

115 - 30-039-06970

171 - 30-039-06944

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. 21 Twp 27N Rng 6WName of Well/Wells or Pipeline Serviced Rincon #115 PC/MV, Rincon #171 DKRincon #240 FcElevation 6611' Completion Date 11-6-1989 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. 120' deep 30' thick FreshDepths gas encountered: NAType & amount of coke breeze used: Carbo 60 3000 lbsDepths anodes placed: 200'-255' Lida stringDepths vent pipes placed: 300'Vent pipe perforations: 200'Remarks: Unocal was operator when this ground bed was installed.This was the second ground bed installed on 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.

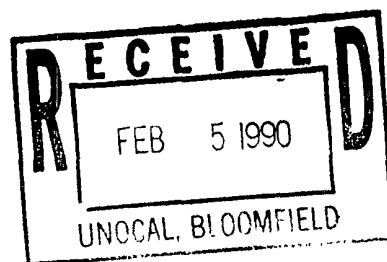
*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

RECEIVED

MAY 09 1990

OIL CON. DIV.
REST. S

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 LUNENS COMPANY

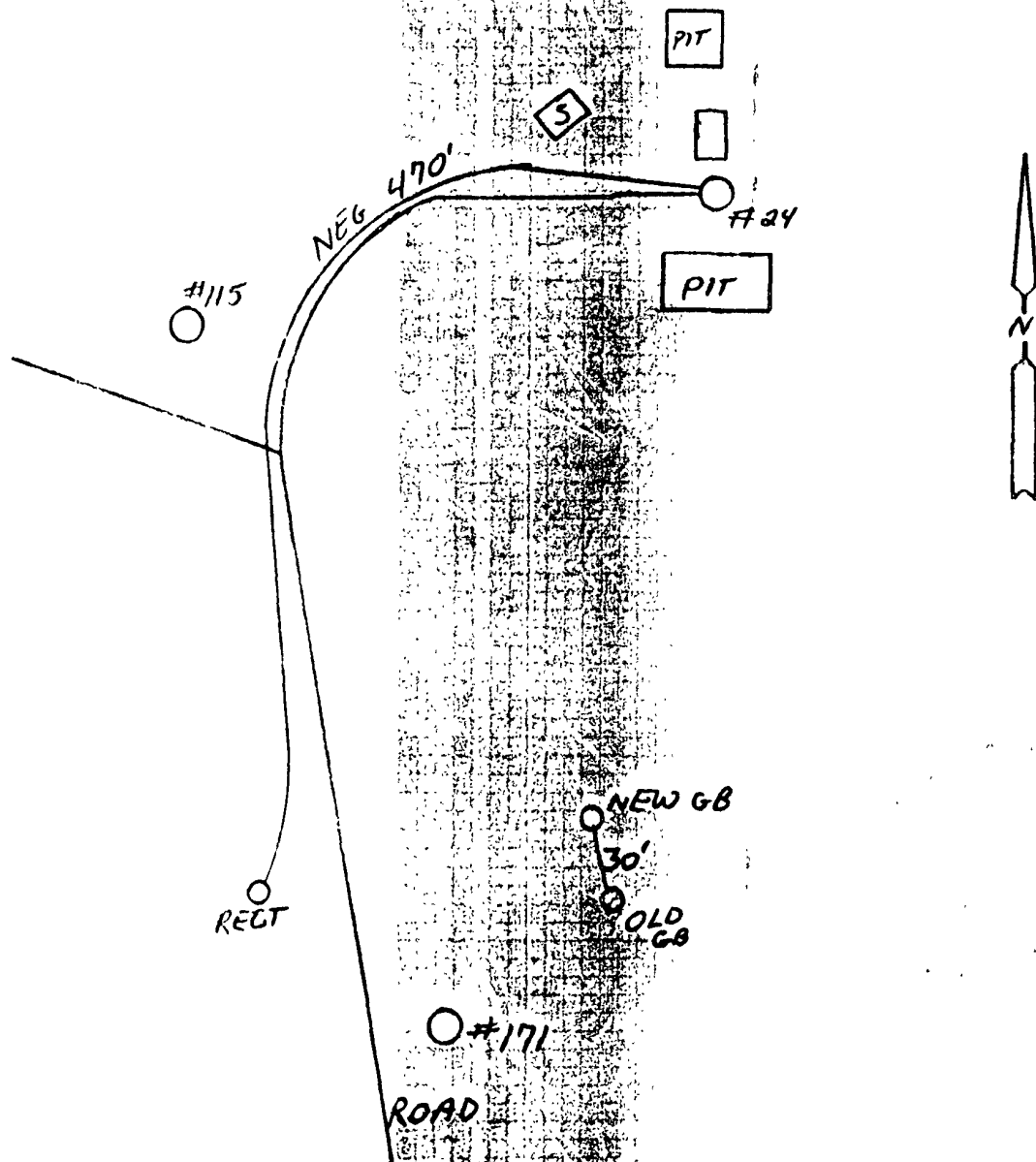
COMPANY LOCAL JOB NO. 00027 DATE: 11-6-89WELL: RIVCOW # 240 PIPELINE Relic ArisonLOCATION: SEC 21 TWP 27 RGE 6 CO San Juan STATE NMEXELEV. FT: ROTARY 300 FT: CABLE TOOL 0 FT: CASING 0GROUNDED: DEPTH 300 FT. DIA. 6 IN. OWS 3000 LBS. ANODES 4224 STRAYS

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE				NO COKE		WITH COKE		ANODE NO.	DEPTH, TOP OF ANODES
		E	I	N	I	I	I	I	I		
	<u>First caliper 120'</u>										
	<u>0-200 sand</u>										
200											
5											
10											
5											
30	<u>top of kida Anodes</u>										
5											
30											
5											
40											
5											
50											
5											
60											
5											
70											
5											
80											
5											
90											
5											
300	<u>T.D. 300</u>										

GROUNDED RESISTANCE: (1) VOLTS 12.01 - AMPs 5.5 - 218 OHMSBY: VERO GROUND OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LICENSE COMPANY



POS. 30'
NEG 470'



693

Cathodic Protection Services

A LUKENS COMPANY

RINCON UNIT #240
RINCON UNIT #115
RINCON UNIT #171

DES. CF

OR. JA

SCALE NONE

CK

APP

DATE 12-11-89

DWG NO

REV.

00027 -18

NO

REVISION

DATE