

30-045-22134

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

Operator EPFS. Location: Unit C Sec. 34 Twp 32 Rng 10

Name of Well/Wells or Pipeline Served KEPER GAS CO. 1.2

Elevation _____ Completion Date 9-19-97 Total Depth 320 Land Type * P

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

If Casing is cemented, show amounts & types used 60 SXS. Cementer inc.

If Cement or Bentonite Plugs have been placed, show depths & amounts used 135 To Surface

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

Fresh, Clear, Salty, Sulphur, Etc. Drilled with Water Believe gas
And water - 300-320.

Depths gas encountered: 300-320 -

Type & amount of coke breeze used: 3500 lbs Loresco

Depths anodes placed: 160-300

Depths vent pipes placed: 305 -

Vent pipe perforations: 145-160'

Remarks: _____

OH Sorrels

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OIL CON. DIV.
DIST. 3

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: September 19, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC-96-1000

UNIT NO: CPS 89511 WO 2967

LOCATION: Leeper Gas Com 1A

GROUND BED: DEPTH / FT 322'

DIA / INCH: 7 7/8"

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

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	Boulders						
30							
35							
40			0.1				
45			0.3				
50			0.4				
55			0.4				
60			0.5				
65			0.8				
70			1.1				
75	Sandstone		0.8				
80			0.6				
85			0.8				
90			1.3				
95			1.7				
100			1.8				
105			2.1				
110			2.0				
115			1.8				
120			1.9				
125			2.2				
130			2.1				
135			2.2				
140	Shale		2.2				
145			2.4				
150			2.2				
155			2.6				
160			3.0	15	160	4.2	6.3
165			2.6				
170			2.8	14	170	3.8	6.1
175			2.8				
180			2.8	13	180	3.8	6.0
185			2.8				
190			2.7	12	190	3.3	5.6
195			3.1				
200			2.9	11	200	3.3	5.2
205			2.6				
210			3.1	10	210	3.3	5.2

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			3.8				
220			3.6	9	220	3.5	5.4
225			2.9				
230			3.2	8	230	3.4	5.1
235			3.7				
240			3.2	7	240	3.2	5.0
245			2.8				
250			3.1	6	250	3.1	4.7
255			3.2				
260			3.3	5	260	3.4	5.2
265			3.3				
270			3.7	4	270	3.7	5.4
275			4.2				
280			3.5	3	280	3.7	5.8
285			3.7				
290	(H2O & Gas)		3.7	2	290	3.8	6.0
295			3.8				
300			3.8	1	300	3.8	6.1
305			3.3				
310			3.0				
315							
320							
325	Shale to 322'						