

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

174M- 30-039-25199

109- 30-039-07004

Operator UNOCAL, Oil & Gas Division Location: Unit F Sec. 19 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Served Rincon Unit #174M, Rincon Unit #109

Elevation 6520 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 chips (0' - 50')

Depths & thickness of water zones with description of water when possible: Fresh, Clear,
Salty, Sulphur, Etc. 100' to 105', 5' thick (moist)

Depths gas encountered: N O N E

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

Depths anodes placed: 130', 135', 140', 145', 150', 155', 160', 165', 170', 175'

Depths vent pipes placed: 0' to 300'

Vent pipe perforations: 1/8" diameter holes, 120' to 300'

Remarks: Lease #SF079366

First Ground bed 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. I
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 - 079366
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 174M - 1775' FNL + 1540' FWL Rincon Unit 109 - 1050' FNL + 840' FWL		8. FARM OR LEASE NAME Rincon Unit
14. PERMIT NO		9. WELL NO. 174 M, 109
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6520' GR, 6598' DF		10. FIELD AND POOL, OR WILDCAT Blanco MV, Basin DK
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T27N, R6W
		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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Install Cathodic Protection

PLUG OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

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

SIGNED

BY

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

CID #1 WELL NAME: *Corner of Rincon #109* LOCATION: DATE: *11-19-92*
 Rincon #174m

TOTAL VOLTS: *14.6* TOTAL AMPS: *10.3* OHM RESISTANCE: *1.42*

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO COKE	WITH COKE
5			105	.4		365			545			1	175	1.2	2.7
10			190	.3		310			550			2	170	1.3	2.8
15			195	.4		315			555			3	165	1.4	2.6
20			200	.6		300			560			4	160	1.4	2.3
25			205	.4		305			565			5	155	1.6	4.0
30			210	.3		390			510			6	150	1.3	4.2
35			215	.4		395			515			7	145	1.8	4.6
40			220	.4		400			500			8	140	2.0	5.1
45			225	.3		405			505			9	135	1.8	5.0
50			230	.3		410			590			10	130	1.9	4.9
55			235	.6		415			595						
60			240	.6		420			600						
65			245	.3		425			605						
70			250	.2		430			610						
75			255	.2		435			615						
80			260	.2		440			620						
85			265	.3		445			625						
90			270	.3		450			630						
95			275	.2		455			635						
100	.7		280	.2		460			640						
105	.7		285	.2		465			645						
110	.8		290	.3		470			650						
115	.9		295	.3		475			655						
120	.9		300	7.0		480			660						
125	1.1		305			485			665						
130	1.6		310			490			670						
135	1.5		315			495			675						
140	1.7		320			500			680						
145	1.5		325			505			685						
150	1.0		330			510			690						
155	1.1		335			515			695						
160	1.1		340			520			700						
165	1.0		345			525			705						
170	.9		350			530			710						
175	.9		355			535			715						
180	.4		360			540			720						

REMARKS:

Company Name Unical 174 m

[illegible]

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

All Construction Completed

All Construction Completed

Brian E. Burgo

Signature

Signature

GROUND BED LAYOUT SKETCH

Date _____

Remarks:

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