

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3282
30-045-24172

Operator E.P.F.S. (Amoco) Location: Unit N Sec. 30 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served Gallegos Canyon Unit 187E

Elevation _____ Completion Date 11-5-97 Total Depth 420 Land Type * P

Casing, Sizes, Types & Depths 8 7/8 - P.V.C. 20

If Casing is cemented, show amounts & types used 4 SX ZIA 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. Drill with air start water injection @ 190

Depths gas encountered: _____

Type & amount of coke breeze used: Horesco SW

Depths anodes placed: 245 - 395

Depths vent pipes placed: 395

Vent pipe perforations: 160

Remarks: _____

D.H. Sauer

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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: November 5, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 93680 WO 3467

LOCATION: G.C.U. #187E

GROUND BED: DEPTH / FT 420'

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	Sandstone						
25							
30							
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145	Blue Sandstone						
150							
155			0.4				
160			0.4				
165			0.4				
170			0.4				
175			0.5				
180			0.5				
185			0.5				
190	(Wet)		0.5				
195			0.4				
200			0.4				
205			0.4				
210	Blue Sandstone		0.5				

JOB # TDMI350

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215	Blue Sandstone		0.4				
220			0.4				
225			0.2				
230			0.1				
235			0.1				
240			1.2				
245	Shale		2.0	15	245	2.0	5.8
250			2.4				
255			2.2	14	255	2.2	7.4
260			2.1				
265			1.9	13	265	2.0	6.6
270			1.3				
275			0.7				
280			0.7				
285			1.2				
290			0.5	12	290	1.5	5.3
295			1.5				
300			1.6				
305			1.6	11	304	1.5	5.8
310			1.6	10	312	1.6	5.5
315			1.3				
320			1.3				
325			1.3				
330			1.3				
335			1.4	9	333	1.3	4.8
340			1.6				
345			1.8	8	343	1.6	3.8
350			1.6	7	349	1.6	6.4
355			1.7	6	355	1.7	6.1
360			1.6				
365			1.4	5	363	1.6	6.0
370			1.3	4	371	1.3	5.3
375			1.5				
380			1.5	3	379	1.5	5.5
385			1.5	2	387	1.5	4.9
390			1.6				
395			1.5	1	395	1.5	5.1
400			1.6				
405			1.5				
410			1.9				
415							
420	Shale						

JOB # TDMI350