

30-045-24645

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

Operator EPFS Location: Unit D Sec. 13 Twp 28 Rng 12

Name of Well/Wells or Pipeline Served Gallegos Canyon Unit 217E

Elevation _____ Completion Date 10-31-97 Total Depth 380 Land Type * F ^{5F078905}

Casing, Sizes, Types & Depths 8 7/8 - 20'

If Casing is cemented, show amounts & types used 45X Zin 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. 170-180 - Taste Fresh -

Depths gas encountered: _____

Type & amount of coke breeze used: 4100 lbs Loresco SW

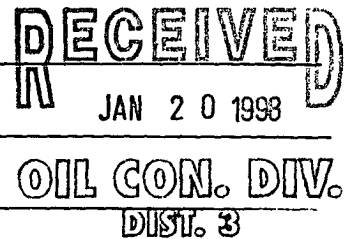
Depths anodes placed: ~~4100 lbs~~ 185-355

Depths vent pipes placed: 355

Vent pipe perforations: 200

Remarks: _____

D. 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 31, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 94353 WO 3471

LOCATION: Gallegos C.U. #217E

GROUND BED: DEPTH / FT 380'

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	Shale						
25							
30							
35							
40							
45							
50							
55							
60			2.4				
65			2.1				
70			1.9				
75			1.5				
80			1.6				
85			1.6				
90			1.6				
95			1.4				
100			1.3				
105			1.5				
110			2.2				
115			2.7				
120			2.8				
125			2.5				
130			2.4				
135			1.7				
140			2.6				
145			2.5				
150			2.2				
155			2.2				
160			1.5				
165	(Wet)		1.2				
170	Sandstone		1.2				
175			1.1				
180			1.1				
185			1.3	15	185	1.2	4.3
190	Shale		1.0				
195			0.8				
200			1.0				
205			0.9				
210	Sandstone		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			0.8				
230	Shale		0.8				
235			1.4	14	24	1.2	4.0
240			1.2	13	240	1.4	4.1
245			0.8				
250			0.6				
255			0.6	12	257	1.4	4.1
260			1.4				
265			1.3	11	263	1.4	4.1
270			1.9	10	269	1.6	5.1
275			1.1	9	275	1.4	4.7
280	Sandstone &		0.8				
285	Conglomerate		0.7				
290			0.7				
295			1.1	8	295	1.0	2.8
300			0.6				
305			0.5				
310			0.2				
315			1.4				
320			3.1	7	319	3.0	6.9
325			3.2	6	325	3.0	7.3
330	Shale		2.4	5	331	3.1	7.6
335			1.9	4	337	2.0	6.6
340			2.1				
345			2.2	3	343	2.1	5.9
350			2.3	2	349	2.3	5.9
355			2.3	1	355	2.3	6.0
360			2.0				
365			1.6				
370							
375							
380	Shale						