

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

API 30-045-25 495

3309

Operator EPFS Location: Unit N Sec. 24 Twp 27 Rng 12Name of Well/Wells or Pipeline Served H B McGRADY B-1E #95193Elevation _____ Completion Date 3-12-97 Total Depth 360 Land Type * F 035634Casing, Sizes, Types & Depths 8 5/8 PVC 20'If Casing is cemented, show amounts & types used 5 bags - 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. _____

RECEIVED
MAR - 2 1998OIL CON. DIV.
DIST. 3

Depths gas encountered: _____

Type & amount of coke breeze used: 4300 lbs - Asbury Graphite 218RDepths anodes placed: 105 - 250Depths vent pipes placed: 260Vent pipe perforations: 140'Remarks: _____
C.H. Derricks

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 March 12, 1997COMPANY EPFS/AmocoCOUNTY San JuanSTATE NMCONTRACT NO. FC-96-1000UNIT NO. 95153 95193LOCATION H.B. McGrady B-1EGROUNDBED: DEPTH 360 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		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10	"						
15	"						
20	Sandstone						
25	"						
30	"						
35	"						
40	"						
45	"						
50	"		2.2				
55	"		3.6				
60	"		3.4				
65	"		2.9				
70	Shale		1.7				
75	"		1.2				
80	"		1.0				
85	"		1.0				
90	"		1.0				
95	"		1.3				
100	"		1.3				
105	"		2.0	15	105	2.0	4.9
110	"		2.0				
115	"		1.7	14	113	1.8	5.2
120	Sandstone & Clay		1.5	13	121	1.5	4.5
125	"		1.6				
130	"		1.6	12	129	1.5	4.6
135	"		1.8				
140	Shale		2.5	11	137	2.0	5.8
145	"		2.2	10	145	2.2	6.4
150	"		1.9				
155	"		1.9	9	155	2.0	6.0
160	"		2.1				
165	"		2.2	8	165	2.2	6.9
170	"		2.6				
175	"		2.4	7	175	2.4	7.0
180	"		2.0				
185	"		2.1	6	185	2.0	5.9
190	"		2.2				
195	"		2.0	5	185	2.0	6.0
200	"		1.5				
205	"		1.4	4	205	1.4	4.2
210	Sandstone		1.2				
215	"		0.8				
220	Shale		1.0				
225	"		1.9	3	225	1.9	5.5
230	"		1.7				
235	"		1.3				
240	Shale		1.4	2	240	1.3	4.0

COMPANY EPFS/Amoco

DATE March 12, 1997

LOCATION FC-96-1000

UNIT NO. 95153

DEPTH FT	DRILLER'S LOG	RESISTIVITY OHMS AMPS		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Shale		1.3				
250	"		1.3	1	250	1.3	4.0
255	"		1.1				
260	"		1.0				
265	"		1.0				
270	"		0.8				
275	"		1.0				
280	"		0.9				
285	"		0.9				
290	Sand		0.9				
295	"						
300	Shale						
305	"						
310	"						
315	"						
320	"						
325	"						
330	"						
335	"						
340	"						
345	"						
350	"						
355	"						
360	Shale						
365							
370							
375							
380							
385							
390							
395							
400							
405							
410							
415							
420							
425							
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480							
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490							
495							
500							
505							
510							