

5 - 30-045-06331
9E - 30-045-23843

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

13 - 30-045-27717 (Submit 3 copies to OCD Aztec Office)

10 - 30-045-06280

Operator UNOCAL Oil & Gas Location: Unit Sec. 19 Twp 27 Rng 9

Name of Well/Wells or Pipeline Serviced Lodewick No. 5, 9E, 13, 10

Elevation 6548' Completion Date 12-12-90 Total Depth 300' 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. 150' deep = Damp streak of fresh water

Depths gas encountered: NONE

Type & amount of coke breeze used: 300' deep with 99.9% Carbon-Carbo 40 Petroleum Coke Breeze = 1400 lbs.

Depths anodes placed: 247, 257, 267, 277, 287, 297' deep

Depths vent pipes placed: 0 to 300' deep

Vent pipe perforations: 160' to 300' deep with laser cut slots

Remarks: First groundbed installed on 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 30 1991

OIL CON. DIV
DIST. 3

Unocal

Cathodic Protection Services
A LUKENS COMPANY

CITY: 751-00084 WELL NAME: Lodewick No. 5 LOCATION: 17-27-9 DATE: 12-12-90

TOTAL VOLTS: 14.56 TOTAL AMP: 9.4 OHMS RESISTANCE: 1.55

Lida													
ANODE READINGS													
DEEP	100	ANODE	DEEP	100	ANODE	DEEP	100	ANODE	DEEP	100	ANODE	NO.	DEPTH
ANODE	NO.	ANODE	ANODE	NO.	ANODE	ANODE	ANODE	NO.	ANODE	ANODE	NO.	COKE	WITH
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	COKE	COKE
5			105			305			545			1	292
10			190			310			550				2.0
15			195			315			555				9.4
20			200	.8		300			560				
25			205	.7		305			565				
30			210	.9		390			510				
35			215	1.0		395			515				
40			220	.8		400			500				
45			225	1.2		405			505				
50			230	1.1		410			590				
55			235	1.0		415			595				
60			240	1.3		420			600				
65			245	1.1		425			605				
70			250	1.1	6	430			610				
75			255	1.5		435			615				
80			260	1.3	5	440			620				
85			265	1.4		445			625				
90			270	1.5	4	450			630				
95			275	1.6		455			635				
100			280	1.6	3	460			640				
105			285	1.7		465			645				
110			290	1.9	2	470			650				
115			295	1.9		475			655				
120			300	2.0	1	480			660				
125			305			485			665				
130			310			490			670				
135			315			495			675				
140			320			500			680				
145			325			505			685				
150			330			510			690				
155			335			515			695				
160			340			520			700				
165			345			525			705				
170			350			530			710				
175			355			535			715				
180			360			540			720				

REMARKS: 55% Da - 300 T+D - ALL Vent 160'

F&E

DAY Wednesday

[illegible]

BIT RECORD		
SIZE & MAKE	SERIAL NO.	FOOTAGE
1 set 5 7/8 new blades -		
CIRCULATION MATERIAL		
QUAN.	UNIT	MATERIAL

NO. OF LOADS OF WATER 1 SOURCE River @ El Empalme
san juan repr farm, nm Form 219-6

DATE 20 Nov 90

ITEM# 6

PART# 90-T-352 CPS

P.O.# PC75075790

TOTAL LENGTH 305'

TAIL A LENGTH 258.36'

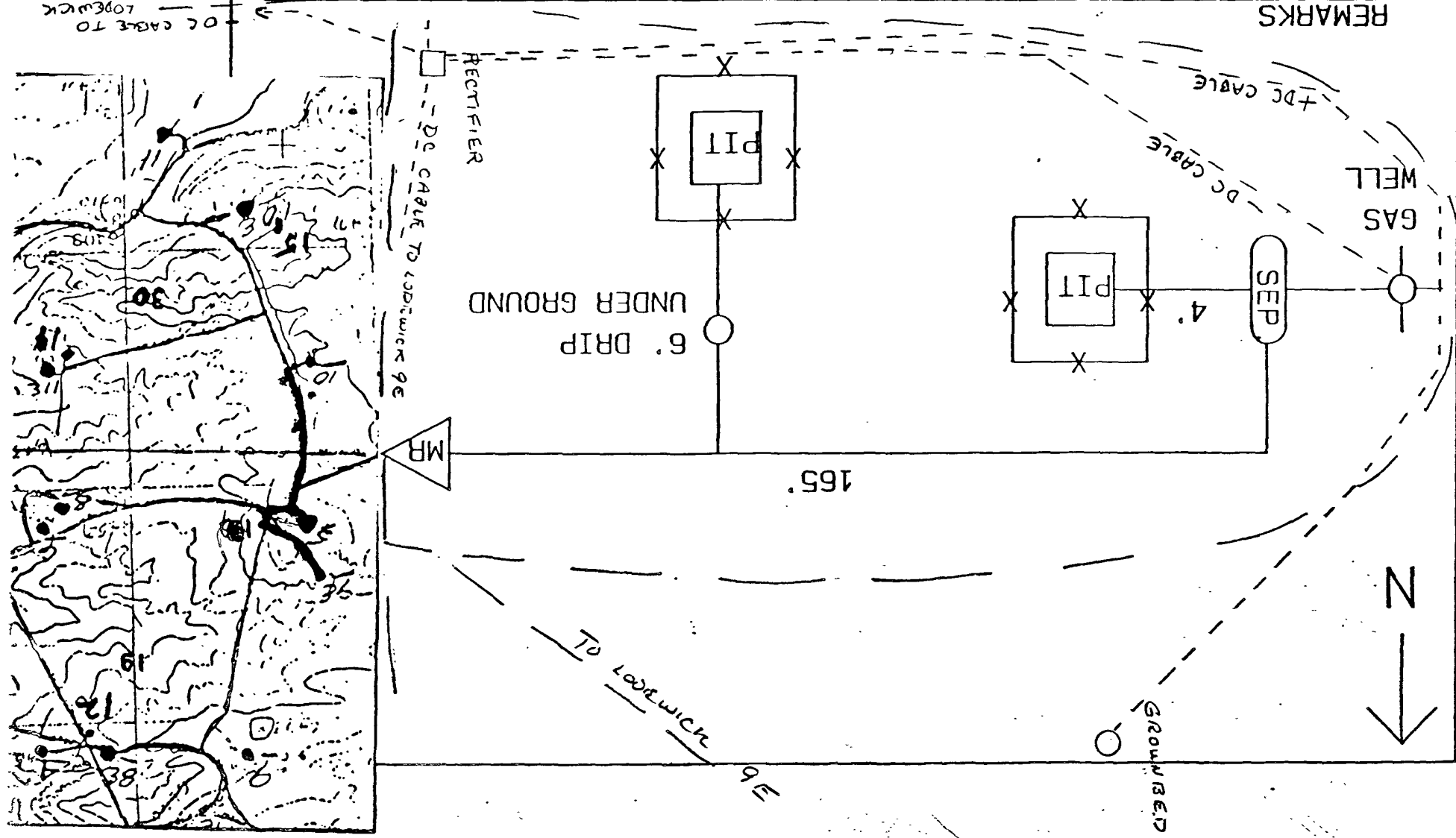
TAIL B LENGTH

LOCKER 16K

INSPECTED BY RW JR

REMARKS
DATE: 09/05/89
SCALE: NONE

UNOCAL
LODEWICK # 5
FK/PC
SW/SW SEC 19 127N R9W NMPM
METER NO. 72358
NM 02861



Location of
Grounded,
Rectifier,
Meter Pole
Buried DC
Cable in
Road
13
LODEWICK
DC CABLE TO