

99-30-039-06921

165 30-039-06911

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

Operator Union Oil Company of California Location: Unit Sec. 27 Twp 27N Rng 6WName of Well/Wells or Pipeline Serviced Rincon #99 PC/MV Rincon #165 DKElevation 6528' Completion Date 12/5/1988 Total Depth 300 Land Type* FCasing, Sizes, Types & Depths NoneIf Casing is cemented, show amounts & types used None

If Cement or Bentonite Plugs have been placed, show depths & amounts used

None

Depths & thickness of water zones with description of water when possible:

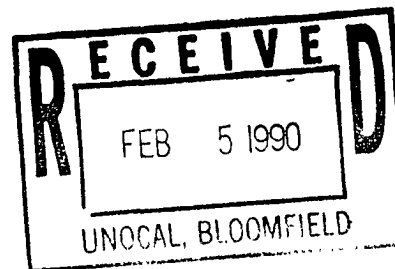
Fresh, Clear, Salty, Sulphur, Etc. 115' deep SEE ATTACHED PAGEDepths gas encountered: NAType & amount of coke breeze used: Carbon 60 2900 lbsDepths anodes placed: 115' to 155' Lida StringDepths vent pipes placed: 300'Vent pipe perforations: 115'Remarks: Unocal was operator when this ground bed was installed.This is the third 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
MAY 09 1990
OIL CON. DIV.
DIST. 3

Cathodic Protection Services Company
P. O. Box 388
Farmington, New Mexico 87499
1608 Schofield Lane
Farmington, New Mexico 87401
(505) 325-1946



February 2, 1990

Unocal Corporation
3300 N. Butler, Suite 201
Farmington, NM 87401

Attention: Mr. Steve Gregory

Subject: Major Water Zones in Cathodic Protection Deep-Well Groundbeds

Dear Mr. Gregory:

Per your recent request for information concerning the cathodic protection deep-well groundbeds for your well casings in the San Juan Basin area, we are pleased to submit the following information.

Township & Range	Depths Ranging From Shallowest to Deepest	Average Depth	Average Thickness of Water Zone
T-25N - R-10W	110' - 140'	122.5'	20'
T-25N - R-11W	60' - 140'	93.3'	45'
T-26N - R-7W	80' - 150'	112.5'	30'
T-27N - R-7W	80' - 200'	123.3'	22.5'
T-27N - R-6W	80' - 200'	131.1'	30'

This data reflects information supplied by the drilling logs acquired at the time the wells were drilled. The depths shown are based on the type of sand which was being extruded from the drilled hole and the dampness of the sand.

The thickness of the water zones are determined by the change in the strata which was being drilled.

It has been a pleasure providing this information to your company. If you have any further questions or desire additional information, please do not hesitate to contact us.

Sincerely,

Cathodic Protection Services Company


John Kerr, Corrosion Technician

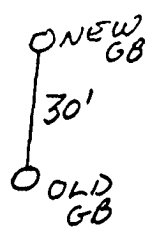
cc: Mike Tabet

CPS
Cathodic Protection Services
A LUKEN COMPANY

2
1

OW/H

O
RECT.



30' DITCH
35' CABLE
1EA LIDA 38
1EA 4x4 POST

 **CORRINTEC/USA**
CATHODIC PROTECTION SERVICES, INC.

UNOCAL
RINCON #165 CPS 704

DES. M.T. DR. J.K. SCALE None	CK. TF APP. DATE 12-5-88	DWG NO. 13162-01	REV
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NO	REVISION	DATE
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W .L TYPE GROUNDED DATA

DATA SHEET NO. 1 of 1

COMPANY ~~UNOCAL~~ UNOCAL JOB No. 13162 DATE: 12-5-88
 WELL: RINCON #165 CFS# 704 PIPELINE: _____
 LOCATION: SEC _____ TWP. _____ RGE. _____ CO. Rio Arriba STATE N.M.
 ELEV. _____ FT: ROTARY 300 FT: CABLE TOOL -0 FT: CASING -0 FT.
 GROUNDED: DEPTH 300 FT. DIA. 6 1/4 IN. CAS 2,900 LBS. ANODES 129 LITZ STRAIN

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH, TOP OF ANODES
		E	I	R				
100	FIRST WATER 115'							
5	SANDY SHALE		.8					
10			.8					
15			.8					
20			.7				5	115
25			.7					
30	SHALE		.7				4	
35			.8				3	
40			1.0					
45	WILL STRINE		.7				2	
50			.6					
55			.6				1	155
60	SANDY SHALE		.6					
65			.6					
70	SAND		.3					
75			.2					
80			.2					
85	SANDY SHALE		.4					
90			.6					
95			.5					
100	SAND		.7					
5			.2					
10			.2					
15			.2					
20			.1					
25			.1					
30			.2					
35	SANDY SHALE		.5					
40			.3					
45			.3					
50			.2					
55			.3					
60			.4					
65			.4					
70			.4					
75			.7					
80			.4					
85			.5					
90			.3					
95			.2					
300	TD 300'							

GROUNDED RESISTANCE: (1) VOLTS 14.8 - AMPS 16.6 - .89 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUXEVE COMPANY

43
30 130
120

47

6