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

30-039-25785

Operator UNOCAL, Oil & Gas Division Location: Unit O Sec. 1 Twp 26N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon Unit #57E DK/GL

Elevation 6457 GR Completion Date 11-10-92 Total Depth 300' 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. Slightly damp from 190' to 205'

Depths gas encountered: N O N E

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

Depths anodes placed: 182', 187', 205', 210', 215', 220', 225', 230', 235', 240'

Depths vent pipes placed: 0' - 300'

Vent pipe perforations: 1/8" diameter holes from 160' to 300'

Remarks: Lease #SF079160

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.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse 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.)

5. LEASE DESIGNATION AND SERIAL NO: SF-079160

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Rincon Unit

2. NAME OF OPERATOR: Union Oil Company of California dba UNOCAL

8. FARM OR LEASE NAME: Rincon Unit

3. ADDRESS OF OPERATOR: P.O. Box 850, Bloomfield, New Mexico 87413

9. WELL NO.: 57E

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: Rincon Unit 57E - 790' FSL, 1825 FEL

10. FIELD AND POOL, OR WILDCAT: Largo Gallup/Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/SE SEC 1 T26N R7W

14. PERMIT NO:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6457' GR

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

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	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(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 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 Jan 1, 1993.

RECEIVED
BLM
92 JUL 13 PM 12:52
070 FARMINGTON, N.M.

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

SIGNED Mike Jabet TITLE Production Technician DATE 7/6/92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
JUL 17 1992
FARMINGTON RESOURCE AREA
BY

*See Instructions on Reverse Side

FSM

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.

CTU #: WELL NAME: Rincon 57E LOCATION: 1-26-7 DATE: 11-10-92

TOTAL VOLTS: 14.23 TOTAL AMPS: 7.7 OHMS RESISTANCE: 1.8

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

ANODE READINGS

NO.	DEPTH	NO COKE	WITH COKE	
1	240	.5	2.6	
2	235	1.0	3.9	
3	230	1.3	5.1	
4	225	1.3	5.0	
5	220	.8	4.2	
6	215	1.1	3.7	
7	210	1.0	2.7	
8	205	.3	.3	no coke
9	187	.5	.6	No water + coke
10	182	.6	.3	no coke

REMARKS:

Formations

Well Name RINCON 5 1/2 S T R

Company Name LINICOL

FOOTAGES			WATER	SHALE	SAND	SAND STONE	BENT ONITE	CLAY	GRAVEL	ROCK	CASED
0	205	SANDSTONE / WATER 190'	✓			✓					
205	235	SHALE / SAND STREAMERS		✓	✓						
235	300	SANDSTONE				✓					

Anode Depth										
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
Anode Output (Amps)										
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
Anode Depth										
#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	
Anode Output (Amps)										
#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	

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

Date

GROUND BED LAYOUT SKETCH

N

Remarks: