

30-045-24175

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

Operator EPFS Location: Unit E Sec. 35 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served GALLOGOS CANYON UNIT 170E

Elevation _____ Completion Date 10-10-91 Total Depth 400 Land Type * _____

Casing, Sizes, Types & Depths 8" PVC. 20'

If Casing is cemented, show amounts & types used 9 5X.

Est. 200' - 105 sks Cemented Brand G

If Cement or Bentonite Plugs have been placed, show depths & amounts used _____

Est 200' - 105 sacks - Cementers inc. Bulk-

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

Fresh, Clear, Salty, Sulphur, Etc. Clear-Salty

RECEIVED
JAN 20 1992

Depths gas encountered: 75' - 200'

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: Moresco SW 5200 lbs

Depths anodes placed: 215 - 360

Depths vent pipes placed: 360

Vent pipe perforations: 145

Remarks: _____

O H. L. L. L.

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: October 0, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: NM

CONTRACT NO: FC-96-1000

UNIT NO: CPS 93542 W.O. 3464

LOCATION: Gallegos CU #170E

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	Sandstone & Shale						
25	Conglomerate						
30							
35							
40			1.2				
45			2.3				
50			1.8				
55			1.3				
60			1.2				
65			1.1				
70	(Gas & Water)		0.8				
75			0.6				
80			0.8				
85			0.8				
90			0.6				
95			0.6				
100			0.7				
105			0.7				
110			0.6				
115			0.6				
120			0.7				
125			0.7				
130			0.7				
135			0.6				
140			0.7				
145			1.0				
150			1.7				
155			1.4				
160			1.1				
165			1.1				
170			0.9				
175			0.7				
180			1.0				
185			0.9				
190			0.6				
195			0.6				
200	Shale		1.2				
205			3.8				
210	Shale		3.6				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215	Shale		3.8	15	215	4.3	8.4
220			3.4				
225			3.2	14	225	3.9	7.7
230			3.1				
235			3.0	13	235	3.6	7.1
240			2.9				
245			3.1	12	245	3.8	7.0
250			3.0				
255			2.4	11	255	2.9	5.7
260			2.2				
265			2.9				
270			3.4	10	270	4.3	7.2
275			3.5				
280			2.7	9	280	3.8	6.5
285			2.2				
290			2.9	8	290	3.4	5.9
295			2.7				
300			3.2	7	300	3.7	6.2
305			2.6				
310			2.3	6	310	2.6	4.8
315			2.3				
320			2.5	5	320	2.7	5.1
325			2.8				
330			3.1	4	330	3.0	5.2
335			2.7				
340			3.4	3	340	3.7	5.6
345			3.3				
350			2.8	2	350	3.0	4.9
355			3.4				
360			3.8	1	360	3.7	5.0
365			3.6				
370			4.0				
375			3.8				
380			3.2				
385			3.4				
390							
395							
400	Shale						