

30-045-07913

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. 27 Twp 29N Rng 13W

Name of Well/Wells or Pipeline Serviced Callow A-1

Elevation \_\_\_\_\_ Completion Date 3/15/92 Total Depth 320' Land Type\* \_\_\_\_\_

Casing, Sizes, Types & Depths 5 1/2" - 6", Depth 70'

**RECEIVED**

JUL 22 1992

If Casing is cemented, show amounts & types used \_\_\_\_\_

**OIL CON. DIV.]**  
**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. \_\_\_\_\_

Depths gas encountered: None

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

Depths anodes placed: 195, 205, 215, 225, 235, 245, 255, 265, 275, 285, 295, 305'

Depths vent pipes placed: to 310'

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 March 15, 1992

COMPANY Amoco Production Company

COUNTY San Juan

STATE New Mexico

LOCATION Callow A-1

UNIT NUMBER Location #2

GROUNDBED: Depth 320 Ft., Dia. 6½ In., Anodes (12) 2 x 60 Silicon Iron

CASING: Size 6 In., Depth 70 Ft. Center-Connected

11.54 V

22.2 A

| DEPTH<br>FT. | DRILLER'S LOG | RESISTIVITY<br>OHMS AMPS |        | ANODE<br>NUMBER | DEPTH TO<br>ANODE TOP | BEFORE<br>COKE | AFTER<br>COKE |
|--------------|---------------|--------------------------|--------|-----------------|-----------------------|----------------|---------------|
| 5            | Casing        |                          |        |                 |                       |                |               |
| 10           | "             |                          |        |                 |                       |                |               |
| 15           | "             |                          |        |                 |                       |                |               |
| 20           | "             |                          |        |                 |                       |                |               |
| 25           | "             |                          |        |                 |                       |                |               |
| 30           | "             |                          |        |                 |                       |                |               |
| 35           | "             |                          |        |                 |                       |                |               |
| 40           | "             |                          |        |                 |                       |                |               |
| 45           | "             |                          |        |                 |                       |                |               |
| 50           | "             |                          |        |                 |                       |                |               |
| 55           | "             |                          |        |                 |                       |                |               |
| 60           | "             |                          |        |                 |                       |                |               |
| 65           | "             |                          |        |                 |                       |                |               |
| 70           | "             |                          |        |                 |                       |                |               |
| 75           | Gray Shale    |                          |        |                 |                       |                |               |
| 80           | "             |                          |        |                 |                       |                |               |
| 85           | "             |                          |        |                 |                       |                |               |
| 90           | "             |                          |        |                 |                       |                |               |
| 95           | "             |                          |        |                 |                       |                |               |
| 100          | "             |                          |        |                 |                       |                |               |
| 105          | "             |                          |        |                 |                       |                |               |
| 110          | "             |                          |        |                 |                       |                |               |
| 115          | "             |                          |        |                 |                       |                |               |
| 120          | "             |                          |        |                 |                       |                |               |
| 125          | "             |                          |        |                 |                       |                |               |
| 130          | "             |                          |        |                 |                       |                |               |
| 135          | "             |                          |        |                 |                       |                |               |
| 140          | "             |                          |        |                 |                       |                |               |
| 145          | "             |                          |        |                 |                       |                |               |
| 150          | "             |                          |        |                 |                       |                |               |
| 155          | "             |                          |        |                 |                       |                |               |
| 160          | "             |                          |        |                 |                       |                |               |
| 165          | "             |                          |        |                 |                       |                |               |
| 170          | "             |                          |        |                 |                       |                |               |
| 175          | "             |                          |        |                 |                       |                |               |
| 180          | "             |                          |        |                 |                       |                |               |
| 185          | "             |                          |        |                 |                       |                |               |
| 190          | "             |                          |        |                 |                       |                |               |
| 195          | "             |                          | No Log | 12              |                       | No Log         | 4.2           |
| 200          | "             |                          |        |                 |                       |                |               |
| 205          | "             |                          |        | 11              |                       |                | 4.8           |
| 210          | "             |                          |        |                 |                       |                |               |
| 215          | "             |                          |        | 10              |                       |                | 4.6           |
| 220          | "             |                          |        |                 |                       |                |               |
| 225          | "             |                          |        | 9               |                       |                | 4.6           |
| 230          | "             |                          |        |                 |                       |                |               |
| 235          | "             |                          |        | 8               |                       |                | 4.6           |
| 240          |               |                          |        |                 |                       |                |               |

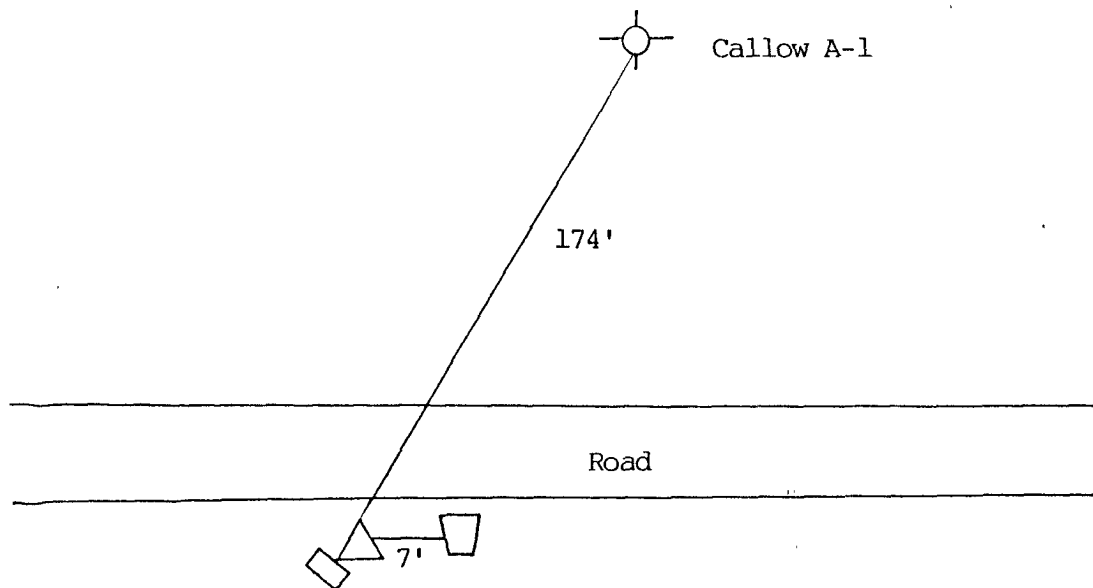
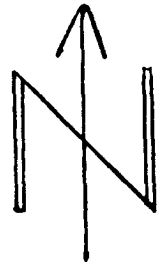
| DEPTH<br>FT. | DRILLER'S LOG | RESISTIVITY |        | ANODE<br>NUMBER | DEPTH TO<br>ANODE TOP | BEFORE<br>COKE | AFTER<br>COKE |
|--------------|---------------|-------------|--------|-----------------|-----------------------|----------------|---------------|
|              |               | OHMS        | AMPS   |                 |                       |                |               |
| 245          | Gray Shale    |             | No Log | 7               |                       | No Log         | 4.4           |
| 250          | "             |             |        |                 |                       |                |               |
| 255          | "             |             |        | 6               |                       |                | 1.9           |
| 260          | "             |             |        |                 |                       |                |               |
| 265          | "             |             |        | 5               |                       |                | 3.4           |
| 270          | "             |             |        |                 |                       |                |               |
| 275          | "             |             |        | 4               |                       |                | 1.3           |
| 280          | "             |             |        |                 |                       |                |               |
| 285          | "             |             |        | 3               |                       |                | 2.3           |
| 290          | "             |             |        |                 |                       |                |               |
| 295          | "             |             |        | 2               |                       |                | 2.9           |
| 300          | "             |             |        |                 |                       |                |               |
| 305          | "             |             |        | 1               |                       |                | 3.9           |
| 310          | "             |             |        |                 |                       |                |               |
| 315          | "             |             |        |                 |                       |                |               |
| 320          | Gray Shale    |             |        |                 |                       |                |               |
| 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 79708

AS-BUILT



**LEGEND**

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

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

**LOCATION:** Callow A-1  
San Juan County  
T-29N, R-13W, S-27

**CLIENT:** Amoco Production Company

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

**DATE COMPLETED:** 03/92

**NOT TO SCALE**

**DATE DRILLED:** 03/15/92

**DRAWN BY:** GS/MI

**APPROVED BY:** MFL

**DRAWING NO.:**

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