

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 J Sec. 2 Twp 26N Rng 7W

Name of Well/Wells or Pipeline Served Rincon Unit 201E, Rincon Unit 56

201E-30-039-25174 56-30-039-06678

Elevation 6663 GR Completion Date 11-08-92 Total Depth 400' 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. 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: 71', 78', 85', 119', 125', 132', 162', 169', 175', 205'

Depths vent pipes placed: 0' to 400'

Vent pipe perforations: 1/8" diameter holes, 60' to 400'

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

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. 30-039-25174
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-291-3
7. Lease Name or Unit Agreement Name Rincon Unit
8. Well No. 201E, 56
9. Pool name or Wildcat Largo Gallup, Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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 J : 1765 Feet From The South Line and 1705 Feet From The East Line
Section 2 Township 26 N Range 7 W NMPM Rio Arriba County

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 Jan 1, 1993.

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

SIGNATURE Mike Tabet TITLE Production Technician DATE 7/6/92
TYPE OR PRINT NAME MIKE TABET TELEPHONE NO. 632-1811

(This space for State Use)

APPROVED BY Original Signed by CHARLES CHURTON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 13 1992
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUL 13 1992
OIL CON. DIV
DIST. 3

CID: ~~226-7~~ WELL NAME: Rincon 201 E LOCATION: 226-7 DATE: 11-8-92

TOTAL VOLTS: 12.19 TOTAL AMPS: 13.0 OHM RESISTANCE: 0.93

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.									COKE	COKE
5			105	.4		365	.1		545			1	205	1.3	
10			190	.3		310	.1		550			2	175	1.3	
15			195	.2		315	.2		555			3	169	1.3	
20			200	.2		300	.3		560			4	162	1.3	
25			205	1.0		305	.5		565			5	132	1.2	
30			210	.9		390	1.0		570			6	125	1.4	
35			215	.2		395			575			7	119	1.2	
40			220	.2		400			580			8	85	1.3	
45			225	.2		405			585			9	78	1.3	
50	.9		230	.1		410			590			10	71	1.2	
55	.9		235	.1		415			595						
60	.8		240	.1		420			600						
65	.9		245	.2		425			605						
70	1.9		250	.2		430			610						
75	1.1		255	.1		435			615						
80	1.0		260	.2		440			620						
85	1.2		265	.2		445			625						
90	.2		270	.2		450			630						
95	.6		275	.2		455			635						
100	.9		280	.1		460			640						
105	1.0		285	.6		465			645						
110	.8		290	.2		470			650						
115	1.1		295	.1		475			655						
120	1.3		300	.1		480			660						
125	1.3		305	.2		485			665						
130	1.3		310	.2		490			670						
135	1.1		315	.2		495			675						
140	.9		320	.2		500			680						
145	.9		325	.2		505			685						
150	.9		330	.3		510			690						
155	1.0		335	.3		515			695						
160	1.1		340	.2		520			700						
165	1.3		345	.2		525			705						
170	1.4		350	.2		530			710						
175	1.3		355	.2		535			715						
180	.8		360	.2		540			720						

REMARKS:

CLINICAL

[illegible]

Anode Depth									
p1	p2	p3	p4	p5	p6	p7	p8	p9	p10
Anode Output (Amps)									
a1	a2	a3	a4	a5	a6	a7	a8	a9	a10
Anode Depth									
p11	p12	p13	p14	p15	p16	p17	p18	p19	p20
Anode Output (Amps)									
a11	a12	a13	a14	a15	a16	a17	a18	a19	a20
Total Circuit Resistance									
Volts	Amps	Ohms		Coke Brease		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

All Construction Completed

Brian E. Burge
Signature

Signature

GROUND BED LAYOUT SKETCH

Date _____

Remarks:

