

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

30-045-22876

Operator EPFS Location: Unit RF Sec. 28 Twp 31 Rng 9

Name of Well/Wells or Pipeline Served Horton #1 mta #90225

Elevation 5 Completion Date 6-10-97 Total Depth 400 Land Type * NM 016746

Casing, Sizes, Types & Depths 8 7/8" PWC. 20'

If Casing is cemented, show amounts & types used 6 BAGS ZIA Type 1 E2

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. Damp @ 110-115' Wet at 190' 5' oil w/ R. in j

Depths gas encountered: —

Type & amount of coke breeze used: Loresco SW 5200 lbs

Depths anodes placed: 145 - 370

Depths vent pipes placed: 370

Vent pipe perforations: 240

Remarks: OK Farrell

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.

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CPS 90225

Addendum

Operator F.P.F.S. Location: Unit G Sec. 28 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced HORTON #1

Elevation _____ Completion Date 6-11-97 Total Depth 400 Land Type * NM-016746

Casing, Sizes, Types & Depths _____

If Casing is cemented, show amounts & types used _____

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

120 SACKS BY CONCRETE INC FROM 130'

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

Fresh, Clear, Salty, Sulphur, Etc. _____

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Depths gas encountered: _____

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DIST. 3

Type & amount of coke breeze used: _____

Depths anodes placed: _____

Depths vent pipes placed: _____

Vent pipe perforations: _____

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.

DEEP WELL GROUND BED DATA

DATE June 10, 1997COMPANY EPFS/AmocoCOUNTY San Juan STATE NMCONTRACT NO. EC-96-1000UNIT NO. 90225LOCATION Horton #1GROUNDBED: DEPTH 400 Ft., DIA. 7 7/8 In., ANODES (15) 2 x 60 SHA-2CASING: SIZE 8 In., DEPTH 20 Ft.

DEPTH FT.	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
5	Casing						
10	"						
15	"						
20	Sandstone						
25	"						
30	"						
35	"						
40	"						
45	"						
50	"						
55	"						
60	"						
65	"						
70	"						
75	"						
80	"						
85	"						
90	"						
95	"						
100	"		1.1				
105	"		1.3				
110	"		1.1				
115	"		0.8				
120	"		2.0				
125	Shale		2.7				
130	"		2.9				
135	"		2.6				
140	"		2.3				
145	"		2.0	15	145	2.0	5.7
150	"		2.6				
155	"		2.6	14	155	2.6	6.2
160	"		2.2				
165	"		2.2	13	165	2.2	5.6
170	"		1.8				
175	"		1.7				
180	"		1.5				
185	"		1.1				
190	"		0.8				
195	"		0.9				
200	"		1.1				
205	"		1.9	12	205	1.8	4.6
210	"		1.8				
215	"		1.9	11	215	1.8	4.5
220	"		1.0				
225	"		0.8				
230	"		0.8				
235	"		0.8				
240	Shale		0.5				

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OIL CON. DIV.
DIST. 2

COMPANY EPFS/AmocoDATE June 10, 1997LOCATION Horton #1UNIT NO. 90225

DEPTH Ft	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Shale		1.3				
250	"		2.2	10	250	2.2	5.5
255	"		2.5				
260	"		2.2	9	258	2.2	5.8
265	"		2.6	8	264	2.6	6.3
270	"		2.0	7	270	2.0	5.0
275	"		1.6				
280	"		1.6				
285	"		1.2				
290	"		1.1				
295	Sandstone		1.0				
300	"		0.8				
305	"		0.7				
310	"		0.7				
315	"		0.7				
320	"		0.9				
325	"		1.1				
330	"		0.9	6	328	1.9	4.6
335	"		1.2				
340	"		2.1				
345	"		2.0	5	344	1.9	4.9
350	Shale		2.1	4	350	2.1	5.2
355	"		2.1				
360	"		2.2	3	358	2.1	5.2
365	"		2.0	2	364	2.0	4.5
370	"		2.1	1	370	2.1	4.6
375	"		1.7				
380	"		1.8				
385	"		2.4				
390	"						
395	"						
400	Shale						
405							
410							
415							
420							
425							
430							
435							
440							
445							
450							
455							
460							
465							
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495							
500							
505							
510							