

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

Operator UNOCAL, Oil & Gas Division Location: Unit J Sec. 2 Twp 26N Rng 7W

Name of Well/Wells or Pipeline Served Rincon Unit 201E, Rincon Unit 56

201E-30-039-25174 56-30-039-06678

Elevation 6663 GR Completion Date 11-08-92 Total Depth 400' Land Type\* S

Casing, Sizes, Types & Depths N O N E

If Casing is cemented, show amounts & types used N O N E

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

750 lbs. Enviro plug coarse chips (0' - 50')

Depths & thickness of water zones with description of water when possible: Fresh, Clear,  
Salty, Sulphur, Etc. N O N E

Depths gas encountered: N O N E

Type & amount of coke breeze used: 2500 lbs. SWB Petroleum Coke

Depths anodes placed: 71', 78', 85', 119', 125', 132', 162', 169', 175', 205'

Depths vent pipes placed: 0' to 400'

Vent pipe perforations: 1/8" diameter holes, 60' to 400'

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-039-25174                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>E-291-3                                                             |
| 7. Lease Name or Unit Agreement Name<br>Rincon Unit                                                 |
| 8. Well No.<br>201E, 56                                                                             |
| 9. Pool name or Wildcat<br>Largo Gallup, Basin Dakota                                               |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.)                                                  |

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"  
(FORM C-101) FOR SUCH PROPOSALS.)

|                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Cathodic Protection                                              |
| 2. Name of Operator<br>Union Oil Company of California dba UNOCAL                                                                                              |
| 3. Address of Operator<br>P.O. Box 850, Bloomfield, New Mexico 87413                                                                                           |
| 4. Well Location<br>Unit Letter J : 1765 Feet From The South Line and 1705 Feet From The East Line<br>Section 2 Township 26 N Range 7 W NMPM Rio Arriba County |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.)                                                                                                             |

|                                                                               |                                                     |
|-------------------------------------------------------------------------------|-----------------------------------------------------|
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data |                                                     |
| NOTICE OF INTENTION TO:                                                       | SUBSEQUENT REPORT OF:                               |
| PERFORM REMEDIAL WORK <input type="checkbox"/>                                | REMEDIAL WORK <input type="checkbox"/>              |
| PLUG AND ABANDON <input type="checkbox"/>                                     | ALTERING CASING <input type="checkbox"/>            |
| TEMPORARILY ABANDON <input type="checkbox"/>                                  | COMMENCE DRILLING OPNS. <input type="checkbox"/>    |
| CHANGE PLANS <input type="checkbox"/>                                         | PLUG AND ABANDONMENT <input type="checkbox"/>       |
| PULL OR ALTER CASING <input type="checkbox"/>                                 | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| OTHER: Install Cathodic Protection <input checked="" type="checkbox"/>        | OTHER: <input type="checkbox"/>                     |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

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 backfilled 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 Jan 1, 1993.

**RECEIVED**  
JUL 13 1992  
OIL CON. DIV  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Tabet TITLE Production Technician DATE 7/6/92  
TYPE OR PRINT NAME MIKE TABET TELEPHONE NO. 632-1811

(This space for State Use)

APPROVED BY Original Signed by CHARLES SOUTON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUL 13 1992  
CONDITIONS OF APPROVAL, IF ANY:

CITY: ~~W. 201~~ WELL NAME: *Rincon 201 E* LOCATION: *226-7* DATE: *11-8-92*

TOTAL VOLTS: *12.19* TOTAL AMPS: *13.0* OHM RESISTANCE: *0.93*

|      |           |           |      |           |           |      |           |           |      |           |           | ANODE READINGS |       |         |           |
|------|-----------|-----------|------|-----------|-----------|------|-----------|-----------|------|-----------|-----------|----------------|-------|---------|-----------|
| DEEP | 100 ANODE | ANODE NO. | DEEP | 100 ANODE | ANODE NO. | DEEP | 100 ANODE | ANODE NO. | DEEP | 100 ANODE | ANODE NO. | NO.            | DEPTH | NO COKE | WELL COKE |
| 5    |           |           | 105  | .4        |           | 305  | .1        |           | 505  |           |           | 1              | 205   | 1.3     |           |
| 10   |           |           | 190  | .3        |           | 310  | .1        |           | 550  |           |           | 2              | 175   | 1.3     |           |
| 15   |           |           | 195  | .2        |           | 315  | .2        |           | 555  |           |           | 3              | 169   | 1.3     |           |
| 20   |           |           | 200  | .2        |           | 380  | .3        |           | 560  |           |           | 4              | 162   | 1.3     |           |
| 25   |           |           | 205  | 1.0       |           | 305  | .5        |           | 565  |           |           | 5              | 132   | 1.2     |           |
| 30   |           |           | 210  | .9        |           | 390  | 1.0       |           | 570  |           |           | 6              | 125   | 1.4     |           |
| 35   |           |           | 215  | .2        |           | 395  |           |           | 575  |           |           | 7              | 119   | 1.2     |           |
| 40   |           |           | 220  | .2        |           | 400  |           |           | 580  |           |           | 8              | 85    | 1.3     |           |
| 45   |           |           | 225  | .2        |           | 405  |           |           | 585  |           |           | 9              | 78    | 1.3     |           |
| 50   | .9        |           | 230  | .1        |           | 410  |           |           | 590  |           |           | 10             | 71    | 1.2     |           |
| 55   | .9        |           | 235  | .1        |           | 415  |           |           | 595  |           |           |                |       |         |           |
| 60   | .8        |           | 240  | .1        |           | 420  |           |           | 600  |           |           |                |       |         |           |
| 65   | .9        |           | 245  | .2        |           | 425  |           |           | 605  |           |           |                |       |         |           |
| 70   | 1.1       |           | 250  | .2        |           | 430  |           |           | 610  |           |           |                |       |         |           |
| 75   | 1.1       |           | 255  | .1        |           | 435  |           |           | 615  |           |           |                |       |         |           |
| 80   | 1.0       |           | 260  | .2        |           | 440  |           |           | 620  |           |           |                |       |         |           |
| 85   | 1.2       |           | 265  | .2        |           | 445  |           |           | 625  |           |           |                |       |         |           |
| 90   | .2        |           | 270  | .2        |           | 450  |           |           | 630  |           |           |                |       |         |           |
| 95   | .6        |           | 275  | .2        |           | 455  |           |           | 635  |           |           |                |       |         |           |
| 100  | .9        |           | 280  | .1        |           | 460  |           |           | 640  |           |           |                |       |         |           |
| 105  | 1.0       |           | 285  | .1        |           | 465  |           |           | 645  |           |           |                |       |         |           |
| 110  | .8        |           | 290  | .2        |           | 470  |           |           | 650  |           |           |                |       |         |           |
| 115  | 1.1       |           | 295  | .1        |           | 475  |           |           | 655  |           |           |                |       |         |           |
| 120  | 1.3       |           | 300  | .1        |           | 480  |           |           | 660  |           |           |                |       |         |           |
| 125  | 1.3       |           | 305  | .2        |           | 485  |           |           | 665  |           |           |                |       |         |           |
| 130  | 1.3       |           | 310  | .2        |           | 490  |           |           | 670  |           |           |                |       |         |           |
| 135  | 1.1       |           | 315  | .2        |           | 495  |           |           | 675  |           |           |                |       |         |           |
| 140  | .9        |           | 320  | .2        |           | 500  |           |           | 680  |           |           |                |       |         |           |
| 145  | .9        |           | 325  | .2        |           | 505  |           |           | 685  |           |           |                |       |         |           |
| 150  | .9        |           | 330  | .3        |           | 510  |           |           | 690  |           |           |                |       |         |           |
| 155  | 1.0       |           | 335  | .3        |           | 515  |           |           | 695  |           |           |                |       |         |           |
| 160  | 1.1       |           | 340  | .2        |           | 520  |           |           | 700  |           |           |                |       |         |           |
| 165  | 1.3       |           | 345  | .2        |           | 525  |           |           | 705  |           |           |                |       |         |           |
| 170  | 1.4       |           | 350  | .2        |           | 530  |           |           | 710  |           |           |                |       |         |           |
| 175  | 1.3       |           | 355  | .2        |           | 535  |           |           | 715  |           |           |                |       |         |           |
| 180  | .8        |           | 360  | .2        |           | 540  |           |           | 720  |           |           |                |       |         |           |

REMARKS:

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