

30-045-11574

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

Operator EPFS Location: Unit K Sec. 34 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served Gallegos Canyon unit 199E

Elevation _____ Completion Date 10-27-97 Total Depth 400 Land Type * ?

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

If Casing is cemented, show amounts & types used 4 sx. ZIA 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. Wtr. @ 140 - Drill with air & wtr injection

Depths gas encountered: —

Type & amount of coke breeze used: Loresco SW - 5300 lbs

Depths anodes placed: 140 - 380

Depths vent pipes placed: 380

Vent pipe perforations: 240

Remarks: _____

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JAN 20 1998

OIL CON. DIV.
DIST. 3

[Signature]

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 27, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: Agreement No. A96-24

UNIT NO: CPS 93484 WO 3463

LOCATION: G.C.U. #199E

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						
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135	Shale						
140	(Water)		1.4	15	140	1.5	4.8
145			1.4	14	147	1.5	5.0
150			1.5				
155			1.5	13	154	1.5	5.0
160			0.9				
165			1.1	12	165	1.1	4.9
170			1.8	11	172	1.8	5.3
175			1.7				
180			1.3	10	179	1.6	4.9
185	Sandstone Conglomerate		0.9				
190			0.7				
195			0.5				
200			0.4				
205			0.4				
210			0.4				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			0.4				
220			0.5				
225			0.4				
230			0.4				
235			0.3				
240			0.5				
245			0.4				
250			0.6				
255			0.6				
260			0.5				
265			1.1				
270			0.5				
275			0.7				
280	(Water)		0.6				
285			0.7				
290			0.7				
295			0.8				
300			0.6				
305	Shale		0.5				
310			1.2				
315			2.0	9	313	1.3	3.3
320			1.8	8	319	1.8	3.1
325			1.1	7	325	1.6	3.4
330			0.7				
335			0.4				
340			0.2				
345			0.6				
350			3.3	6	350	2.8	3.5
355			2.9	5	356	3.2	6.5
360			2.9	4	362	2.9	6.0
365			3.0				
370			2.6	3	368		6.8
375			2.4	2	374		6.6
380			2.2	1	380		4.3
385			2.0				
390							
395							
400	Shale						