

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

30-039-25209

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

Name of Well/Wells or Pipeline Serviced Rincon Unit #170M

Elevation 6598 GR Completion Date 11-13-92 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: 110', 115', 120', 125', 130', 135', 165', 247', 255', 285'

Depths vent pipes placed: 0' to 320'

Vent pipe perforations: 1/8" diameter holes, 100' to 320'

Remarks: Lease #SF079366

First Ground bed installed at his 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

November 1983,
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1001-0115
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 170M - 1495' FSL + 935 FEL		8. FARM OR LEASE NAME Rincon Unit
14. PERMIT NO.		9. WELL NO. 170 M
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6598' GR		10. FIELD AND POOL, OR WILDCAT Blanco MV/ Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, 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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANE ☐
(Other) <u>Install Cathodic Protection</u>	

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	
(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

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

SIGNED Donald E. Lutzheim

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

OPERATION

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: WELL NAME: Rincon #170 M LOCATION: 20-27-6 DATE: 11-13-92

TOTAL VOLUME: 14.7 TOTAL AREA: 15.5 OMB RESISTANCE: 95

												ANODE READINGS			
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		365			545			1	285	1.1	2.1
10			190	.1		310			550			2	255	1.1	2.1
15			195	.1		315			555			3	247	1.1	2.1
20			200	.1		300			560			4	165	1.6	2.4
25			205	.1		305			565			5	135	1.6	5.0
30			210	.1		390			510			6	130	1.8	5.1
35			215	.1		395			515			7	125	2.0	5.2
40			220	.1		400			500			8	120	2.0	6.0
45			225	.6		405			505			9	115	1.8	6.0
50	.7		230	.7		410			590			10	110	1.5	3.4
55	.6		235	.8		415			595						
60	.9		240	.9		420			600						
65	.9		245	1.0		425			605						
70	.8		250	1.0		430			610						
75	.5		255	1.1		435			615						
80	.3		260	1.0		440			620						
85	.2		265	.5		445			625						
90	.2		270	.2		450			630						
95	.3		275	.3		455			635						
100	.5		280	.7		460			640						
105	1.8		285	1.1		465			645						
110	1.8		290	.5		470			650						
115	2.0		295	.5		475			655						
120	2.0		300	.5		480			660						
125	1.9		305	1.0		485			665						
130	1.7		310			490			670						
135	1.3		315			495			675						
140	1.1		320			500			680						
145	.7		325			505			685						
150	.7		330			510			690						
155	.7		335			515			695						
160	.7		340			520			700						
165	1.5		345			525			705						
170	.6		350			530			710						
175	.1		355			535			715						
180	.1		360			540			720						

DEVIATION

Formations

Well Name KINCON 170-M Q S T RCompany Name UNICOL

FOOTAGES			WATER	SHALE	SAND	SAND STONE	BENT ONITE	CLAY	GRAVEL	ROCK	CASSED
0	100'	SANDSTONE				✓					
100'	135	SHALE		✓							
145	160	SANDSTONE				✓					
160	170	SHALE		✓							
170	220	SANDSTONE				✓					
220	235	SANDSTONE / SHALE		✓		✓					
235	260	SHALE		✓							
260	280	SANDSTONE				✓					
280	285	SHALE		✓							
285	320	SANDSTONE				✓					

Anode Depth									
21	22	23	24	25	26	27	28	29	30
Anode Output (Amps)									
21	22	23	24	25	26	27	28	29	30
Anode Depth									
31	32	33	34	35	36	37	38	39	40
Anode Output (Amps)									
31	32	33	34	35	36	37	38	39	40
Total Circuit Resistance									
Volts	Amps	Ohms				No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

All Construction Completed



Signature

GROUND BED LAYOUT SKETCH

Date

Remarks:

