

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3320

API 30-045-10990

Operator EDFS, Location: Unit _____ Sec. 5 Twp 31 Rng 10

Name of Well/Wells or Pipeline Served McEwen Gas Com. #1 #70585

Elevation _____ Completion Date 3-31-97 Total Depth 325 Land Type * P

Casing, Sizes, Types & Depths 8 5/8" - P.V.C. 40'

If Casing is cemented, show amounts & types used 15 BAGS - ZIA Type 1 & 2

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

45 BAGS ZIA Type 1 & 2 - 150' TO SURFACE

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

Fresh, Clear, Salty, Sulphur, Etc. WATER @ 90 - FLOW 195-205

Depths gas encountered: _____

Type & amount of coke breeze used: Loresco SW 3600 lbs.

Depths anodes placed: 160 - 295

Depths vent pipes placed: 300

Vent pipe perforations: 160 All Vent

Remarks: Also Vent Perforated C155 - For Additional Water Flow

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MAR - 2 1998

OIL CON. DIV.
DIST. 3

H. Barrels

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 31, 1997COMPANY EPFS/AmocoCOUNTY San JuanSTATE NMCONTRACT NO. FC-96-1000UNIT NO. 70585LOCATION McEwen GC #1GROUNDBED: DEPTH 325 FT., DIA. 7 7/8 IN., ANODES (15) 2 x 60 SHA-2CASING: SIZE 8 IN., DEPTH 40 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	"						
40	Shale						
45	"						
50	"		3.4				
55	"		2.8				
60	"		2.9				
65	"		2.9				
70	"		2.7				
75	"		2.1				
80	"		2.0				
85	"		2.4				
90	"		4.0				
95	"		3.3				
100	"		3.0				
105	"		2.6				
110	"		3.0				
115	"		3.6				
120	"		3.1				
125	"		3.2				
130	"		3.5				
135	"		2.7				
140	"		2.8				
145	"		2.7				
150	"		2.2				
155	"		1.8				
160	"		1.8				
165	"		1.9				
170	Sandstone & Shale		1.9				
175	"		1.9				
180	"		2.0	15	180	1.9	3.5
185	"		1.9				
190	"		1.9	14	190	1.9	3.7
195	"		2.0				
200	"		2.3	13	198	2.1	4.2
205	Shale		3.0	12	206	3.1	5.3
210	"		3.1				
215	"		3.3	11	214	3.2	5.4
220	"		3.5	10	222	3.0	5.0
225	"		2.9				
230	"		3.6	9	230	3.6	5.6
235	"		3.1	8	238	2.7	4.7
240	Shale		2.5				

COMPANY EPFS/AmocoDATE March 31, 1997LOCATION McEwen GC #1UNIT NO. 70585

DEPTH Ft	DRILLER'S LOG	RESISTIVITY OHMS AMPS		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Shale		2.3	7	246	2.2	4.3
250	"		2.1				
255	"		1.9	6	254	1.9	4.1
260	"		1.9	5	261	2.0	4.4
265	"		2.9				
270	"		2.8	4	269	2.7	5.0
275	"		2.5	3	277	2.2	5.3
280	"		2.1				
285	"		1.9	2	285	1.9	5.1
290	"		1.6				
295	"		2.3	1	295	2.5	5.0
300	"		1.9				
305	"		1.9				
310	Sandstone		1.5				
315	"						
320	"						
325	Sandstone						
330							
335							
340							
345							
350							
355							
360							
365							
370							
375							
380							
385							
390							
395							
400							
405							
410							
415							
420							
425							
430							
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