

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3288

30-045-11570

Operator EPFS Location: Unit E Sec. 30 Twp 28 Rng 12

Name of Well/Wells or Pipeline Served Galleagos Canyon Unit 193

Elevation _____ Completion Date 11-14-97 Total Depth 420 Land Type * I

Casing, Sizes, Types & Depths 8 5/8 P.V.C. 20'

1-149-IND-8470

If Casing is cemented, show amounts & types used 4 5/8 Zim Type 1 & 2

If 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. Not @ 90-100-

RECEIVED
MAR - 2 1998

Depths gas encountered: _____

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: Horco 50 SW 2900 lbs

Depths anodes placed: 275 - 380

Depths vent pipes placed: 380

Vent pipe perforations: 120

Remarks: _____

C. H. Marshall

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 14, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 75295 WO 3455

LOCATION: G.C.U. #193

GROUND BED: DEPTH / FT: 420'

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	Brown Sandstone						
30							
35							
40							
45							
50							
55							
60							
65	Gray Sandstone						
70							
75							
80							
85							
90							
95							
100	(Water)						
105			1.2				
110			1.2				
115			1.2				
120			1.3				
125			1.4				
130			1.5				
135			1.3				
140			1.2				
145			1.8				
150			2.3				
155			1.9				
160			1.3				
165			0.8				
170			0.6				
175			0.6				
180			0.6				
185			0.4				
190			0.4				
195			0.5				
200			0.6				
205	Gray Sandstone		0.8				
210			0.5				

JOB # TDM1350

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215	Gray Sanstone		0.5				
220			0.5				
225			0.4				
230			0.4				
235			0.3				
240			0.4				
245			0.3				
250			0.4				
255			0.4				
260			0.4				
265			0.7				
270			1.2				
275	Shale		1.7	15	275	1.7	7.4
280			2.0				
285			2.1	14	285	2.0	6.6
290			1.9	13	290	2.0	6.3
295			1.4				
300			1.4				
305			1.7	12	305	1.7	5.1
310			1.7	11	311	1.7	5.6
315			1.8	10	317	1.9	6.2
320			2.0				
325			1.9	9	323	1.8	6.1
330			2.1	8	329	1.9	6.5
335			2.0	7	337	2.0	6.6
340			2.0				
345			1.9	6	343	1.7	6.4
350			1.8	5	349	1.8	7.1
355			2.1	4	355	2.0	6.8
360			1.6				
365			1.6				
370			1.8	3	368	1.8	4.3
375			1.9	2	374	1.8	5.4
380			1.8	1	380	1.8	5.5
385			1.5				
390			1.4				
395			1.7				
400							
405							
410							
415							
420	Shale						

JOB # TDM1350