

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, 15

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.

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OIL CON. DIV
DIST. 3

Unoca 1

Cathodic Protection Services
A LUKENS COMPANY

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

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

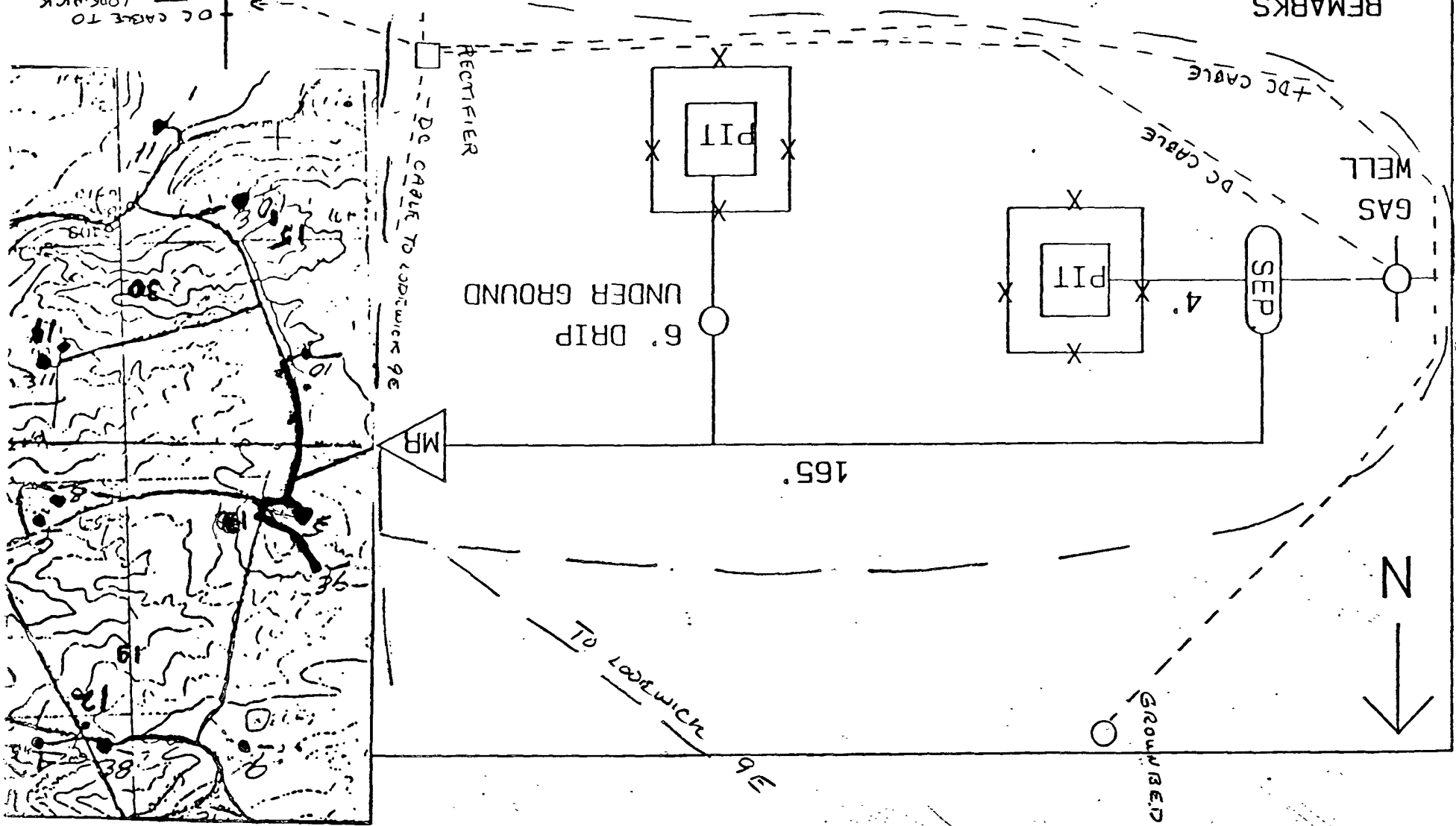
												Lida ANODE HEADINGS			
DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	DEEP	100 ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			105			365			545			1	297	2.0	9.4
10			190			370			550						
15			195			375			555						
20			200	.8		380			560						
25			205	.7		385			565						
30			210	.9		390			570						
35			215	1.0		395			575						
40			220	.8		400			580						
45			225	1.2		405			585						
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 7.2	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% Dia - 300 T+D - ALL Vent 160'

F&E

UNOCAL LODEWICK # 5 FK/PC SW/SW SEC 19 T27N R9W NMPM METER NO. 72358 NM 02861	SCALE: NONE
	DATE: 09/05/89

REMARKS



• LOCATION OF
 GROUND BED,
 RECTIFIER,
 METER POLE
 BURIED DC
 CABLE IN
 MIDDLE OF
 ROAD
 13
 LODEWICK
 DC CABLE TO