

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 0 Sec. 14 Twp 27N Rng 7W
Name of Well/Wells or Pipeline Serviced Rincon Unit #151M, Rincon Unit #199
151M-30039-25206 199-30-039-20738
Elevation 6704 GR Completion Date 12-03-92 Total Depth 300' Land Type* F
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 ships (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: 140', 145', 150', 155', 160', 165', 170', 175', 180', 185'
Depths vent pipes placed: 0' to 300'
Vent pipe perforations: 1/8" diameter holes, 120' to 300'
Remarks: First Ground bed installed at this location
Lease #NM 012209

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

SUBMIT 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 ☐ GAS WELL ☒ OTHER		6. LEASE DESIGNATION AND SERIAL NO NM 012209	
2. NAME OF OPERATOR Union Oil Company of California dba UNOCAL		7. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 850, Bloomfield, New Mexico 87413		7. UNIT AGREEMENT NAME Rincon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Rincon Unit 151M - 1150' FSL + 1675' FEL Rincon Unit 199 - 1000' FSL, 1480' FEL		8. FARM OR LEASE NAME Rincon Unit	
14. PERMIT NO.		9. WELL NO. 151 M, 199	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6704 GR, 6703 GR		10. FIELD AND POOL, OR WILDCAT Blanco MV/ Basin DK Blanco S-PC	
		11. SEC., T., R., M., OR BLM. AND SUBST OR AREA Sec. 14, T27N, R7W	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE 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 ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) Install Cathodic Protection

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANE ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any 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. Luthman

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CITY #1

WELL NAME:

Rincon 151 m

LOCATION: 14-27-7 DATE: 12-3-92

TOTAL VOLTS: 14.6

TOTAL AMPS:

13.9

OHMS RESISTANCE:

1.1
= 1.05

												ANODE HEADINGS			
DEPT	100 ANODE	ANODE NO.	DEPT	100 ANODE	ANODE NO.	DEPT	100 ANODE	ANODE NO.	DEPT	100 ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WELL COKE
5			105	1.5		305			545			1	185	1.5	4.2
10			190	1.9		310			550			2	180	1.8	7.2
15			195	1.3		315			555			3	175	1.7	7.8
20			200	1.2		300			560			4	170	1.6	7.5
25			205	1.1		305			565			5	165	1.6	7.0
30			210	1.1		390			570			6	160	1.3	7.0
35			215	1.4		395			575			7	155	1.3	7.0
40			220	1.7		400			580			8	150	1.5	6.9
45			225	1.8		405			585			9	145	1.5	6.9
50			230	1.4		410			590			10	140	1.7	6.4
55			235	1.4		415			595						
60			240	1.4		420			600						
65			245	1.3		425			605						
70			250	1.3		430			610						
75			255	1.3		435			615						
80			260	1.1		440			620						
85			265	1.1		445			625						
90			270	1.1		450			630						
95			275	1.2		455			635						
100			280	1.2		460			640						
105	1.8		285	1.2		465			645						
110	1.7		290	1.2		470			650						
115	1.7		295	1.1		475			655						
120	1.8		300	1.0		480			660						
125	1.9		305			485			665						
130	1.1		310			490			670						
135	1.0		315			495			675						
140	1.5		320			500			680						
145	1.4		325			505			685						
150	1.4		330			510			690						
155	1.3		335			515			695						
160	1.3		340			520			700						
165	1.6		345			525			705						
170	1.4		350			530			710						
175	1.6		355			535			715						
180	1.6		360			540			720						

REMARKS:

301 Ash St.
Aztec, New Mexico 87410

Well Name Rincon 151 M Q S 14 T 27 R 7
Company Name Unocal

Anode Depth									
01	02	03	04	05	06	07	08	09	010
Anode Output (Amps)									
01	02	03	04	05	06	07	08	09	010
Anode Depth									
011	012	013	014	015	016	017	018	019	020
Anode Output (Amps)									
011	012	013	014	015	016	017	018	019	020
Total Circuit Resistance						No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts		Amps		Ohms		Coke Breeze			

All Construction Completed

Signature

GROUND BED LAYOUT SKETCH

Date /

Remarks:

A