

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3314

API 30-045-08380

Operator EPFS Location: Unit NE Sec. 14 Twp 29 Rng 13

Name of Well/Wells or Pipeline Served Roberts G.C. B#1 #52901013

Elevation _____ Completion Date 4-10-97 Total Depth 385 Land Type * P

Casing, Sizes, Types & Depths 8 5/8" PVC 34'

If Casing is cemented, show amounts & types used 15 bags z/a 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. SOME water at 40'. Hit water at 150' 3-G.P.M.

Depths gas encountered: _____

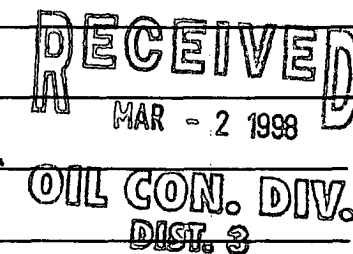
Type & amount of coke breeze used: 6000 SW 4500 lbs.

Depths anodes placed: 180' - 355

Depths vent pipes placed: 385'

Vent pipe perforations: 240'

Remarks: _____



Don Jon Hitt

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 10, 1997COMPANY EPFS/AmocoCOUNTY San JuanSTATE NMCONTRACT NO. FC-96-1000UNIT NO. 52901013LOCATION Roberts G. C. B#1GROUNDBED: DEPTH 400 Ft., DIA. 7 7/8 In., ANODES (15) 2 x 60 SHA-2CASING: SIZE 8 In., DEPTH 34 Ft.

DEPTH FT.	DRILLER'S LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10	"						
15	"						
20	"						
25	"						
30	"						
35	Blue Sand & Clay						
40	Shale		1.6				
45	"		2.0				
50	"		2.8				
55	"		1.8				
60	"		1.8				
65	"		1.6				
70	"		1.5				
75	"		2.0				
80	"		2.1				
85	"		1.5				
90	"		1.6				
95	"		1.9				
100	"		1.8				
105	"		1.9				
110	"		1.9				
115	"		2.0				
120	"		1.7				
125	"		1.5				
130	"		1.4				
135	"		1.8				
140	"		1.7				
145	"		1.7				
150	"		1.6				
155	"		1.5				
160	Sandstone & Sandy Shale		1.5				
165	"		1.6				
170	"		1.8				
175	"		1.9				
180	"		1.7	15	180	1.7	7.2
185	"		1.9				
190	"		1.9				
195	"		2.0				
200	"		1.7				
205	"		1.8	14	205	1.7	8.2
210	"		2.0				
215	"		1.7	13	215	1.8	8.6
220	"		1.9				
225	"		1.8	12	225	1.7	8.4
230	"		2.0				
235	"		1.9				
240	Sandstone & Sandy Shale		1.8	11	240	1.6	7.7

COMPANY EPFS/AmocoDATE April 10, 1997LOCATION Roberts G. C. B#1UNIT NO. 52901013

DEPTH FT	DRILLER'S LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
245	Hard Shale		2.5				
250	"		2.1				
255	"		1.7	10	255	1.7	7.4
260	"		1.7				
265	"		1.5	9	265	1.4	6.0
270	"		1.6				
275	"		1.5	8	275	1.3	6.1
280	"		1.4				
285	"		1.6				
290	"		1.7	7	290	1.8	6.7
295	"		1.6				
300	"		1.6	6	300	1.5	6.2
305	"		1.9				
310	"		1.9				
315	"		1.9	5	315	1.7	7.1
320	"		1.8				
325	"		1.7	4	325	1.6	6.7
330	"		1.5				
335	"		1.4	3	335	1.5	6.3
340	"		1.1				
345	"		1.3	2	345	1.3	5.6
350	Sandy Shale & Sandstone		1.2				
355	"		1.5	1	355	1.5	5.8
360	"		1.4				
365	"		1.0				
370	"		1.4				
375	"		2.0				
380	"		2.5				
385	"						
390	"						
395	"						
400	Sandy Shale & Sandstone						
405							
410							
415							
420							
425							
430							
435							
440							
445							
450							
455							
460							
465							
470							
475							
480							
485							
490							
495							
500							
505							
510							