

77-30039-06791  
 223-30-039-22644  
 229-30039-22645

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. 34 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #223 CH/MV Rincon #229 DK

Rincon #77 PC

Elevation 6607' Completion Date 11-15-89 Total Depth 380' Land Type\* E

Casing, Sizes, Types & Depths 3' of 6" PVC surface casing

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. Fresh water 100' Deep 22½' Thick

Depths gas encountered: NA

Type & amount of coke breeze used: Carbo 60 Plus mettallurgical 4070lbs

Depths anodes placed: 335' to 380'

Depths vent pipes placed: 380'

Vent pipe perforations: 100' to 380'

Remarks: Unocal was the operator when this ground bed was installed.

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.

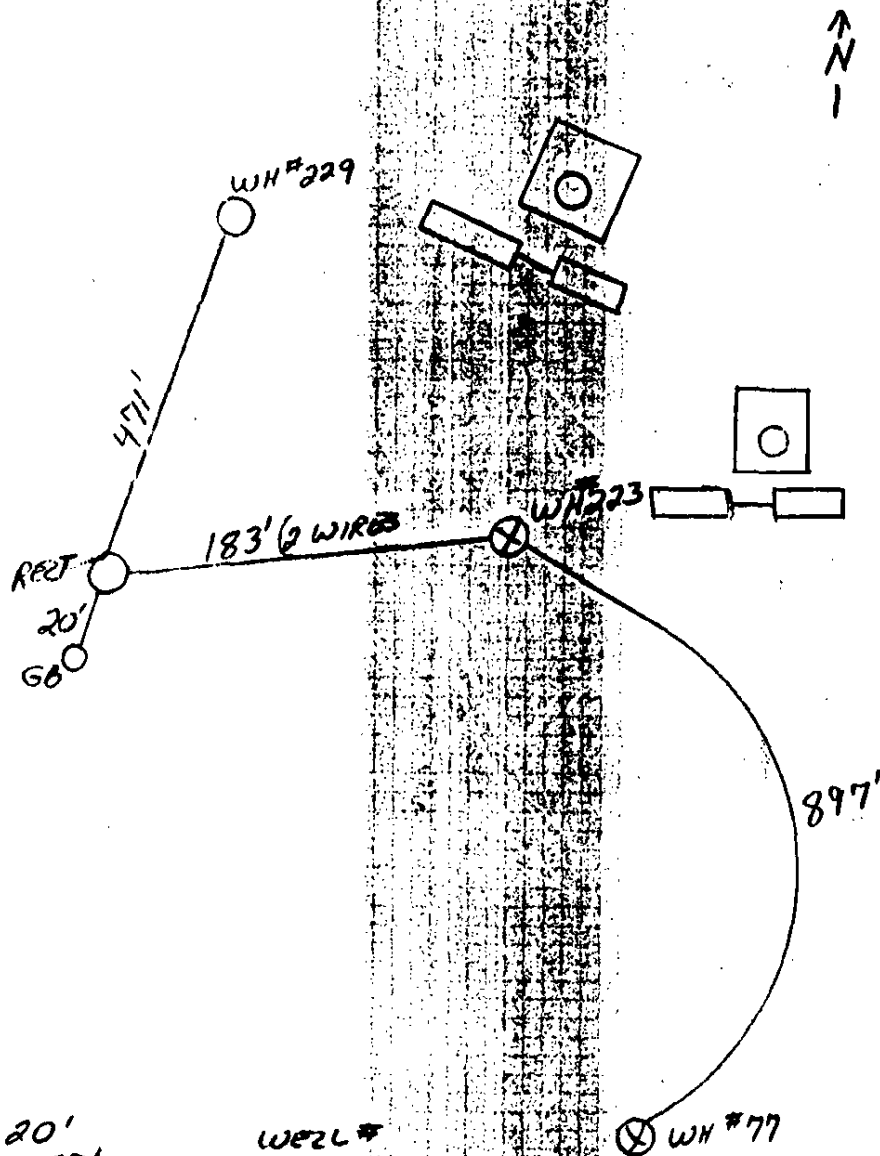
If Federal or Indian, add Lease Number.

RECEIVED

MAY 1 11 00 00

OIL CON. DIV.

DIST. 3



POS. 20'	WELL #
NEG 897'	77
NEG 183' (2 WIRES)	223
NEG 471'	229

# CPS

**Cathodic Protection Services**

— A **LUKENS** COMPANY —

RINCON #77  
RINCON #223  
RINCON #229

NO.	REVISION	DATE	DES <b>CF</b> CHK <b>JK</b> SCALE <b>NONE</b>	CK APP DATE <b>11-30-89</b>	DWG. NO. <b>00027-04</b>	REV.
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JOB NUMBER  
751-00027

12/1/89

INVOICE NO.  
751389

# INVOICE

REMIT TO  
P.O. BOX 297294  
HOUSTON, TX 77297

PAYMENT DUE DATE  
1/1/90



PAYMENT OF THE FULL  
AMOUNT OF THIS INVOICE  
IS DUE, IN ACCORDANCE  
WITH CONTRACT TERMS.

Unocal Oil & Gas Division  
Unocal Corporation  
P.O. Box 850

Bloomfield, NM 87413

Attn: Mr. Mike Tabet & Accts. Payable

CUSTOMER NUMBER  
541168

CONTRACT NO. & NAME AFE - 392129

CONTRACT DATE 8/7/89 &  
10/2/89

ITEM NO.	DESCRIPTION	PRICE	UNIT	% COMPLETE	AMOUNT EARNED
1. a.	Providing all necessary materials, labor, supervision, equipment and other pertinent items to install a groundbed to a depth of 300 feet, as follows  Well: Rincon #223 (#229 & #77) Casing: Providing and installing (PVC) surface casing due to caving conditions = 30 lineal ft.	\$17.50	ft	100%	\$525.00

## NOTES

TERMS: NET 30 DAYS. LATE PAYMENT ADMINISTRATION FEE OF 1.5% PER MONTH WILL BE CHARGED AFTER THE DUE DATE.

LESS - RETAINAGE @

Plus 5% New Mexico State and  
Rio Arriba County tax  
LESS - PREVIOUS INVOICES

\$525.00

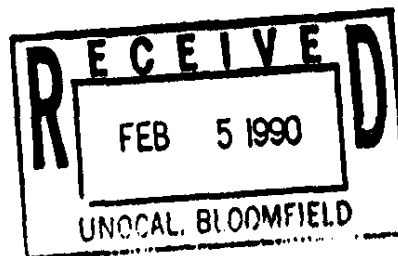
26.25

AMOUNT OF THIS INVOICE →

\$551.25

ACCOUNTING COPY

Catholic Protection Services Company  
P. O. Box 388  
Farmington, New Mexico 87499  
1608 Schofield Lane  
Farmington, New Mexico 87401  
(505) 325-1948



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,

Catholic Protection Services Company

  
John Kerr, Corrosion Technician

cc: Mike Tabet

**CPS**  
Catholic Protection Services  
A LANTIER COMPANY