

30-045-07658

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

Operator EP.F.S. Location: Unit SW Sec. 35 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served G.C.U. #170

Elevation _____ Completion Date 10-17-97 Total Depth 395' Land Type * P

Casing, Sizes, Types & Depths 8 5/8" PVC 40'

If Casing is cemented, show amounts & types used 13 bags 142

If Cement or Bentonite Plugs have been placed, show depths & amounts used 0-110'

70 bags of CEMENT

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

Fresh, Clear, Salty, Sulphur, Etc. 130' 20-GPM

Depths gas encountered: 310'

Type & amount of coke breeze used: Loresco SW 7800 #

RECEIVED
JAN 20 1998

OIL CON. DIV.
DIST. 3

Depths anodes placed: 225'-370'

Depths vent pipes placed: 395'

Vent pipe perforations: 200'

Remarks: _____

Don Jon Hitt

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 17, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC-96-1000

UNIT NO: CPS 75054 W.O. 3454

LOCATION: Gallegos CU #170

GROUND BED: DEPTH / FT 400'

DIA / INCH: 7 7/8'

ANODES: (15) 2 X 60 SHA-2's

CASING: DEPTH / FT 40'

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							
30							
35							
40							
45	Blue Sandstone						
50			1.1				
55			1.1				
60			1.0				
65			0.8				
70			2.7				
75			3.2				
80			2.8				
85			1.5				
90			1.1				
95	Shale & Sandstone		1.3				
100			1.1				
105			1.2				
110			1.3				
115			1.0				
120			1.0				
125			1.0				
130	(Water)		1.0				
135	Shale		1.0				
140			1.1				
145			1.1				
150			1.0				
155			1.0				
160			1.0				
165			0.9				
170			0.8				
175			0.8				
180			0.9				
185			1.0				
190			0.8				
195			0.3				
200			0.2				
205			0.3				
210	Shale		0.4				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215	Shale		2.6				
220			3.2				
225			3.1	15	225	3.1	6.0
230			3.4				
235			3.7				
240			3.3	14	240	3.4	7.1
245			3.5				
250			3.2	13	250	3.4	7.2
255			3.1				
260			3.1	12	260	3.2	6.8
265			3.5				
270			3.3	11	270	3.3	6.9
275			3.0				
280			3.0	10	280	3.1	6.5
285			2.9				
290			3.1	9	290	3.1	6.3
295			3.2				
300			2.3	8	300	3.0	6.1
305			2.7				
310	(Gas)		2.5	7	310	2.8	5.5
315			2.3				
320			2.3	6	320	2.4	5.0
325			2.4				
330			3.0	5	330	2.6	6.2
335			3.1				
340			2.6	4	340	3.0	6.7
345			3.0				
350			3.0	3	350	2.8	6.5
355			3.0				
360			2.9	2	360	3.0	7.1
365			2.9				
370			2.9	1	370	2.9	7.0
375			3.2				
380			2.6				
385			2.6				
390			2.6				
395			2.6				
400	Shale						