

10E-30-045-23845
15-30-045-27719

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

(Submit 3 copies to OCD Aztec Office)

11-30-045-20363

Operator UNOCAL Oil & Gas Location: Unit Sec. 30 Twp 27 Rng 9

Name of Well/Wells or Pipeline Serviced Lodewick No. 10E, 15, 11

Elevation 6479' Completion Date 12-18-90 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 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: 245', 255', 265', 275', 285', 295'

Depths vent pipes placed: 0 to 300'

Vent pipe perforations: From 160' to 300' - All vent laser slots

Remarks: First fround bed 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

CITY: *Union* 751-00054 WELL NAME: *Lodewick No 10E* LOCATION: *30 279* DATE: *12-18-90*

TOTAL VOLT: *12.33* TOTAL AMP: *11.2* OHM RESISTANCE: *1.10*

												Lida ANODE HEADINGS			
DEEP	ANODE NO.	ANODE NO.	DEEP	ANODE NO.	ANODE NO.	DEEP	ANODE NO.	ANODE NO.	DEEP	ANODE NO.	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			105	1.7		365			545			1	290	5.5	11.2
10			190	1.6		310			550						
15			195	2.0		315			555						
20			200	2.3		300			560						
25			205	2.3		305			565						
30			210	2.8		390			570						
35			215	2.4		395			575						
40			220	2.7		400			580						
45			225	2.5		405			585						
50			230	2.8		410			590						
55			235	2.8		415			595						
60			240	3.2		420			600						
65			245	3.6	6	425			605						
70			250	3.9		430			610						
75			255	4.3	5	435			615						
80			260	4.3		440			620						
85			265	4.4	4	445			625						
90			270	4.8		450			630						
95			275	4.8	3	455			635						
100			280	5.0		460			640						
105			285	5.1	2	465			645						
110	.8		290	5.5		470			650						
115	1.6		295	5.0	1	475			655						
120	1.5		300	7.0		480			660						
125	2.0		305			485			665						
130	1.7		310			490			670						
135	1.5		315			495			675						
140	2.1		320			500			680						
145	1.6		325			505			685						
150	1.9		330			510			690						
155	2.3		335			515			695						
160	2.1		340			520			700						
165	2.3		345			525			705						
170	2.3		350			530			710						
175	1.8		355			535			715						
180	1.8		360			540			720						

REMARKS: *55% Dia - 300 TAD - All vent 160'*

DAY: Tuesday

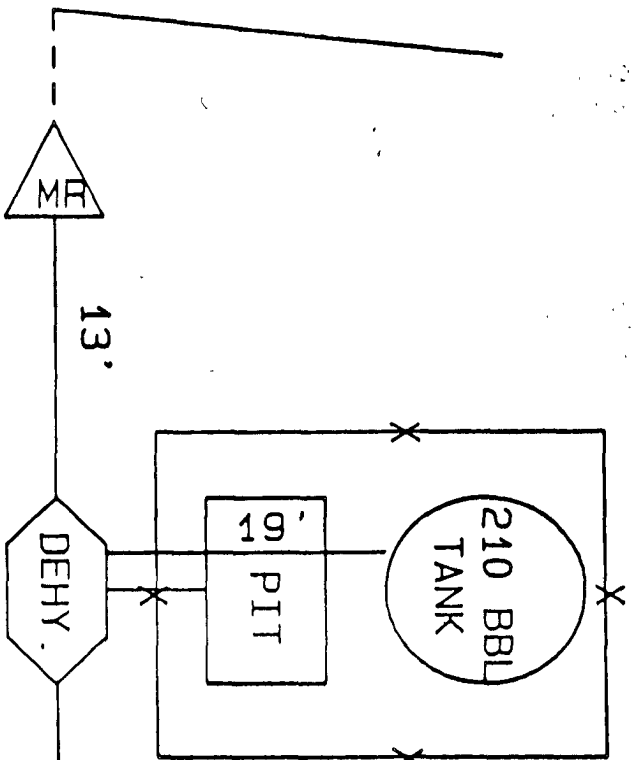
DRILLER	<i>Bob B.</i>		LEFT TOWN	ARRIVED FIELD	
HELPER	<i>Bill Spantoe</i>		LEFT FIELD	ARRIVED TOWN	
HELPER	<i>Bill Furnie</i>		TOTAL FOOTAGE TODAY		
RIG NO.	<i>206</i>	DATE	<i>12-18-90</i>	CLIENT	<i>Uns Cal</i>
BEGIN WORK ON HOLE NO.	<i>Lodewick 10-E</i>	AT		FEET	
BEGIN WORK ON HOLE NO.		AT		FEET	

[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 Hilltop Waterhole
san juan repr farm, nm Form 219-6

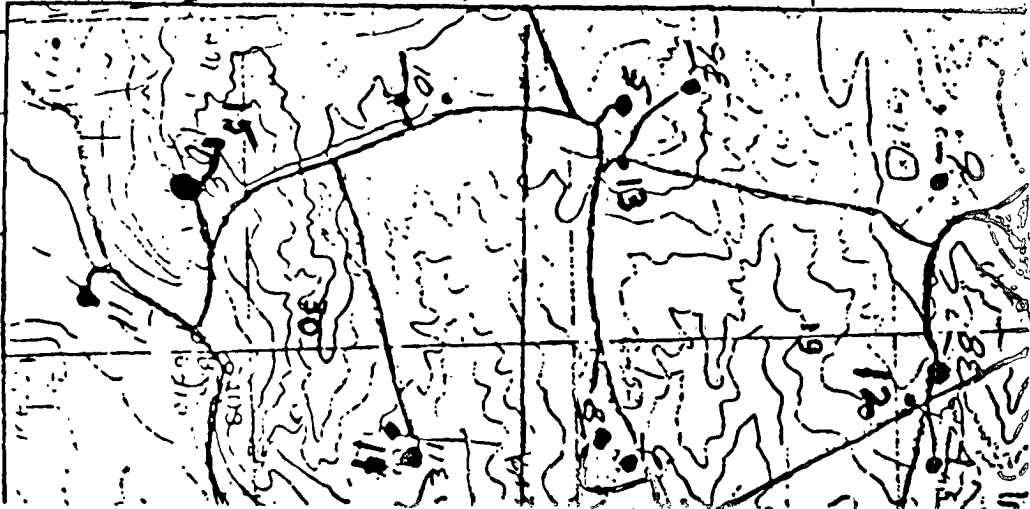
DATE 21 NOV 90 ITEM# 7
PART# 90-T-352 CPS P.O.# PG75075790
TOTAL LENGTH 305'
TAIL A LENGTH 258.36'
TAIL B LENGTH
INSPECTED BY [Signature] Lodewick
Nº 10F



- DC CABLE TO
Lodewick 15 & 11

RECTIFIER

GAS



REMARKS

LODEWICK #10E DK
NE/SW SEC 30 T27N R9W NMPM
METER NO. 93034
NM 02861
DATE: 09/05/89
SCALE: NONE

UNOCAL

BURIED DC
CABLE IN
MIDDLE OF
ROAD

LOCATION OF
GROUND BEP,
RECTIFIER,
METER POLE