

30-045-24167

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

Operator ERFS Location: Unit P Sec. 22 Twp 29 Rng 12

Name of Well/Wells or Pipeline Served GALLAGOS CANYON UNIT 150E

Elevation _____ Completion Date 9-30-97 Total Depth 360 Land Type * ?

Casing, Sizes, Types & Depths 8 5/8 PVC 20'

If Casing is cemented, show amounts & types used 9 Bags Zin Type 1B2

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 water & mud - possible wet at 145

Depths gas encountered: -

Type & amount of coke breeze used: 10000 SW -

Depths anodes placed: 150-290

Depths vent pipes placed: 290

Vent pipe perforations: 140

Remarks: _____

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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 30, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: FC-96-1000

UNIT NO: CPS 9322I WO 346I

LOCATION: Gallegos Canyon #150E

GROUND BED: DEPTH / FT 360'

DIA / INCH: 7 7/8"

ANODES: (15) 2 x 60 Anotec 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	(Boulders)						
15							
20	Clay						
25							
30							
35							
40							
45			1.4				
50			1.2				
55	Shale		1.5				
60			2.0				
65			1.9				
70			1.9				
75			1.9				
80			2.1				
85			1.7				
90			2.0				
95			2.0				
100			1.6				
105			1.4				
110			1.3				
115			1.3				
120	Sandstone		1.0				
125			1.1				
130			1.1				
135			1.1				
140	(Wet)		1.1				
145			0.7				
150			1.2	15	150	1.4	5.0
155	Shale		2.0				
160			2.1	14	160	2.0	7.0
165			2.1				
170			1.8	13	170	1.8	8.2
175			2.0				
180			11.8	12	180	1.6	7.0
185			1.7				
190			1.3	11	190	1.3	6.3
195			1.8				
200			1.7	10	200	1.8	6.9
205			1.8				
210	Shale		1.7	9	208	1.7	7.0

THE LOFTIS COMPANY

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215	Shale		1.4	8	214	1.4	5.7
220			1.1	7	220	1.1	4.6
225			1.0				
230			0.8				
235			0.8				
240			0.7				
245			0.7				
250			0.7				
255			0.7				
260			0.9	6	260	1.0	3.6
265			1.3	5	266	1.3	4.3
270			1.1	4	272	1.0	3.8
275			0.9				
280			0.9	3	278	0.9	3.7
285			0.9	2	284	1.0	3.6
290			0.8	1	290	0.8	3.3
295			0.7				
300			0.7				
305			0.7				
310			0.7				
315			0.7				
320			0.7				
325			0.7				
330			0.7				
335			0.6				
340			0.5				
345			0.3				
350			0.4				
355							
360	Shale						