2.1	5.8

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DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			2.3	13	217	2.3	6.5
220	Shale		2.3				
225			2.0	12	225	2.0	6.2
230			1.7				
235			1.4				
240			1.5				
245			1.6				
250			1.6				
255	Shale & Sandstone		1.8				
260			1.4				
265			1.5				
270			1.7	11	270	1.7	5.7
275			1.6				
280			1.8	10	280	1.8	6.2
285			2.1				
290			2.2	9	288	2.1	6.7
295			2.3	8	296	2.2	6.7
300			2.0				
305			1.9	7	304	1.9	6.2
310	Shale		1.9	6	312	1.8	5.8
315			1.8				
320			1.8	5	320	1.8	5.6
325			1.5				
330			1.3				
335			1.6				
340			1.5				
345			2.3	4	346	2.2	6.7
350			2.2				
355			2.1	3	354	2.1	6.3
360			2.1	2	362	2.1	5.6
365			2.1				
370			1.7	1	370	1.9	5.3
375			1.8				
380			1.9				
385							
390							
395							
400	Shale						