

111-30-045-23362

1-30-045-09368

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator Amoco Prod. Co. Location: Unit Sec. 19 Twp 30 N Rng 20 W

Name of Well/Wells or Pipeline Serviced Florencia #111 ? Lindsey A LS #1

Elevation Completion Date 7/2/92 Total Depth 320 Land Type*

Casing, Sizes, Types & Depths None

RECEIVED

JUL 22 1992

If Casing is cemented, show amounts & types used

OIL CON. DIV. J
DIST. 3

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

coke breeze / cement mix (experimental) to TD

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

Fresh, Clear, Salty, Sulphur, Etc. 60'

Depths gas encountered: None

Type & amount of coke breeze used: Loresco SC3 Coke breeze / mixed w/ 20% cement

Depths anodes placed: 165', 175', 195', 205', 215', 225', 235', 245', 255', 285', 300', 310'

Depths vent pipes placed: to 315'

Vent pipe perforations: from TD to top anode - laser slotted

Remarks:

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.

THE LOFTIS COMPANY

DEEP WELL GROUND BED DATA P.O.#29BP00131 DATE February 2, 1992

COMPANY Amoco Production Company COUNTY San Juan STATE New Mexico

LOCATION Florance #111 & Lindsey A LS#1 UNIT NUMBER

GROUND BED: Depth 320Ft., Dia 6 1/2 In., Anodes (12) 2 x 60 Silicon Iron

CASING: Size In., Depth Ft. Center-Connected 20.2 A
11.75 V

DEPTH FT.	DRILLER'S LOG	RESISTIVITY OHMS AMPS		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
5	Top Soil						
10	Sand & Gravel						
15	"						
20	"						
25	"						
30	"						
35	"						
40	"						
45	"						
50	"						
55	"						
60	" (Water)		0.7				
65	Gray Shale		1.5				
70	"		1.7				
75	"		2.8				
80	"		3.3				
85	"		3.6				
90	"		3.1				
95	"		2.7				
100	"		2.2				
105	"		1.0				
110	Sandstone		0.8				
115	"		0.8				
120	"		0.9				
125	Gray Shale		1.0				
130	"		1.1				
135	"		1.4				
140	"		2.3				
145	"		2.3				
150	"		2.0				
155	"		1.3				
160	"		1.3				
165	"		3.3	12		3.3	4.0
170	"		2.6				
175	Brown Shale		3.5	11		3.5	4.6
180	"		3.7				
185	"		4.0				
190	"		3.3				
195	"		3.5	10		3.3	4.2
200	"		3.5				
205	"		3.5	9		3.0	3.8
210	"		3.2				
215	"		3.2	8		3.2	4.1
220	"		3.6				
225	"		3.0	7		3.2	4.1
230	"		3.2				
235	"		3.1	6		3.5	4.6
240	Brown Shale		3.3				

COMPANY Amoco Production CompanyDATE February 2, 1992LOCATION Florance #111 & Lindsey A LS#1

UNIT NUMBER _____

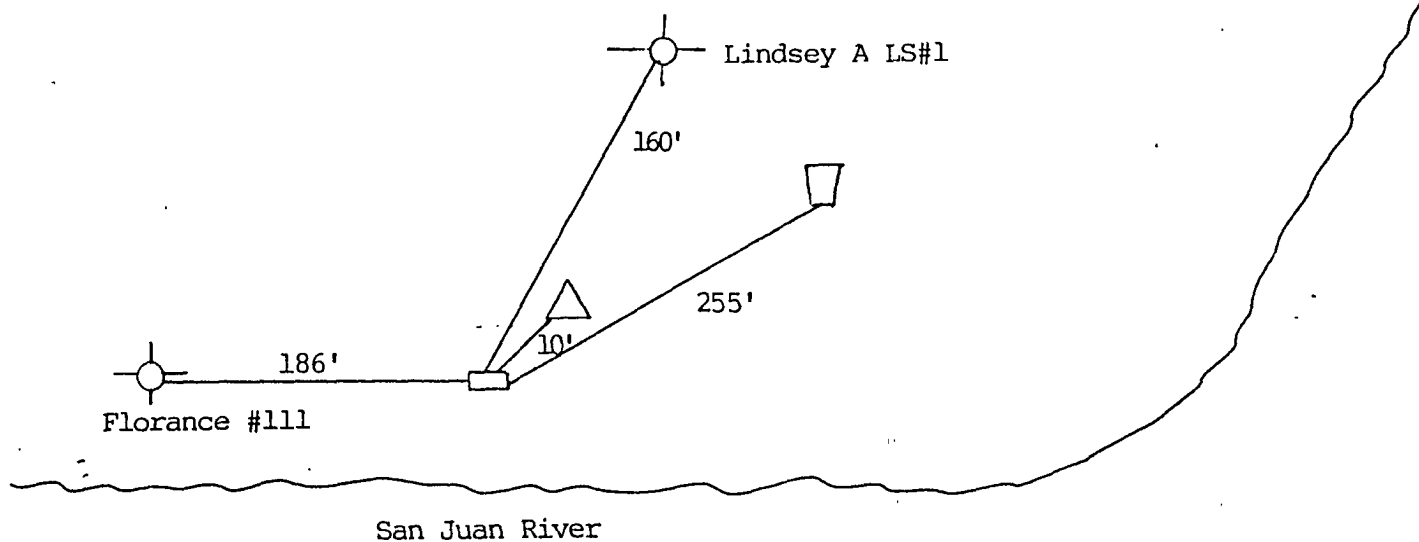
DEPTH FT.	DRILLER'S LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
245	Brown Shale		2.9	5		3.2	4.2
250	Gray Shale		2.5				
255	"		2.1	4		2.9	4.0
260	"		1.7				
265	"		1.4				
270	"		1.3				
275	"		1.3				
280	"		1.4				
285	"		1.5				
290	Brown Shale		2.8	3		2.9	3.6
295	"		2.8				
300	"		2.8	2		3.0	3.6
305	"		3.2				
310	"		3.0	1		3.0	3.8
315	"		2.9				
320	Brown Shale		3.0				
325							
330							
335							
340							
345							
350							
355							
360							
365							
370							
375							
380							
385							
390							
395							
400							
405							
410							
415							
420							
425							
430							
435							
440							
445							
450							
455							
460							
465							
470							
475							
480							
485							
490							
495							
500							
505							
510							



THE LOFTIS COMPANY

P. O. BOX 7847
MIDLAND, TEXAS 79108

AS-BUILT
(Revised)



LEGEND

-  Rectifier
-  G.B.
-  J-Box
-  Well
-  Conv. G.B.
-  Meter Pole

Loresco SC3
Completion: Coke Breeze/Cement Mix
(12) 2 x 60 Anotec 2660
Silicon Iron Center-Connected Anodes

LOCATION: Lindsey A LS#1 & Florance #111
San Juan County
S-19, T-30N, R-8W

CLIENT: Amoco Production Company

PROJECT: Cathodic Protection System
P.O. #29BP00131

DATE COMPLETED: 2/92

NOT TO SCALE

DATE DRILLED: 02/02/92

DRAWN BY: GS/MI

APPROVED BY: MFL

DRAWING NO.:

16

M1100