

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

175M-30-039-25100

111-30-039-06984

Operator UNOCAL, Oil & Gas Division Location: Unit F Sec. 20 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon Unit #175M, Rincon Unit #111

Elevation 6488 GR Completion Date 11-12-92 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. 90' TO 100', 10' thick (damp)

Depths gas encountered: N O N E

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

Depths anodes placed: 185', 190', 195', 200', 205', 210', 235', 280', 285', 295'

Depths vent pipes placed: 0' to 320'

Vent pipe perforations: 1/8" diameter holes, 180' to 320'

Remarks: Lease #SF079366

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 TRIPPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-079366

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Union Oil Company of California dba UNOCAL

3. ADDRESS OF OPERATOR

P.O. Box 850, Bloomfield, New Mexico 87413

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

Rincon Unit 175M - 1740' NFL, 1500' FWL

1790-S - 1800W

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, OR, etc.)

7. UNIT AGREEMENT NAME

Rincon Unit

8. FARM OR LEASE NAME

Rincon Unit

9. WELL NO.

175M, 114

10. FIELD AND POOL, OR WILDCAT

Basin Dakota, Blanco (MV)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SE/NW SEC 20 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

PCLL 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 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 Jan-1, 1993.

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

SIGNED

Mike Sabet

TITLE Production Technician

DATE

7/6/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUL 17 1992

ACCEPTED FOR RECORD

FARMINGTON RESOURCE AREA

BY

DC

*See Instructions on Reverse Side

corner of Rincon #116
 CITY: WELL NAME: Rincon #175m LOCATION: 20-27-6 DATE: 11-12-92
 TOTAL VOLTS: 14.7 TOTAL AMP: 16.4 OHM RESISTANCE: 90

												ANODE HEADINGS			
DEEP	TOO	ANODE	DEEP	TOO	ANODE	DEEP	TOO	ANODE	DEEP	TOO	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.			COKE	COKE
5			105	1.5		365			545			1	295	1.1	2.6
10			190	1.6		310			550			2	285	1.4	3.6
15			195	2.1		315			555			3	280	1.3	3.4
20			200	2.3		300			560			4	235	1.7	3.2
25			205	2.2		305			565			5	210	1.2	4.5
30			210	1.2		390			510			6	205	2.2	4.9
35			215	.9		395			515			7	200	2.3	6.8
40			220	.6		400			500			8	195	2.3	7.0
45			225	.3		405			505			9	190	1.7	4.8
50	.1		230	.4		410			590			10	185	1.5	4.5
55	.2		235	1.7		415			595						
60	.4		240	.4		420			600						
65	.2		245	.3		425			605						
70	.4		250	.3		430			610						
75	.9		255	.3		435			615						
80	.9		260	.4		440			620						
85	.9		265	.6		445			625						
90	.4		270	.6		450			630						
95	.4		275	.4		455			635						
100	.4		280	1.3		460			640						
105	.7		285	1.3		465			645						
110	.8		290	.9		470			650						
115	.8		295	1.0		475			655						
120	.8		300	.3		480			660						
125	.9		305	.3		485			665						
130	1.1		310	1.1		490			670						
135	.3		315			495			675						
140	.2		320			500			680						
145	.4		325			505			685						
150	.4		330			510			690						
155	.4		335			515			695						
160	.5		340			520			700						
165	.6		345			525			705						
170	.6		350			530			710						
175	.6		355			535			715						
180	1.0		360			540			720						

REMARKS:

FOOTAGES	WATER	SHALE	SAND	SANDSTONE	BENTONITE	CLAY	GRAVEL	ROCK	ONSD
0 70 Sandstone									
70 85 shale									
90 100 water / sand									
100 120 sandstone									
120 130 shale									
130 175 sandstone									
175 215 shale									
215 230 sandstone									
230 275 sandstone									
275 295 shale									
295 320 sandstone									
320 340 sandstone									

Anode Depth									
01	02	03	04	05	06	07	08	09	10
Anode Output (Amp)									
01	02	03	04	05	06	07	08	09	10
Anode Depth									
01	02	03	04	05	06	07	08	09	10
Anode Output (Amp)									
01	02	03	04	05	06	07	08	09	10
Total Circuit Resistance									
Volt	Amps	Ohms	Cable Break			No. 5 C.P. Cable Used		No. 2 C.P. Cable Used	

All Construction Completed
Brian Liburg
Signature

GROUND BED LAYOUT SKETCH

Date

Remarks:

