

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

(Submit 3 copies to OCD Aztec Office)

59-30-039-06977

13 JAN - 30-039-25208

Operator UNOCAL, Oil & Gas Division Location: Unit J Sec. 24 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon Unit #137M DK/GL, Rincon Unit #59 PC

Elevation 6619 GR Completion Date 11-19-92 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. Water from 50' to 60', wet 10' thick

Depths gas encountered: N O N E

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

Depths anodes placed: 87', 95', 105', 135', 147', 153', 160', 168', 175', 183'

Depths vent pipes placed: 0' to 300'

Vent pipe perforations: 60', to 300' of 1/8" diameter holes

Remarks: First Ground bed at this location

Lease #SF079298D

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 TRIPPLICATE*
(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 ☐	5. LEASE DESIGNATION AND SERIAL NO. SF - 079298 D
2. NAME OF OPERATOR Union Oil Company of California dba UNOCAL	6. 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 137M - 1540' FSL + 1500' FEL Rincon Unit 59 - 1650 FSL + 1645 FEL	8. FARM OR LEASE NAME Rincon Unit
14. PERMIT NO.	9. WELL NO. 137 M, 59
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6619' GR, 6637' DF	10. FIELD AND POOL, OR WILDCAT Blanco DK/ Blanco MV Blanco S-PC
	11. SEC., T., R., OR BLM, AND SURVEY OR AREA Sec. 24, 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 ☐

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

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

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(Other) Install Cathodic Protection

(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

BY *DE*

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

SIGNED *Donald E. Lanthier*

TITLE (Temp.) Production Tech

DATE 9/21/92

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

OPERATOR

CITY #1

WELL NAME: Rincon #137 M

LOCATION:

DATE: 11-19-92

TOTAL VOLTS: 14.6

TOTAL AMP: 17.0

OHMS RESISTANCE:

86

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5		185	1.4		365			545				1	183	1.7	3.1
10		190	1.4		310			550				2	175	1.6	3.0
15		195	1.1		315			555				3	168	2.0	4.2
20		200	.9		300			560				4	160	2.0	4.0
25		205	.9		305			565				5	153	2.0	3.2
30		210	.8		390			510				6	147	1.6	2.8
35		215	.4		395			515				7	135	1.9	3.3
40		220	.4		400			500				8	125	2.0	4.0
45		225	.5		405			505				9	95	2.1	4.1
50		230	.4		410			590				10	87	2.0	4.0
55		235	.6		415			595							
60	.7	240	.6		420			600							
65	.8	245	.7		425			605							
70	.9	250	.6		430			610							
75	.9	255	.4		435			615							
80	.9	260	.4		440			620							
85	1.4	265	.4		445			625							
90	1.5	270	.2		450			630							
95	1.5	275	.2		455			635							
100	1.6	280	.5		460			640							
105	1.7	285	.5		465			645							
110	1.2	290	1.4		470			650							
115	.2	295			475			655							
120	.5	300			480			660							
125	.8	305			485			665							
130	1.3	310			490			670							
135	1.5	315			495			675							
140	1.2	320			500			680							
145	1.3	325			505			685							
150	1.3	330			510			690							
155	1.6	335			515			695							
160	1.6	340			520			700							
165	1.8	345			525			705							
170	1.7	350			530			710							
175	1.3	355			535			715							
180	1.3	360			540			720							

REMARKS:

Company Name Unical 137 m

[illegible]

Anode Depth									
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Output (Amps)									
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth									
#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)									
#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Total Circuit Resistance						No. B.C.P. Cable Used		No. Z.C.P. Cable Used	
Volts	Amps	Ohms		Coke Breeze					

All Construction Completed

Brian E. Barge
Signature

Signature

GROUND BED LAYOUT SKETCH

Date _____

Remarks:

Had water standing at approx 60' 11/19/92

