

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

(Submit 3 copies to OCD Aztec Office)

3303

API 30-045-23798

Operator EPN EPFS Location: Unit NE Sec. 15 Twp 26 Rng 11

Name of Well/Wells or Pipeline Served RANDEL #6 # 93740

Elevation 7 Completion Date 3-10-97 Total Depth 400 Land Type * ?

Casing, Sizes, Types & Depths 2 7/8" - PVC 20'

If Casing is cemented, show amounts & types used 4 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 1998

OIL CON. DIV.
DIST. 3

Depths gas encountered: —

Type & amount of coke breeze used: APRISCO SW - 4500/lbs

Depths anodes placed: 175- 340'

Depths vent pipes placed: 340

Vent pipe perforations: 180

Remarks: Start wtr. in J @ 280

Arnell

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.

COMPANY EPFS/AmocoCOUNTY San JuanSTATE NMCONTRACT NO. FC-96-1000UNIT NO. 93740LOCATION Randel #6GROUNDBED: DEPTH 400 Ft., DIA. 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	Greenish Yellow Shale						
25	"						
30	"						
35	"						
40	"						
45	"						
50	"						
55	"						
60	"		2.0				
65	"		2.0				
70	Blue Shale		1.9				
75	"		1.6				
80	"		1.5				
85	"		1.5				
90	Blue Sandstone		1.1				
95	"		0.9				
100	"		0.9				
105	"		0.9				
110	"		1.2				
115	"		1.4				
120	"		1.5				
125	"		1.4				
130	"		1.4				
135	"		1.1				
140	"		1.1				
145	"		1.1				
150	"		1.5				
155	"		1.3				
160	Shale		1.6				
165	"		1.7				
170	"		1.5				
175	"		1.7	15	175	2.0	8.2
180	"		1.5				
185	"		1.9	14	185	2.0	8.0
190	"		2.0				
195	"		2.2	13	195	2.2	8.5
200	"		2.2				
205	"		1.5	12	205	1.8	7.8
210	"		1.6				
215	"		1.8	11	215	1.8	7.5
220	"		1.6				
225	"		1.6	10	225	1.7	6.4
230	"		1.1				
235	"		1.0				
240	Shale		0.9				

COMMITTEE EFTS/ANOCO

DATE March 10, 1997

LOCATION Randel #6

UNIT NO. 93740

DEPTH FT	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Sandstone		0.7				
250	"		0.8				
255	"		0.7				
260	Shale		0.7				
265	"		0.8				
270	"		0.9				
275	"		1.6	9	275	1.6	6.2
280	"		1.3				
285	"		2.2	8	284	2.2	7.1
290	"		1.9	7	292	1.9	8.2
295	"		1.9				
300	"		1.7	6	300	1.8	8.0
305	"		1.7				
310	"		1.6	5	308	1.9	7.4
315	"		1.8	4	316	1.8	6.9
320	"		1.6				
325	"		1.9	3	324	1.9	7.6
330	"		1.7	2	332	1.8	7.4
335	"		1.8				
340	"		2.0	1	340	2.0	7.1
345	"		1.3				
350	"		1.0				
355	"		0.8				
360	"		0.6				
365	"		1.3				
370	Sandstone		1.4				
375	"		1.8				
380	Shale		1.8				
385	"						
390	"						
395	"						
400	Shale						
405							
410							
415							
420							
425							
430							
435							
440							
445							
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