

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

136E - 30-039-25207

63-30-039-07010

Operator UNOCAL, Oil & Gas Division Location: Unit D Sec. 23 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon Unit #136E, Rincon Unit #63

Elevation 6605 GR Completion Date 12-11-92 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 ships (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: 65', 70', 75', 80', 85', 90', 114', 120', 139', 145'

Depths vent pipes placed: 0' to 320'

Vent pipe perforations: 1/8" diameter holes, 60' to 320'

Remarks: Lease #SF079360

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

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. 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.)

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 136E - 1175' FNL + 830 FWL

Rincon Unit 63 - 990' FNL + 890 FWL

14. PERMIT NO.

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

6605 GR, 6736 DF

5. LEASE DESIGNATION AND SERIAL NO

SF - 079360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Rincon Unit

8. FARM OR LEASE NAME

Rincon Unit

9. WELL NO.

136E, 63

10. FIELD AND POOL, OR WILDCAT
Blanco MV/ Basin DK
Blanco S-PC

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

Sec. 23, 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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Install Cathodic Protection

PULL OR ALTER CASING

MULTIPLE COMPLETE

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 FARMINGTON RESOURCE AREA

OCT 14 1992

FARMINGTON, NEW MEXICO

BY

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

SIGNED

Donald E. Luthman

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

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.

CID #1 WELL NAME: Rincon 136F LOCATION: 2327-7 DATE: 12-11-92
 TOTAL VOLTS: 14.6 TOTAL AMP: 12.4 OHM RESISTANCE: 1.18

												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	.2		365			545			1	145	1.6	4.5
10			190	.2		310			550			2	139	1.6	4.5
15			195	.1		315			555			3	120	1.4	3.1
20			200	.1		300			560			4	114	1.5	3.1
25			205	.2		305			565			5	90	1.8	4.0
30			210	.2		390			510			6	85	1.8	4.5
35			215	.2		395			515			7	80	1.6	4.6
40			220	.2		400			500			8	75	1.7	4.1
45			225	.2		405			505			9	70	1.5	3.8
50	.2		230	.3		410			590			10	65	1.6	3.5
55	.2		235	.4		415			595						
60	.7		240	.6		420			600						
65	1.1		245	.6		425			605						
70	.9		250	.4		430			610						
75	1.1		255	.1		435			615						
80	1.0		260	.1		440			620						
85	1.3		265	.1		445			625						
90	1.3		270	.2		450			630						
95	.4		215	.4		455			635						
100	.1		280	.4		460			640						
105	.1		285	.2		465			645						
110	.5		290	.2		470			650						
115	1.0		295			475			655						
120	.9		300			480			660						
125	.8		305			485			665						
130	.9		310			490			670						
135	.9		315			495			675						
140	1.2		320			500			680						
145	1.0		325			505			685						
150	.7		330			510			690						
155	.3		335			515			695						
160	.5		340			520			700						
165	.4		345			525			705						
170	.2		350			530			710						
175	.2		355			535			715						
180	.4		360			540			720						

REMARKS:

Formations

Well Name Rincon 136 EQ S 23 T 27 R 7
 Company Name UNLC41

FOOTAGES			WATER	SHALE	SAND	SAND STONE	BENT ONITE	CLAY	GRAVEL	ROCK	CASED
0	45	clay						✓			
45	65	Sandstone			✓	✓					
65	150	shale		✓							
150	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
 12-3-92
 Date

GROUND BED LAYOUT SKETCH

Remarks:

