

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 F Sec. 18 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Served Rincon Unit #159M 30-039-25179

Elevation 6620 GR Completion Date 11-30-92 Total Depth 320' 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. 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: 178', 184', 190', 196', 202', 208', 214', 220', 255', 260'

Depths vent pipes placed: 0' - 320'

Vent pipe perforations: 1/8" diameter holes from 160' to 320'

Remarks: Lease #NM013654

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

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Approved
Budget Bureau No. 1004-0135
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	7. UNIT AGREEMENT NAME Rincon Unit
2. NAME OF OPERATOR Union Oil Company of California dba UNOCAL	8. FARM OR LEASE NAME Rincon Unit
3. ADDRESS OF OPERATOR P.O. Box 850, Bloomfield, New Mexico 87413	9. WELL NO. 159M
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below) At surface Rincon Unit 159M - 1695' FNL, 1735' FWL	10. FIELD AND POOL, OR WILDCAT
14. PERMIT NO	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6620' GR
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW SEC 18 T27N R6W	
12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	
(Other) Install Cathodic Protection		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17 DESCRIBE PROPOSED OR COMPLETED OPERATION* (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 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.

18 I hereby certify that the foregoing is true and correct

SIGNED Mik Jabet

TITLE Production Technician

DATE 7/6/92

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ACCEPTED FOR RECORD

JUL 17 1992

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY DE

CID #1 WELL NAME: Rincon 159 m LOCATION: 18-27-6 DATE: 11-30-92

TOTAL VOLTS: 14.6 TOTAL AMP: 13.2 OHM RESISTANCE: 1.1

												ANODE HEADLINE			
DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			105	1.1		365			545			1	260	1.6	4.0
10			190	1.2		310			550			2	255	1.9	4.0
15			195	1.4		315			555			3	220	1.4	3.1
20			200	1.2		300			560			4	214	1.4	3.2
25			205	1.1		305			565			5	208	1.4	2.9
30			210	1.0		390			510			6	202	1.4	3.3
35			215	1.0		395			515			7	196	1.6	4.1
40			220	1.0		400			500			8	190	1.5	3.8
45			225	.9		405			505			9	184	1.1	2.1
50			230	.8		410			590			10	178	1.2	2.3
55			235	.7		415			595						
60			240	.7		420			600						
65			245	.6		425			605						
70			250	.5		430			610						
75			255	1.6		435			615						
80			260	1.4		440			620						
85			265	.5		445			625						
90			270	.5		450			630						
95			275	.6		455			635						
100			280	.4		460			640						
105			285	.4		465			645						
110			290	.4		470			650						
115			295			475			655						
120			300			480			660						
125			305			485			665						
130			310			490			670						
135			315			495			675						
140	.4		320			500			680						
145	.4		325			505			685						
150	.5		330			510			690						
155	.5		335			515			695						
160	.5		340			520			700						
165	.7		345			525			705						
170	.7		350			530			710						
175	1.1		355			535			715						
180	1.1		360			540			720						

REMARKS:

**BURGE
CORROSION SYSTEMS**

301 Ash St.
Aztec, New Mexico 87410

Formations

Well Name RINCON 159MQ S 18 T 27 R 6
Company Name UNICOL

FOOTAGES			WATER	SHALE	SAND	SAND STONE	BENT ONITE	CLAY	GRAVEL	ROCK	CASED
0	40	clay						✓			
40	60	shale		✓							
60	80	sandstone				✓					
80	100	shale		✓							
100	145	sandstone				✓					
145	170	sandstone/shale		✓		✓					
170	230	shale		✓							
230	250	sand/shale		✓	✓						
250	260	shale		✓							
260	320	sandstone				✓					

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
Brian E. Burge
Signature
GROUND BED LAYOUT SKETCH 11-29-92
Date

Remarks:

