

160 - 30-039-06954 242-30-039-24480 CPS 701-4

82-30-039-06946 173-30-039-06941

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. 23 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #160 PC Rincon #82 MV
Rincon #242 FC Rincon #173 DK

Elevation 6610' Completion Date 11/2/1989 Total Depth 325' Land Type* F

Casing, Sizes, Types & Depths None

If 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. 80' - 200' 30' thick

Depths gas encountered: NA

Type & amount of coke breeze used: Carbo 60 2500 lbs

Depths anodes placed: 230' - 280'

Depths vent pipes placed: 280'

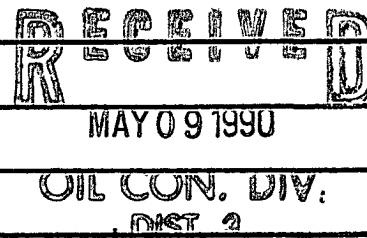
Vent pipe perforations: 230'

Remarks: Unocal was the operator at the time this ground bed was uninstalled.

This was the fourth 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.



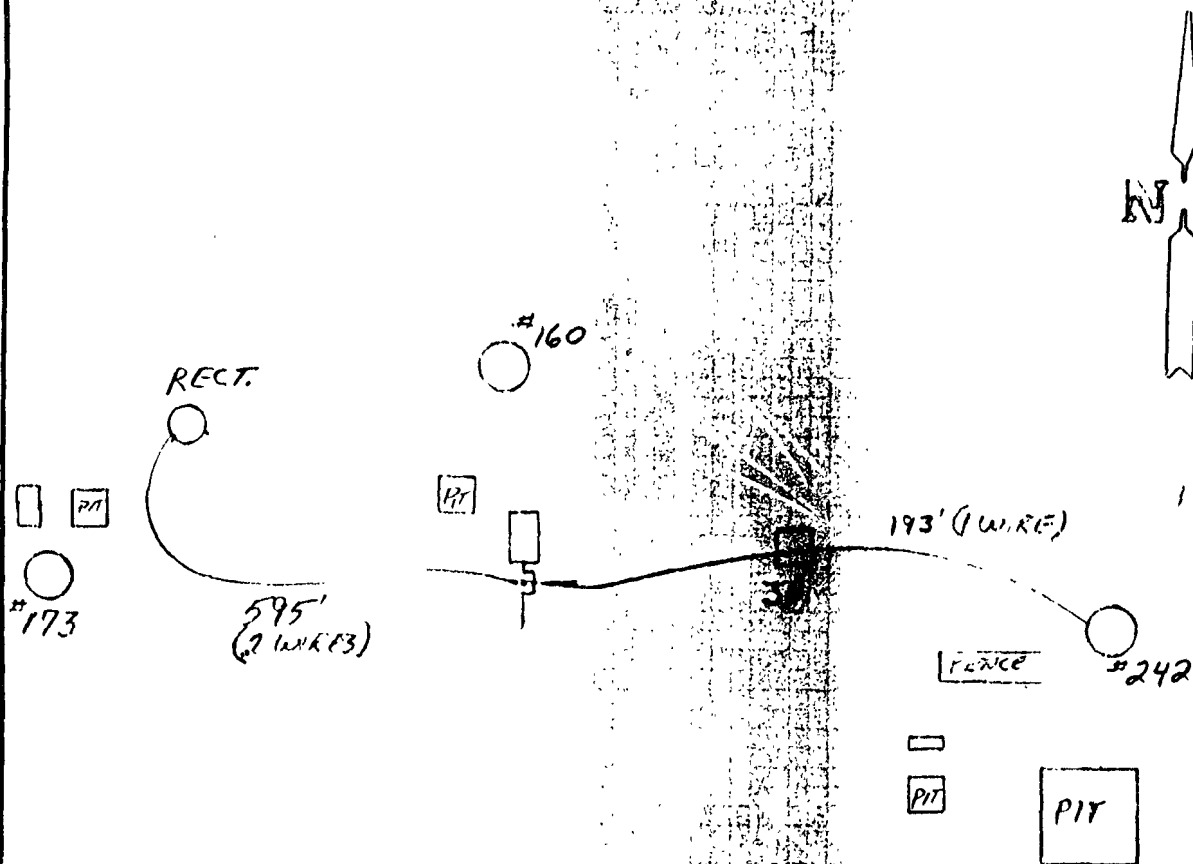
751-

COMPANY UNIOCHL JOB No. 00027 DATE: 11-2-89
 WELL: Rincon # 242 PIPELINE: _____
 LOCATION: SEC. 23 TWP. 27N RGE. 6W CO. Bia Arriba STATE N.M.
 ELEV. _____ FT: ROTARY 300 FT: CABLE TOOL 0 FT: CASING 0 FT.
 GROUNDED: DEPTH 300 FT. DIA. 6 IN. GAS 1100 LBS. ANODES UDA = 6 each

DEPTH. FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH. TOP OF ANODES
		E	I	R				
200			1.2					
5			1.0					
10			1.0					
5			1.1					
20			1.3					
5			1.4					
30			1.4					230
5			1.3					
40			1.2					
5			1.4					
50			1.3					
255			1.4		13.4	12.2		255
60			1.4					
5			1.3					
70			1.2					
5			1.3					
80			1.3					280
5			1.4					
90			1.2					
5			1.0					
300			8					
10								
10								
5								
20								
5								

GROUNDED RESISTANCE: (1) VOLTS 11.99 AMPS 12.2 - 98 OHMS

(2) VIBROGROUND _____ OHMS



POS 595' (2 WIRE)
NEG 788 (1 WIRE)



Cathodic Protection Services

A LUKENS COMPANY

RINC9N	UNIT 242
"	" 160
"	" 173

DES. CF
DR. JX
SCALE 1/2" = 1' 0"

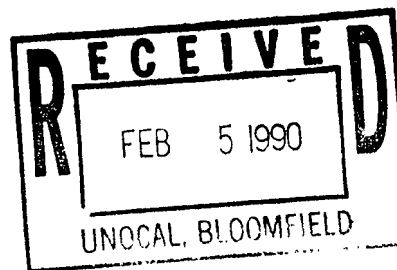
CK
APP
DATE 12-1-87

DWG NO. REV
00027-06

NO REVISION

DATE

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

