

30-045-22544

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 P Sec. 7 Twp 31 Rng 10

Name of Well/Wells or Pipeline Served Hutchins Ls 1A

Elevation _____ Completion Date 9-11-97 Total Depth 400 Land Type * _____

Casing, Sizes, Types & Depths 8" PVC 20'

If Casing is cemented, show amounts & types used 12 Bags Zira Type 1 EZ

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

Cementers inc. Pumped 80 Bags From 190' To Surface

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

Fresh, Clear, Salty, Sulphur, Etc. not at 200 - Clear-Salty

Depths gas encountered: 360

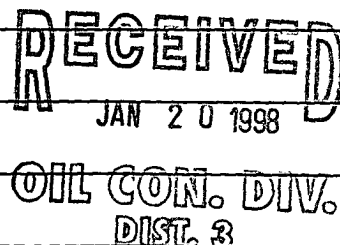
Type & amount of coke breeze used: Loresco Sw- 3900 lbs

Depths anodes placed: 225 - 365

Depths vent pipes placed: 370

Vent pipe perforations: 240

Remarks: _____



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 11, 1997

COMPANY: EPFS / Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC - 96 - 1000

UNIT NO: CPS # 90134, WO # 2969

Wellname - Hutchins LS 1A

GROUNDBED: DEPTH / FT 400'

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	Casing						
25	Blue Sandstone						
30							
35							
40			1.0				
45			1.9				
50			1.1				
55			1.0				
60			1.1				
65			1.2				
70			1.8				
75			1.8				
80	Shale		1.9				
85			2.1				
90			1.8				
95			1.3				
100			1.4				
105			1.5				
110			1.6				
115			1.4				
120			1.3				
125			1.5				
130	Sandstone		1.4				
135			1.4				
140			1.5				
145			1.7				
150			2.1				
155			2.0				
160	Wet Shale		2.0				
165			2.0				
170			1.8				
175			1.7				
180			1.8				
185			1.6				
190			1.6				
195			1.6				
200			2.0				
205			1.9				
210			2.0				

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			2.0				
220			1.9				
225			2.0	15	225	2.5	4.0
230			2.2				
235			2.0	14	235	2.8	4.5
240			2.4				
245			2.7	13	245	2.7	4.3
250			3.1				
255			2.7	12	255	2.7	4.1
260			2.1				
265			3.2	11	265	3.2	4.6
270			3.1				
275			2.6	10	275	2.7	4.2
280			2.5				
285			2.3	9	285	2.4	3.7
290			2.9				
295			3.0	8	295	3.0	4.3
300			2.7				
305			1.9	7	305	2.2	3.5
310			1.8				
315			1.9	6	315	1.8	3.3
320			1.9				
325			2.3	5	325	2.3	3.9
330	Sandstone		2.3				
335			2.2	4	335	2.1	3.9
340	Sandstone		2.1				
345			2.6	3	345	2.5	4.3
350	Shale		2.5				
355			2.5	2	355	2.6	4.5
360	Gas		2.5				
365			2.3	1	365	2.3	4.3
370			2.3				
375			2.9				
380			2.2				
385							
390							
395							
400	Shale						