

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 I Sec. 36 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon Unit #168E, Rincon Unit #31

168E-30-039-25211 31-30-039-06766

Elevation 6547 GR Completion Date 12-16-92 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 chips (0' - 50')

Depths & thickness of water zones with description of water when possible: Fresh, Clear,
Salty, Sulphur, Etc. 40' to 140', 100' thick (damp)

Depths gas encountered: N O N E

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

Depths anodes placed: 105', 111', 118', 125', 130', 135', 175', 180', 185', 189'

Depths vent pipes placed: 0' to 300'

Vent pipe perforations: 1/8" diameter holes, 100' to 300'

Remarks: 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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30 - 039 - 25211
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E290 - 2B
7. Lease Name or Unit Agreement Name Rincon Unit
8. Well No. 168E, 31
9. Pool name or Wildcat Basin Dakota, Undes. Gallup
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6547 GR

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☐ OTHER Cathodic Protection

2. Name of Operator
Union Oil Company of California dba UNOCAL

3. Address of Operator
P.O. Box 850, Bloomfield, New Mexico 87413

4. Well Location
Unit Letter I : 1845 Feet From The South Line and 840 Feet From The East Line

Section 36 Township 27N Range 7W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6547 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Install Cathodic Protection ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

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.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Donald E. Linthicum TITLE (Temp.) Production Tech DATE 9/23/92
TYPE OR PRINT NAME Donald E. Linthicum TELEPHONE NO. 632-1811

(This space for State Use)

APPROVED BY Ernie Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 26 1992
CONDITIONS OF APPROVAL, IF ANY: Give this office 24 hour notice so that the operation can be witnessed.

CIB #1

WELL NAME: Rincon 168E

LOCATION:

DATE: 12-16-92

TOTAL VOLTS: 14.6

TOTAL AMPS: 9.4

OHMS RESISTANCE:

1.55

											ANODE READINGS				
DEPT	LOG ANODE	ANODE NO.	DEPT	LOG ANODE	ANODE NO.	DEPT	LOG ANODE	ANODE NO.	DEPT	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	2.1		365			545			1	189	1.3	3.5
10			190	.9		370			550			2	185	2.2	4.0
15			195	.2		375			555			3	180	2.1	4.2
20			200	.4		380			560			4	175	1.3	2.4
25			205	.4		385			565			5	135	1.6	3.3
30			210	.5		390			570			6	130	1.7	3.1
35			215	.6		395			575			7	125	1.5	2.8
40			220	.6		400			580			8	118	1.4	2.0
45			225	.6		405			585			9	111	2.0	3.0
50			230	.3		410			590			10	105	1.2	2.9
55			235	.3		415			595						
60			240	.5		420			600						
65			245	.4		425			605						
70			250	.4		430			610						
75			255	.3		435			615						
80			260	.3		440			620						
85			265	.3		445			625						
90			270	.3		450			630						
95			275	.5		455			635						
100	.3		280	.4		460			640						
105	1.4		285	.4		465			645						
110	1.9		290	1.0		470			650						
115	1.4		295			475			655						
120	1.2		300			480			660						
125	1.3		305			485			665						
130	1.5		310			490			670						
135	1.4		315			495			675						
140	1.0		320			500			680						
145	.3		325			505			685						
150	.3		330			510			690						
155	.2		335			515			695						
160	1.2		340			520			700						
165	.3		345			525			705						
170	1.3		350			530			710						
175	1.2		355			535			715						
180	1.8		360			540			720						

REMARKS:

Well Name RINCON 16800 S T R
Company Name UNICA

[illegible]

Amperage Depth									
P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
Amperage Output (Amper)									
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
Amperage Depth									
P11	P12	P13	P14	P15	P16	P17	P18	P19	P20
Amperage Output (Amper)									
C11	C12	C13	C14	C15	C16	C17	C18	C19	C20
Total Circuit Resistance									
Volts	Amper	Ohms		Cable Breaks		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

~~All Construction Completed~~

Signature

Date _____

GROUND BED LAYOUT SKETCH

Remarks:

A