

## DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

130E -30-039-25183

5-30-039-06768

Operator UNOCAL, Oil & Gas Division Location: Unit P Sec. 32 Twp 27N Rng 6WName of Well/Wells or Pipeline Serviced Rincon Unit #130E, Rincon Unit #5Elevation 6681 GR Completion Date 12-22-92 Total Depth 300' Land Type\* SCasing, Sizes, Types & Depths N O N EIf Casing is cemented, show amounts & types used N O N EIf Cement or Bentonite Plugs have been placed, show depths & amounts used 750 lbs. Enviro plug coarse ships (0' - 50')Depths & thickness of water zones with description of water when possible: Fresh, Clear,  
Salty, Sulphur, Etc. 160' TO 170' 10' Thick, No description availableDepths gas encountered: N O N EType & amount of coke breeze used: 2500 lbs. SW<sup>n</sup> Petroleum cokeDepths anodes placed: 152', 160', 167', 174', 181', 189', 195', 201', 210', 215'Depths vent pipes placed: 0' - 300'Vent pipe perforations: 1/8" diameter holes at 140' to 300'Remarks: First 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 25 1993

OIL CON. DIV  
DIST 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

STAMPS IN TRIPLICATE  
(Other instructions on re-  
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                                                                 |                                                                    |                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                |                                                                    | 5. LEASE DESIGNATION AND SERIAL NO<br>6290 - 2B                                 |
| 2. NAME OF OPERATOR<br>Union Oil Company of California dba UNOCAL                                                                                                                                               |                                                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>N/A                                     |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 850, Bloomfield, New Mexico 87413                                                                                                                                            |                                                                    | 7. UNIT AGREEMENT NAME<br>Rincon Unit                                           |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>Rincon 130 E - 955' FSL + 815' FEL<br>Rincon 5 - 990' FSL + 990' FEL |                                                                    | 8. FARM OR LEASE NAME<br>Rincon Unit                                            |
| 14. PERMIT NO                                                                                                                                                                                                   | 15. ELEVATIONS (Show whether DF, RT, OR, etc.)<br>6681 GR, 6674 GR | 9. WELL NO.<br>130 E, 5                                                         |
|                                                                                                                                                                                                                 |                                                                    | 10. FIELD AND POOL, OR WILDCAT<br>S. Blanco Tocito<br>Basin Dakota, Blanco S-PC |
|                                                                                                                                                                                                                 |                                                                    | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec 32, T27N, R6W           |
|                                                                                                                                                                                                                 |                                                                    | 12. COUNTY OR PARISH<br>Rio Arriba                                              |
|                                                                                                                                                                                                                 |                                                                    | 13. STATE<br>NM                                                                 |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO                       |                                               | SUBSEQUENT REPORT OF:                          |                                          |
|----------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANE <input type="checkbox"/>         | (Other) <input type="checkbox"/>               | (Other) <input type="checkbox"/>         |

(Other) Install Cathodic Protection

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS\* (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed installation of Cathodic Protection to well casing:

PROCEDURE: Drill a 6' diameter hole, 300' deep within the existing well location boundary. Ten Dur-Iron anodes will be installed below the uppermost water bearing formation in favorable locations. This will be backfield with coke breeze (99.5% carbon) to completely surround the anodes. A 50' plug of bentonite will be installed on top of the coke breeze.

A DC rectifier will be installed on existing well location and a buried DC positive cable will be connected to the anode from the rectifier. Negative DC cables from the rectifier will also be buried and connected to well casings to be protected. These cables will be buried 18" to 24" deep (on previously disturbed ground) in existing roads and locations. See attached map.

UNOCAL's completion expectation is July 1, 1993.

ACCEPTED FOR RECORD  
FARMINGTON RESOURCE AREA

OCT 14 1992

FARMINGTON, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

BY

SIGNED

*Donald E. Antine*

TITLE (Temp.) Production Tech

DATE

9/21/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

OPERATOR

CITY: **RI**WELL NAME: **Rincon 130E**LOCATION: DATE: **12-22-92**TOTAL VOLTS: **14.6**TOTAL AMP: **136**OHMS RESISTANCE: **1.07**

|      |           |           |      |           |           |      |           |           |      |           |           | ANODE HEADINGS |       |         |           |
|------|-----------|-----------|------|-----------|-----------|------|-----------|-----------|------|-----------|-----------|----------------|-------|---------|-----------|
| DEEP | 100 ANODE | ANODE NO. | DEEP | LOG ANODE | ANODE NO. | DEEP | LOG ANODE | ANODE NO. | DEEP | 100 ANODE | ANODE NO. | NO.            | DEPTH | NO COKE | WITH COKE |
| 5    |           |           | 105  | 1.6       |           | 365  |           |           | 545  |           |           | 1              | 215   | 1.3     | 2.2       |
| 10   |           |           | 190  | 1.6       |           | 370  |           |           | 550  |           |           | 2              | 210   | 1.4     | 2.6       |
| 15   |           |           | 195  | 1.7       |           | 375  |           |           | 555  |           |           | 3              | 201   | 1.7     | 4.8       |
| 20   |           |           | 200  | 1.6       |           | 380  |           |           | 560  |           |           | 4              | 195   | 1.8     | 5.0       |
| 25   |           |           | 205  | .9        |           | 385  |           |           | 565  |           |           | 5              | 189   | 1.7     | 4.0       |
| 30   |           |           | 210  | 1.3       |           | 390  |           |           | 570  |           |           | 6              | 181   | 1.5     | 3.5       |
| 35   |           |           | 215  | 1.2       |           | 395  |           |           | 575  |           |           | 7              | 174   | 1.2     | 4.1       |
| 40   |           |           | 220  | .8        |           | 400  |           |           | 580  |           |           | 8              | 167   | 1.6     | 3.7       |
| 45   |           |           | 225  | .7        |           | 405  |           |           | 585  |           |           | 9              | 160   | 1.7     | 4.0       |
| 50   |           |           | 230  | .7        |           | 410  |           |           | 590  |           |           | 10             | 152   | 1.3     | 2.8       |
| 55   |           |           | 235  | .6        |           | 415  |           |           | 595  |           |           |                |       |         |           |
| 60   |           |           | 240  | .7        |           | 420  |           |           | 600  |           |           |                |       |         |           |
| 65   |           |           | 245  | .5        |           | 425  |           |           | 605  |           |           |                |       |         |           |
| 70   |           |           | 250  | .5        |           | 430  |           |           | 610  |           |           |                |       |         |           |
| 75   |           |           | 255  | .3        |           | 435  |           |           | 615  |           |           |                |       |         |           |
| 80   |           |           | 260  | .3        |           | 440  |           |           | 620  |           |           |                |       |         |           |
| 85   |           |           | 265  | .6        |           | 445  |           |           | 625  |           |           |                |       |         |           |
| 90   |           |           | 270  | .6        |           | 450  |           |           | 630  |           |           |                |       |         |           |
| 95   |           |           | 275  | .7        |           | 455  |           |           | 635  |           |           |                |       |         |           |
| 100  |           |           | 280  | .6        |           | 460  |           |           | 640  |           |           |                |       |         |           |
| 105  |           |           | 285  | .6        |           | 465  |           |           | 645  |           |           |                |       |         |           |
| 110  |           |           | 290  | 1.4       |           | 470  |           |           | 650  |           |           |                |       |         |           |
| 115  |           |           | 295  |           |           | 475  |           |           | 655  |           |           |                |       |         |           |
| 120  |           |           | 300  |           |           | 480  |           |           | 660  |           |           |                |       |         |           |
| 125  | .8        |           | 305  |           |           | 485  |           |           | 665  |           |           |                |       |         |           |
| 130  | .8        |           | 310  |           |           | 490  |           |           | 670  |           |           |                |       |         |           |
| 135  | .9        |           | 315  |           |           | 495  |           |           | 675  |           |           |                |       |         |           |
| 140  | 1.1       |           | 320  |           |           | 500  |           |           | 680  |           |           |                |       |         |           |
| 145  | .9        |           | 325  |           |           | 505  |           |           | 685  |           |           |                |       |         |           |
| 150  | 1.1       |           | 330  |           |           | 510  |           |           | 690  |           |           |                |       |         |           |
| 155  | 1.3       |           | 335  |           |           | 515  |           |           | 695  |           |           |                |       |         |           |
| 160  | 1.5       |           | 340  |           |           | 520  |           |           | 700  |           |           |                |       |         |           |
| 165  | 1.4       |           | 345  |           |           | 525  |           |           | 705  |           |           |                |       |         |           |
| 170  | 1.4       |           | 350  |           |           | 530  |           |           | 710  |           |           |                |       |         |           |
| 175  | 1.5       |           | 355  |           |           | 535  |           |           | 715  |           |           |                |       |         |           |
| 180  | 1.2       |           | 360  |           |           | 540  |           |           | 720  |           |           |                |       |         |           |

REMARKS:

Well Name RINCON 130-E Q S T R  
Company Name UNICAL

|                          |      |      |             |                       |     |     |                       |     |     |
|--------------------------|------|------|-------------|-----------------------|-----|-----|-----------------------|-----|-----|
| Anode Depth              |      |      |             |                       |     |     |                       |     |     |
| E1                       | 01   | 02   | 04          | 06                    | 08  | 07  | 08                    | 09  | 010 |
| Anode Output (Amps)      |      |      |             |                       |     |     |                       |     |     |
| E1                       | 01   | 02   | 04          | 06                    | 08  | 07  | 08                    | 09  | 010 |
| Anode Depth              |      |      |             |                       |     |     |                       |     |     |
| E1                       | 011  | 012  | 014         | 016                   | 018 | 017 | 018                   | 019 | 020 |
| Anode Output (Amps)      |      |      |             |                       |     |     |                       |     |     |
| E1                       | 011  | 012  | 014         | 016                   | 018 | 017 | 018                   | 019 | 020 |
| Total Circuit Resistance |      |      |             |                       |     |     |                       |     |     |
| Volt                     | Amps | Ohms | Coke Breeds | No. 8 C.P. Cable Used |     |     | No. 2 C.P. Cable Used |     |     |

**All Construction Completed**

All Construction Completed  
 \_\_\_\_\_  
 Signature  
 12/16/92  
 Date

### GROUND BED LAYOUT SKETCH

Remarks:

N