

30-045-10137

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

Operator El Paso Field Services Location: Unit H Sec. 34 Twp 32 Rng 11

Name of Well/Wells or Pipeline Served CALLOWAY Ls 2.

#71698

Elevation _____ Completion Date 9-3-97 Total Depth 400' Land Type * P

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

If Casing is cemented, show amounts & types used 23 Bags Zia Type 1 & 2

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

120-130 - 4 bags Zia Type 1 & 2

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

Fresh, Clear, Salty, Sulphur, Etc. Small Amount wtr flowing.
Driller notes 380'

Depths gas encountered: _____

Type & amount of coke breeze used: Loresco SW - 4600 lbs

Depths anodes placed: 180-375

Depths vent pipes placed: 380

Vent pipe perforations: 200'

Remarks: _____

RECEIVED
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

DATE: September 3, 1997

COMPANY: EPFS / Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC - 96 - 1000

UNIT NO: CPS # 71698, WO # 2964

Wellname - Calloway LS 2

GROUNDBED: DEPTH / FT 400'

DIA / INCH: 7 7/8"

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

CASING: DEPTH / FT 22'

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	Casing to 22'						
25	Shale						
30							
35							
40			3.8				
45			3.2				
50			3.6				
55			3.7				
60			3.2				
65			3.0				
70			2.8				
75			2.8				
80			22.7				
85			2.6				
90			2.4				
95			2.2				
100			1.4				
105			1.6				
110			1.2				
115			2.2				
120			2.9				
125			2.0				
130			1.7				
135			1.2				
140			1.7				
145			2.4				
150			2.4				
155			2.0				
160			2.0				
165			1.5				
170			1.5				
175			2.8				
180			2.9	15	180	2.9	6.6
185			2.8				
190			2.7	14	190	3.1	6.5
195			2.2				
200			1.2				
205			1.8				
210			2.5				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			2.8	13	215	3.3	7.2
220			3.0				
225			3.0	12	225	3.5	7.1
230			2.8				
235			2.4				
240	Sandstone & Clay		2.6	11	240	3.0	5.9
245			2.5				
250			2.0				
255			2.0				
260			2.2				
265			2.3	10	265	2.7	6.0
270			2.4				
275			2.3	9	275	2.3	5.9
280	Shale		1.9				
285			2.4	8	285	3.2	6.9
290			3.2				
295			3.0	7	295	3.1	7.4
300			3.4				
305			3.5	6	305	3.5	7.3
310			3.0				
315			2.4	5	315	2.4	5.9
320			2.0				
325			2.0				
330			1.8				
335			2.1				
340			2.3	4	340	2.3	5.2
345			1.8				
350			1.6				
355			3.0	3	355	3.3	6.7
360			3.1				
365			3.2	2	365	3.2	6.1
370			2.8				
375			2.9	1	375	2.9	5.4
380			2.4				
385			2.5				
390							
395							
400	Shale						