

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3321

API 30-045-10492

Operator ERFS Location: Unit _____ Sec. 19 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced BARRETT 45#1 # 70199

Elevation 6673 Completion Date 4-2-97 Total Depth 400 Land Type * 07E336 ^{JE}

Casing, Sizes, Types & Depths 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: 4600 lbs Horesco 20

Depths anodes placed: 198-566

Depths vent pipes placed: 380

Vent pipe perforations: 180

Remarks: _____

C H Farrell

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 2, 1997COMPANY EPFS/AmocoCOUNTY San Juan STATE NMCONTRACT NO. FC-96-1000UNIT NO. 70199LOCATION Barrett LS #1GROUNDBED: 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	Sandstone						
25	"						
30	"						
35	"						
40	"						
45	"						
50	"						
55	"						
60	Shale						
65	"						
70	"						
75	"						
80	Sandstone						
85	"						
90	"						
95	"						
100	"						
105	"						
110	Shale						
115	"						
120	"						
125	"						
130	"						
135	"						
140	"						
145	"						
150	Blue Sandstone		0.1				
155	"		0.1				
160	"		0.1				
165	"		0.1				
170	"		0.1				
175	"		0.1				
180	"		0.2				
185	"		0.2				
190	"		0.2				
195	"		1.2				
200	Shale		1.5	10	198	1.5	5.0
205	"		1.1	9	204	1.4	5.1
210	"		1.0	8	210	1.1	4.6
215	"		0.7				
220	Blue Sandstone		0.5				
225	"		0.14				
230	"		0.3				
235	"		0.2				
240	Blue Sandstone		0.2				

COMPANY EPFS/AmocoDATE April 2, 1997LOCATION Barrett LS #1UNIT NO. 70199

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DEPTH FT	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Blue Sandstone		0.3				
250	"		0.3				
255	"		0.3				
260	"		0.6				
265	"		1.1	7	267	0.9	2.8
270	Shale		1.2				
275	"		1.4	6	275	1.4	4.0
280	"		1.4	5	281	1.3	4.1
285	"		1.2	4	287	1.1	3.0
290	"		0.7				
295	"		0.2				
300	Blue Sandstone		0.1				
305	"		0.2				
310	"		0.2				
315	"		0.2				
320	"		0.4				
325	"		0.2				
330	"		0.5				
335	"		0.9	3	335	0.9	1.7
340	Shale		0.5				
345	"		0.4				
350	"		0.3				
355	Sandstone		0.4				
360	"		1.1	2	360	1.1	2.4
365	"		1.1	1	366	1.1	2.8
370	"		0.9				
375	"		1.1				
380	Sandy Shale						
385	"						
390	"						
395	"						
400	Sandy Shale						
405							
410							
415							
420							
425							
430							
435							
440							
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