

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

30-039-25225

Operator UNOCAL, Oil & Gas Division Location: Unit D Sec. 29 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon Unit #135E

Elevation 6583 GR Completion Date 12-17-92 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: 68', 74', 80', 86', 92', 184', 190', 195', 200', 205'

Depths vent pipes placed: 0' TO 320'

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

Remarks: Lease #SF079364

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 TRIPLICATE*
(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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO SF - 079364
2. NAME OF OPERATOR Union Oil Company of California dba UNOCAL		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 850, Bloomfield, New Mexico 87413		7. UNIT AGREEMENT NAME Rincon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Rincon 135 E - 790 FNL +790 FWL		8. FARM OR LEASE NAME Rincon Unit
14. PERMIT NO		9. WELL NO. 135 E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6583 GR		10. FIELD AND POOL, OR WILDCAT Undes Gallup/Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29 T27N R6W
		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:		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 July 1, 1993.

ACCEPTED FOR RECORD
FARMINGTON RESOURCE AREA

DEC 14 1992

FARMINGTON, NEW MEXICO

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

SIGNED Donald E. Smith

BY DE TITLE Temp. Production Technician

DATE 10/14/92

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

OPERATOR

CITY #1

WELL NAME:

Ripon 135-F

LOCATION:

DATE: 12-17-92

TOTAL VOLUME:

14.6

TOTAL AREA:

10.6

OHMS RESISTANCE:

1.37

												ANODE HEADINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			105	1.4		365			545			1	205	1.2	2.4
10			190	1.3		370			550			2	200	1.3	3.0
15			195	1.3		375			555			3	195	1.4	3.5
20			200	1.3		380			560			4	190	1.5	3.5
25			205	1.2		385			565			5	184	1.4	3.1
30			210	1.1		390			570			6	92	1.5	3.8
35			215	.9		395			575			7	86	1.5	3.8
40			220	.4		400			580			8	80	1.2	4.2
45			225	.3		405			585			9	74	1.9	4.9
50	.4		230	.3		410			590			10	68	1.7	4.5
55	.3		235	.3		415			595						
60	.6		240	.4		420			600						
65	1.2		245	.6		425			605						
70	1.7		250	.8		430			610						
75	1.8		255	.5		435			615						
80	1.6		260	.2		440			620						
85	1.4		265	.1		445			625						
90	1.4		270	.1		450			630						
95	1.2		275	.2		455			635						
100	.9		280	.3		460			640						
105	.6		285	.4		465			645						
110	.6		290	.4		470			650						
115	.6		295	1.0		475			655						
120	.6		300			480			660						
125	.3		305			485			665						
130	.2		310			490			670						
135	.3		315			495			675						
140	.1		320			500			680						
145	.6		325			505			685						
150	.4		330			510			690						
155	.2		335			515			695						
160	.1		340			520			700						
165	.1		345			525			705						
170	.2		350			530			710						
175	.3		355			535			715						
180	.1		360			540			720						

REMARKS:

Wall Name RINCON 135-E Q S T R
Company Name UNICA

[illegible]

Anode Depth									
21	22	23	24	25	26	27	28	29	30
Anode Output (Amps)									
31	32	33	34	35	36	37	38	39	40
Anode Depth									
41	42	43	44	45	46	47	48	49	50
Anode Output (Amps)									
51	52	53	54	55	56	57	58	59	60
Total Circuit Resistance									
Volts	Amps	Ohms	Coke Breeze	No. S.C.P. Cable Used	No. 2 C.P. Cable Used				

All Construction Completed
Brian L. Burge
 Signature
 12/17/92
 Date

GROUND BED LAYOUT SKETCH

Remarks:

Drilled dry - damp in several
places top 120' of hole.
Hole was predominantly sandstone

