

6 - 30-045-10494
13 - 30-045-10483
103 - 30-045-27283

71.

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

Operator MERIDIAN OIL CO. Location: Unit SW Sec. 20 Twp. 31 Rng. 11

Name of Well/Wells or Pipeline Serviced Granier # 6 & # 13 & # 103

Elevation _____ Completion Date 7/17/90 Total Depth 300 ft. Land Type _____

Casing Strings, Sizes, Types & Depths Set 60 ft. 8" PVC CEMENTED WITH

FIVE SACKS

If Casing Strings are cemented, show amounts & types used FIVE SACKS OF

PORTLAND CEMENT

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

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. 110 to 120 ft., no sample also water sand at 45-50 ft.

wash water 0 to 20 ft.

Depths gas encountered: _____

Ground bed depth with type & amount of coke breeze used: _____

290 logged and 3000 lbs of Ashbury Petroleum Coke used.

Depths anodes placed: 265, 255, 245, 235, 225, 215, 205, 195, 185, 175

Depths vent pipes placed: 290 ft. 1" vent pipe

Vent pipe perforations: 190 ft. perforated

Remarks: _____

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

2

Drilling Log (Attach Hereto) ☐Completion Date 7-17-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
4065-W	GRANIER # 6			☒ Good ☐ Bad
	GRANIER # 13			
	GRANIER # 103			
Location:	Anode Size:	Anode Type:	Size Bit:	
SW20-31-11	2" X 60'	ANOTEC	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300'	290'		3000#	
Anode Depth				
# 1 265'	# 2 255'	# 3 245'	# 4 235'	# 5 225'
# 6 215'	# 7 205'	# 8 195'	# 9 185'	# 10 175'
Anode Output (Amps)				
# 1 6.6	# 2 4.9	# 3 5.5	# 4 6.5	# 5 7.0
# 6 6.5	# 7 6.3	# 8 7.3	# 9 7.4	# 10 7.8
Anode Depth				
# 11	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Anode Output (Amps)				
# 11	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used
Volts 12.6	Amps 23.6	Ohms .53		

Remarks: SET 60' of 8" PVC casing. DRILLER SAID HIT WATER AT 20'. HAD TO INJECT WATER TO SET CASING. DID NOT GET WATER SAMPLE. POURED 30 gal. of cement and let equalized outside and inside P.I.P.E. INSIDE P.I.P.E. and 15 gal. of cement ON OUTSIDE OF P.I.P.E. TO SEAL OFF WATER. DRILLER SAID HIT WATER SAND AT 110'. INJECTING WATER, DID NOT GET WATER SAMPLE. INSTALLED 290' of 1" VENT P.I.P.E. ISOLATED WATER ZONES BY CASING AND CEMENT. LEFT COKE BREEZE APPROX. 130' DOWN HOLE. PERFORATED 190' of 1" VENT P.I.P.E.

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 227'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

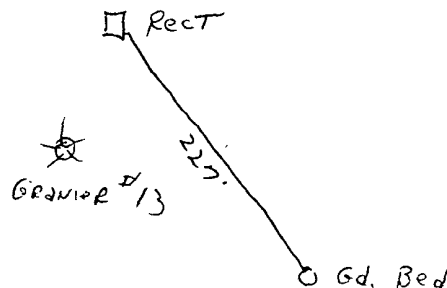
Willis Doughty, Jr.
(Signature)

GROUND BED LAYOUT SKETCH

GRANIER #103

GRANIER #6

RECEIVED
 AUG 28 1990
 OIL CON. DIV. I
 DIST 3



1/14/84 011
CONSTRUCTION LOGGING READINGS

CPS #: 4065-W WELL NAME: GRANIER #6-13-103 LOCATION: SW 20-31-11 DATE: 7-17-90

TOTAL VOLTS: 12.6 TOTAL AMPS: 23.6 OHMS RESISTANCE: 53

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.			COKE	COKE
5			185	1.9	9	365			545			1	265	3.3	6.6
10			190	2.1		370			550			2	255	2.2	4.9
15			195	1.8	8	375			555			3	245	2.6	5.5
20			200	1.9		380			560			4	235	3.8	6.5
25			205	1.8	7	385			565			5	225	3.1	7.0
30			210	1.7		390			570			6	215	3.2	6.5
35			215	1.9	6	395			575			7	205	2.2	6.3
40			220	2.1		400			580			8	195	2.4	7.3
45			225	2.0	5	405			585			9	185	2.5	7.4
50			230	1.8		410			590			10	175	2.7	7.8
55			235	2.0	4	415			595						
60			240	2.0		420			600						
65			245	1.7	3	425			605						
70			250	2.0		430			610						
75			255	2.1	2	435			615						
80			260	2.4		440			620						
85			265	2.8	1	445			625						
90			270	4.1		450			630						
95			275	4.3		455			635						
100	1.2		280	3.9		460			640						
105	1.0		285	3.9		465			645						
110	1.0		290	3.8	7.0	470			650						
115	1.90		295			475			655						
120	1.2		300			480			660						
125	1.0		305			485			665						
130	1.50		310			490			670						
135	1.3		315			495			675						
140	2.1		320			500			680						
145	1.9		325			505			685						
150	1.7		330			510			690						
155	2.3		335			515			695						
160	2.0		340			520			700						
165	2.0		345			525			705						
170	1.7		350			530			710						
175	2.1	10	355			535			715						
180	2.0		360			540			720						

REMARKS:

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

Tool Dresser