

231-30-039-21829

94-30-039-06537

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

(Submit 3 copies to OCD Aztec Office)

93-30-039-06539

Operator UNOCAL Location: Unit      Sec. 12 Twp 26 Rng 7

Name of Well/Wells or Pipeline Serviced Rincon Unit No. 231 DK, 94 PC, 93 PC,  
269 FC.

Elevation 6516' Completion Date 7-27-90 Total Depth 300' Land Type\* F

Casing, Sizes, Types & Depths NONE

If Casing is cemented, show amounts & types used NONE

If Cement or Bentonite Plugs have been placed, show depths & amounts used  
NONE

Depths & thickness of water zones with description of water when possible:  
Fresh, Clear, Salty, Sulphur, Etc. first meter at 110' depth, damp, less than  
5' thick fresh.

Depths gas encountered: NONE

Type & amount of coke breeze used: 300 FT, deep, carbo 60=99.9% Carbon, Approx. 1500lb

Depths anodes placed: 240', 250', 260', 270', 280', 290'

Depths vent pipes placed: 0 to 300 FT

Vent pipe perforations: Laser cut slots (all vent) 110' to 300'

Remarks: 1st ground bed installed at this location.

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.

RECEIVED

JAN 30 1991

OIL CON. DIV.

DIST. 3

COMPANY Unocal JOB No. 751-00084 DATE: 7-27-90  
 WELL: Rincon Unit No 231 PIPELINE: \_\_\_\_\_  
 LOCATION: SEC. 12 TWP. 26 RGE. 7 CO. Rio Arriba STATE NM  
 ELEV. \_\_\_\_\_ FT: ROTARY 300 FT: CABLE TOOL \_\_\_\_\_ FT: CASING Carbo 60 FT  
 GROUND BED: DEPTH 300' FT. DIA. 6" IN. GAS 1500 LBS. ANODES Lidg 6 ea ST 1.6/50

| DEPTH, FT. | DRILLER'S LOG                                    | EXPLORING ANODE TO STRUCTURE |   |   | NO COKE | WITH COKE | ANODE NO. | DEPTH, TOP OF ANODES |
|------------|--------------------------------------------------|------------------------------|---|---|---------|-----------|-----------|----------------------|
|            |                                                  | E                            | I | R |         |           |           |                      |
| 0-35'      | Brown sand + soft shale                          |                              |   |   |         |           |           |                      |
| 60'        | Frist water 110' damp, 35'-60' Brown sand & clay |                              |   |   |         |           |           |                      |
| 100'       | Brown Sandstone                                  |                              |   |   |         |           |           |                      |
| 5'         |                                                  |                              |   |   |         |           |           |                      |
| 110'       | All Vent pipe                                    |                              |   |   |         |           |           |                      |
| 15'        |                                                  |                              |   |   |         |           |           |                      |
| 120'       | Grey Shale                                       |                              |   |   |         |           |           |                      |
| 125'       |                                                  |                              |   |   |         |           |           |                      |
| 130'       | Brown + Grey sandstone w/ little shale           |                              |   |   |         |           |           |                      |
| 35'        |                                                  |                              |   |   |         |           |           |                      |
| 40'        |                                                  |                              |   |   |         |           |           |                      |
| 45'        |                                                  |                              |   |   |         |           |           |                      |
| 50'        |                                                  |                              |   |   |         |           |           |                      |
| 55'        |                                                  |                              |   |   |         |           |           |                      |
| 60'        |                                                  |                              |   |   |         |           |           |                      |
| 65'        |                                                  |                              |   |   |         |           |           |                      |
| 70'        |                                                  |                              |   |   |         |           |           |                      |
| 75'        |                                                  |                              |   |   |         |           |           |                      |
| 80'        |                                                  |                              |   |   |         |           |           |                      |
| 85'        |                                                  |                              |   |   |         |           |           |                      |
| 90'        |                                                  |                              |   |   |         |           |           |                      |
| 95'        |                                                  |                              |   |   |         |           |           |                      |
| 200'       |                                                  |                              |   |   |         |           |           |                      |
| 5'         |                                                  |                              |   |   |         |           |           |                      |
| 10'        |                                                  |                              |   |   |         |           |           |                      |
| 15'        |                                                  |                              |   |   |         |           |           |                      |
| 20'        |                                                  |                              |   |   |         |           |           |                      |
| 25'        |                                                  |                              |   |   |         |           |           |                      |
| 230'       |                                                  |                              |   |   |         |           |           |                      |
| 233'       | Dark Grey + Grey Hard Shale                      |                              |   |   |         |           |           |                      |
| 40'        |                                                  |                              |   |   |         |           |           | 6' 240               |
| 45'        |                                                  |                              |   |   |         |           |           |                      |
| 50'        |                                                  |                              |   |   |         |           |           | 5' 250               |
| 55'        |                                                  |                              |   |   |         |           |           |                      |
| 60'        |                                                  |                              |   |   |         |           |           | 4' 260               |
| 65'        |                                                  |                              |   |   |         |           |           |                      |
| 70'        |                                                  |                              |   |   |         |           |           | 3' 270               |
| 75'        |                                                  |                              |   |   |         |           |           |                      |
| 80'        |                                                  |                              |   |   |         |           |           | 2' 280               |
| 85'        |                                                  |                              |   |   |         |           |           |                      |
| 90'        |                                                  |                              |   |   |         |           |           | 1' 290               |
| 95'        |                                                  |                              |   |   |         |           |           |                      |
| 300'       | T & D                                            |                              |   |   |         |           |           |                      |
| 5'         |                                                  |                              |   |   |         |           |           |                      |

GROUND BED RESISTANCE: (1) VOLTS 12.73 - AMPS 6.2 - 2.05 OHMS

(2) VIBROGROUND \_\_\_\_\_ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY

**MU-1E DRILLING, INC.**

DAY Friday

|         |        |                     |                      |
|---------|--------|---------------------|----------------------|
| DRILLER | W.B.R. | LEFT TOWN (6:00)    | ARRIVED FIELD (7:30) |
| HELPER  | W.B.   | LEFT FIELD          | ARRIVED TOWN         |
| HELPER  | W.B.   | TOTAL FOOTAGE TODAY |                      |

RIG NO. \_\_\_\_\_ DATE 9-22-90 CLIENT unsub-cad

BEGIN WORK ON HOLE NO. 8-1000-131 AT \_\_\_\_\_ FEET

BEGIN WORK ON HOLE NO. \_\_\_\_\_ AT \_\_\_\_\_ FEET

[illegible]

| BIT RECORD           |                     |          |
|----------------------|---------------------|----------|
| SIZE & MAKE          | SERIAL NO.          | FOOTAGE  |
| 150P                 | 5-75" Special (new) |          |
|                      |                     |          |
|                      |                     |          |
| CIRCULATION MATERIAL |                     |          |
| QUAN.                | UNIT                | MATERIAL |
|                      |                     |          |
|                      |                     |          |

NO. OF LOADS OF WATER 1 SOURCE Truck by Camp.

san juan repr farm,nm Form 219.6



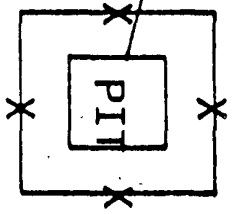
ROAD

-DC TO 93

-DC TO 231



DRIP



GAS WELL

-DC TO 94

RECT. (98)

RINCON 231 DK

REMARKS

RINCON UNIT # 94 PC

SW/SW SEC 12 T26NR7W NMPM

METER NO. 71789

DATE: 03/01/89

SF-079160

BURIED DC  
CABLE IN MIDDLE  
OF ROAD

RECTIFIER, GROUND  
BEYOND METER POLE

