

30-045-25223

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

Operator EPNG. Location: Unit 9 Sec. 36 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served GCU #63E162E

Elevation _____ Completion Date 10-23-91 Total Depth 360 Land Type * F 8920008445

Casing, Sizes, Types & Depths 8 5/8" - P.V.C. 24'

If Casing is cemented, show amounts & types used 120 SX - Cementors inc.

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

354' to Surface. 120 SX.

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JAN 20 1998

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

Fresh, Clear, Salty, Sulphur, Etc. 120-125 - Clear - Fresh -

OIL CON. DIV.
DIST. 3

Depths gas encountered: 350

Type & amount of coke breeze used: Water & gas velocity was such washed out coke

Depths anodes placed: 130 - 335 -

Depths vent pipes placed: 335

Vent pipe perforations: 200

Remarks: _____

O & J Farrell

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 23, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: Agreement No. A96-24

UNIT NO: CPS 03902 WO 3449

LOCATION: G.C.U. #162E

GROUND BED: DEPTH / FT 360'

DIA / INCH: 7 7/8"

ANODES: (15) 2 x 60 SHA-2

CASING: DEPTH / FT 24'

SIZE: 8"

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10	(Boulders)						
15							
20	Casing to 24'						
25	Shale						
30							
35							
40			3.0				
45			3.4				
50			3.3				
55			3.0				
60			3.0				
65			2.4				
70			2.1				
75			1.6				
80			1.7				
85			1.5				
90			1.6				
95			1.4				
100			1.5				
105			1.6				
110			1.6				
115			1.4				
120	Clay & Conglomerate		1.1				
125	(Water)		1.9				
130			3.0	15	130	3.0	4.8
135			3.3				
140			3.5	14	140	3.7	5.3
145			2.3				
150			1.1				
155			1.0				
160			0.9				
165			0.9				
170			1.0				
175			1.0				
180			1.0				
185			1.0				
190			0.8				
195	Shale		0.8				
200			0.8				
205	Sandstone		0.8				
210			0.8				

JOB # TDMI350

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			0.7				
225			0.5				
230			0.2				
235			0.2				
240			1.4				
245			0.8				
250			0.7				
255			0.4				
260			2.1				
265	Shale		2.1	13	263	1.9	2.8
270			2.4	12	269	2.8	3.9
275			2.0	11	275	2.4	3.5
280			1.3	10	281	1.6	2.5
285			1.3	9	287	1.3	2.5
290			2.8				
295			2.8	8	293	2.4	3.2
300			2.3	7	299	2.9	3.6
305			2.3	6	305	2.3	3.3
310			2.2	5	311	2.3	3.4
315			2.0	4	317	2.2	3.5
320			2.2				
325			2.3	3	323	2.2	3.6
330			1.8	2	329	2.2	3.2
335			1.7	1	335	1.7	2.4
340			1.8				
345			1.8				
350							
355	(Gas)						
360	Shale						

JOB # TDMI350