

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3318

API 30-045-22488

Operator EPFS Location: Unit D Sec. 22 Twp 31 Rng 9

Name of Well/Wells or Pipeline Served RIDDLE D 4s 4A # 89865

Elevation _____ Completion Date 4-7-97 Total Depth 400 Land Type *NM012647

Casing, Sizes, Types & Depths 8 7/8 - PVC 20'

If Casing is cemented, show amounts & types used 4 BAGS Zin 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. _____

RECEIVED
MAR - 2 1998

Depths gas encountered: _____

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: Acresco SW - 4200 lbs -

Depths anodes placed: 190 - 370

Depths vent pipes placed: 380 -

Vent pipe perforations: 200

Remarks: _____

W H Daniels

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 April 7, 1997COMPANY EPFS/AmocoCOUNTY San Juan STATE NMCONTRACT NO. FC-96-1000UNIT NO. 89865LOCATION Riddle "D" LS 4AGROUNDBED: DEPTH 400 Ft., DIA. 7 7/8 In., ANODES (10) 2 x 60 SHA-2CASING: SIZE 8 In., DEPTH 20 Ft.

DEPTH FT.	DRILLER'S LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10	"						
15	"						
20	Brown Sand						
25	"						
30	"						
35	"						
40	"		0.5				
45	"		0.7				
50	"		0.6				
55	"		0.6				
60	"		0.5				
65	"		0.6				
70	"		0.6				
75	"		0.7				
80	"		0.8				
85	"		0.8				
90	"		0.6				
95	"		0.6				
100	"		0.5				
105	"		0.8				
110	"		1.3				
115	"		1.0				
120	"		0.8				
125	"		0.7				
130	"		0.7				
135	"		0.7				
140	Blue Sandstone		0.6				
145	"		0.7				
150	"		1.0				
155	"		1.0				
160	"		0.8				
165	"		0.8				
170	"		0.7				
175	"		0.5				
180	"		0.3				
185	"		0.4				
190	Shale		2.1	10	190	2.1	4.4
195	"		1.9				
200	"		1.9				
205	"		1.9	9	205	1.9	4.4
210	"		2.1				
215	"		2.1	8	215	2.1	5.0
220	"		2.3				
225	"		2.3	7	225	2.3	5.3
230	"		2.4				
235	"		2.2	6	235	2.2	5.0
240	Shale		1.9				

COMPANY EPFS/Amoco DATE April 7, 1997
 LOCATION Riddle "D" LS 4A UNIT NO. 89865

DEPTH Ft	DRILLER'S LOG	RESISTIVITY OHMS AMPS		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Shale		1.7	5	245	1.7	3.7
250	"		1.2				
255	"		0.8				
260	"		0.9				
265	"		0.8				
270	"		0.9				
275	"		1.1				
280	"		0.7				
285	"		0.7				
290	"		0.7				
295	"		0.8				
300	"		0.4				
305	"		0.4				
310	"		1.0				
315	"		1.0				
320	Sandstone & Sandy Shale		1.1				
325	"		1.3	4	325	1.2	2.7
330	"		1.1				
335	"		0.7				
340	"		0.6				
345	"		1.1				
350	"		1.5	3	350	1.5	4.1
355	"		1.9				
360	"		1.8	2	360	1.8	4.5
365	"		1.6				
370	"		2.0	1	370	2.0	4.5
375	Shale		1.9				
380	"		1.9				
385	"						
390	"						
395	"						
400	Shale						
405							
410							
415							
420							
425							
430							
435							
440							
445							
450							
455							
460							
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