

30-045-11649

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

Operator EPFS Location: Unit H Sec. 31 Twp 29 Rng 12Name of Well/Wells or Pipeline Served Gallegos C.U. 221Elevation _____ Completion Date 11-4-97 Total Depth 400 Land Type *SF 076109Casing, Sizes, Types & Depths 8 5/8 - P.U.C. 20'If Casing is cemented, show amounts & types used 45X - ZIA Type 1 & 2If 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. _____

RECEIVED
JAN 20 1998

Depths gas encountered: _____

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: loresco 2w 3000 lbs -Depths anodes placed: 258 - 370 -Depths vent pipes placed: 370Vent pipe perforations: 200

Remarks: _____

O.H. Sauer

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 4, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 75353 WO 3459

LOCATION: G.C.U. #221

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	Blue Sandstone						
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100	(Wet)						
105							
110	Shale						
115							
120			0.3				
125	Blue Sandstone		0.3				
130			0.3				
135			0.3				
140			0.3				
145			0.2				
150			0.2				
155			0.2				
160			0.2				
165			0.2				
170			0.3				
175			0.4				
180			0.4				
185			0.3				
190			0.3				
195			0.3				
200			0.4				
205			0.5				
210			0.8				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			0.7				
220			0.5				
225			0.5				
230			0.6				
235			0.5				
240			0.4				
245			0.2				
250	Shale		0.1				
255			1.7				
260			2.3	15	258	1.8	4.8
265			2.5	14	266	2.3	6.2
270			2.0				
275			2.1	13	274	1.9	5.8
280			2.2	12	282	1.9	5.8
285			1.8				
290			2.1	11	290	1.7	5.7
295			2.1				
300			2.1	10	298	2.0	6.3
305			2.0	9	306	2.0	6.4
310			1.8				
315			2.0	8	314	1.7	5.9
320			1.9	7	322	1.9	6.2
325			1.8				
330			2.0	6	330	1.9	5.8
335			2.0				
340			1.7	5	338	2.0	6.6
345			1.7	4	346	1.7	5.5
350			1.6				
355			1.5	3	354	1.6	5.4
360			1.6	2	362	1.6	5.3
365			1.6				
370			1.7	1	370	1.7	5.3
375			1.5				
380			1.8				
385			2.4				
390							
395							
400	Shale						