

4- 30-045-06865
1- 30-045-06862
8- 30-045-27714

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator UNOCAL Location: Unit Sec. 5 Twp 27 Rng 8

Name of Well/Wells or Pipeline Serviced Filan #4, 1, & 8

Elevation 5967' Completion Date 2/26/91 Total Depth 300' Land Type* F

Casing, Sizes, Types & Depths 20' of 6" diameter PVC

If Casing is cemented, show amounts & types used NA

If Cement or Bentonite Plugs have been placed, show depths & amounts used
NA

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. Just moist, - moisture only.

Depths gas encountered: NA

Type & amount of coke breeze used: Carbo 40, 99.9% Carbon, 1644 lbs

Depths anodes placed: 210', 220', 230', 240', 250' & 260'

Depths vent pipes placed: 0' to 300' deep

Vent pipe perforations: Laser cut slots from 100' to 300' deep

Remarks: First ground bed installed at this location

RECEIVED
MAR 9 1991
OIL CON. DIV.
DIST. 3

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.

MO-TE DRILLING, INC.

DAY Tuesday

DRILLER Jack LEFT TOWN 7:00 ARRIVED FIELD 12:00
 HELPER Jason LEFT FIELD 5:30 ARRIVED TOWN 6:30
 HELPER Donald TOTAL FOOTAGE TODAY _____

RIG NO. 205 DATE 2-26-91 CLIENT CPS

BEGIN WORK ON HOLE NO. Filan #4 AT _____ FEET

BEGIN WORK ON HOLE NO. _____ AT _____ FEET

TIME		ACTIVITY
FROM	TO	
<u>0</u>	<u>20</u>	<u>Set surface in mud</u>
<u>20</u>	<u>60</u>	<u>Sand blowing soft</u>
<u>60</u>	<u>85</u>	<u>Sandstone gray, salt</u>
<u>85</u>	<u>185</u>	<u>Shale, gray, silty</u>
<u>185</u>	<u>300</u>	<u>Sandstone, gray, hard</u>
<u>260</u>	<u>300</u>	<u>HTD. Sandstone, gray</u>
<u>300</u>		<u>T.D.</u>

BIT RECORD		
SIZE & MAKE	SERIAL NO.	FOOTAGE
<u>1 set 6" blades</u>		
CIRCULATION MATERIAL		
QUAN.	UNIT	MATERIAL

NO. OF LOADS OF WATER _____ SOURCE _____

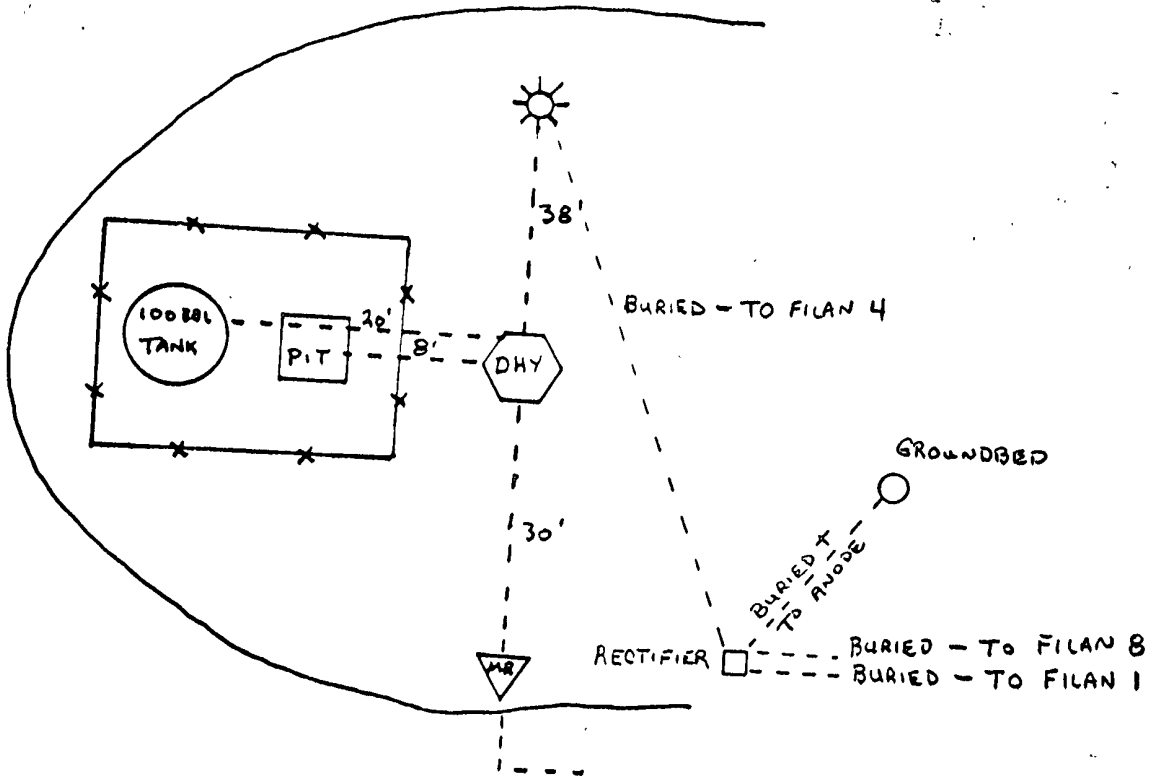
Unocal
CPS #: 251-00084 WELL NAME: Filga No 4 LOCATION: 5 27-8 DATE: 2-26-91

2-26 = TOTAL VOLTS: 12.30 TOTAL AMPS: 8.4 OHS RESISTANCE: 1.464 NOV
2-28-91 = 12.50 ÷ 11.5 = 1.087 ohms

DEEP	LOG ANODE NO.	ANODE NO.	DEEP	LOG ANODE NO.	ANODE NO.	DEEP	LOG ANODE NO.	ANODE NO.	DEEP	LOG ANODE NO.	ANODE NO.	ANODE READINGS		
												NO.	DEPTH	NO COKE
5		185	1.3		365		515		1	2.55	3.3	8.4		
10		190	1.4		370		550					11.5		
15		195	1.4		375		555							
20		200	1.6		380		560							
25		205	1.7		385		565							
30		210	1.8	6	390		570							
35		215	2.0		395		575							
40		220	2.0	5	400		580							
45		225	2.1		405		585							
50		230	2.3	4	410		590							
55		235	2.4		415		595							
60		240	2.8	3	420		600							
65		245	3.4		425		605							
70		250	3.2	2	430		610							
75		255	2.0	1	435		615							
80		260	1.7	1	440		620							
85		265	1.6		445		625							
90		270	1.4		450		630							
95		275	1.5		455		635							
100		280	1.6		460		640							
105		285	1.4		465		645							
110		290	1.4		470		650							
115		295	1.5		475		655							
120	1.7	300	1.7		480		660							
125	1.5	305			485		665							
130	1.6	310			490		670							
135	1.7	315			495		675							
140	1.6	320			500		680							
145	1.5	325			505		685							
150	1.5	330			510		690							
155	1.5	335			515		695							
160	1.5	340			520		700							
165	1.4	345			525		705							
170	1.4	350			530		710							
175	1.4	355			535		715							
180	1.4	360			540		720							

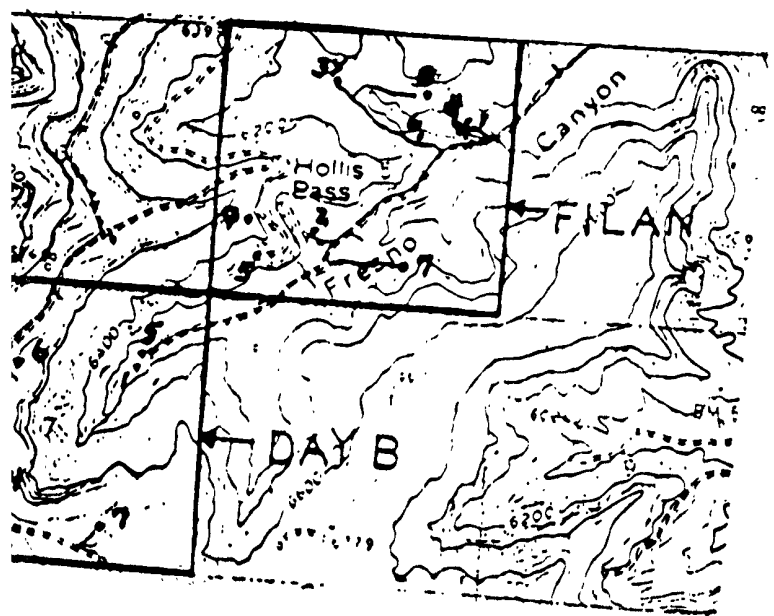
2/26/91
2/28/91

REMARKS: 20' casing - Allvent 200' - Dia 6" - 300' 1/2"



~~CONDUCTOR~~ BURIED DC CABLE IN ROAD

● LOCATION OF GROUNDBED & RECTIFIER



FILAN 4 MV
SE/NE SEC 5 T27N R8W NMPM
METER NO. 72303
SF 078461

UNOCAL