

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

130E -30-039-25183

5-30-039-06768

Operator UNOCAL, Oil & Gas Division Location: Unit P Sec. 32 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon Unit #130E, Rincon Unit #5

Elevation 6681 GR Completion Date 12-22-92 Total Depth 300' Land Type* S

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. 160' TO 170' 10' Thick, No description available

Depths gas encountered: N O N E

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

Depths anodes placed: 152', 160', 167', 174', 181', 189', 195', 201', 210', 215'

Depths vent pipes placed: 0' - 300'

Vent pipe perforations: 1/8" diameter holes at 140' to 300'

Remarks: 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)

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 130 E - 955' FSL + 815' FEL
 Rincon 5 - 990' FSL + 990' FEL

14. PERMIT NO

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

6681 GR, 6674 GR

6. LEASE DESIGNATION AND SERIAL NO

6290 - 2B

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Rincon Unit

8. FARM OR LEASE NAME

Rincon Unit

9. WELL NO.

130 E, 5

10. FIELD AND POOL, OR WILDCAT

S. Blanco Tocito
 Basin Dakota, Blanco S-PC

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

Sec 32, T27N, R6W

Sec 32, T27N, R6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

18

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 ☐

FRACURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

REPAIR WELL ☐

CHANGE PLANE ☐

(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 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 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

BY

SIGNED *Donald E. Antkowiak*

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: Rincon 130E LOCATION: DATE: 12-22-92
TOTAL VOLTS: 14.6 TOTAL AMPS: 13.6 OHM RESISTANCE: 1.07

												ANODE READINGS		
DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	NO.	DEPTH	NO COKE
5		105	1.6	365		545		1	215	1.3	2.2			
10		190	1.6	370		550		2	210	1.4	2.6			
15		195	1.7	375		555		3	201	1.7	4.8			
20		200	1.6	380		560		4	195	1.8	5.0			
25		205	.9	385		565		5	189	1.7	4.0			
30		210	1.3	390		570		6	181	1.5	3.5			
35		215	1.2	395		575		7	174	1.7	4.1			
40		220	.8	400		580		8	167	1.6	3.7			
45		225	.7	405		585		9	160	1.7	4.0			
50		230	.7	410		590		10	152	1.3	2.8			
55		235	.6	415		595								
60		240	.7	420		600								
65		245	.5	425		605								
70		250	.5	430		610								
75		255	.3	435		615								
80		260	.3	440		620								
85		265	.6	445		625								
90		270	.6	450		630								
95		275	.7	455		635								
100		280	.6	460		640								
105		285	.6	465		645								
110		290	1.4	470		650								
115		295		475		655								
120		300		480		660								
125	.8	305		485		665								
130	.8	310		490		670								
135	.9	315		495		675								
140	1.1	320		500		680								
145	.9	325		505		685								
150	1.1	330		510		690								
155	1.3	335		515		695								
160	1.5	340		520		700								
165	1.4	345		525		705								
170	1.4	350		530		710								
175	1.5	355		535		715								
180	1.2	360		540		720								

REMARKS:

Well Name RINCON 130-E Q S T R
Company Name UNICAL

[illegible]

Anode Depth									
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
Anode Output (Amps)									
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
Anode Depth									
F11	F12	F13	F14	F15	F16	F17	F18	F19	F20
Anode Output (Amps)									
F11	F12	F13	F14	F15	F16	F17	F18	F19	F20
Total Circuit Resistance									
Volt	Amps	Ohms	Coke Breeds	No. 0 C.P. Cable Used			No. 2 C.P. Cable Used		

7 All Construction Examples

All Construction Completed
Dean E. Borge
 / Signature

Signature

GROUND BED LAYOUT SKETCH

12/16/92
Date

Date _____

Remarks:

A