

1128

E

30-039-23589

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

Operator MERIDIAN OIL Location: Unit SE Sec. 3 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #109E
cps 1753w

Elevation 6777' Completion Date 9/24/85 Total Depth 500' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 180', 260' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 467', 410', 400', 320', 310', 300', 290', 280', 240', 220'

Depths vent pipes placed: 500'

Vent pipe perforations: 320'

Remarks: (gb) #1

RECEIVED
MAY 31 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☒Completion Date 9-24-85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins	Union Check					
1753-W	SAN JUAN 27-5 UNIT 109-E		600' NW = 87'	☒	Good ☐ Bad					
Location	Anode Size	Anode Type	Size Bit							
SE 3-27-5	2" x 60" 2" x 60"	Duriron	6 3/4"							
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used					
500	488									
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	467	410	400	320	310	300	290	280	240	220
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	4.0	3.9	3.5	4.0	4.3	4.5	4.8	3.6	3.7	3.6
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	Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
	12.6		22.0		.57					

Remarks: Driller SAID hit moisture AT 180' AND AT 260' UNABLE TO GET SAMPLE. DRILLED TO 500' LOGGED 488'. INSTALLED 500' of 1" PVC VENT PIPE; PERFORATED BOTTOM 320' of VENT PIPE

Reg. HRS. 9-23 4
9-24 8

O.T. HRS. 9-24 4

Rectifier Size: 40 V 16 A

Add'l Depth

Depth Credit: 12' x 3.00 = 36

Extra Cable: 218' x 7.37 = 80.66

Ditch & 1 Cable: 155' x 1.35 = 209.25

25' Meter Pole: 1

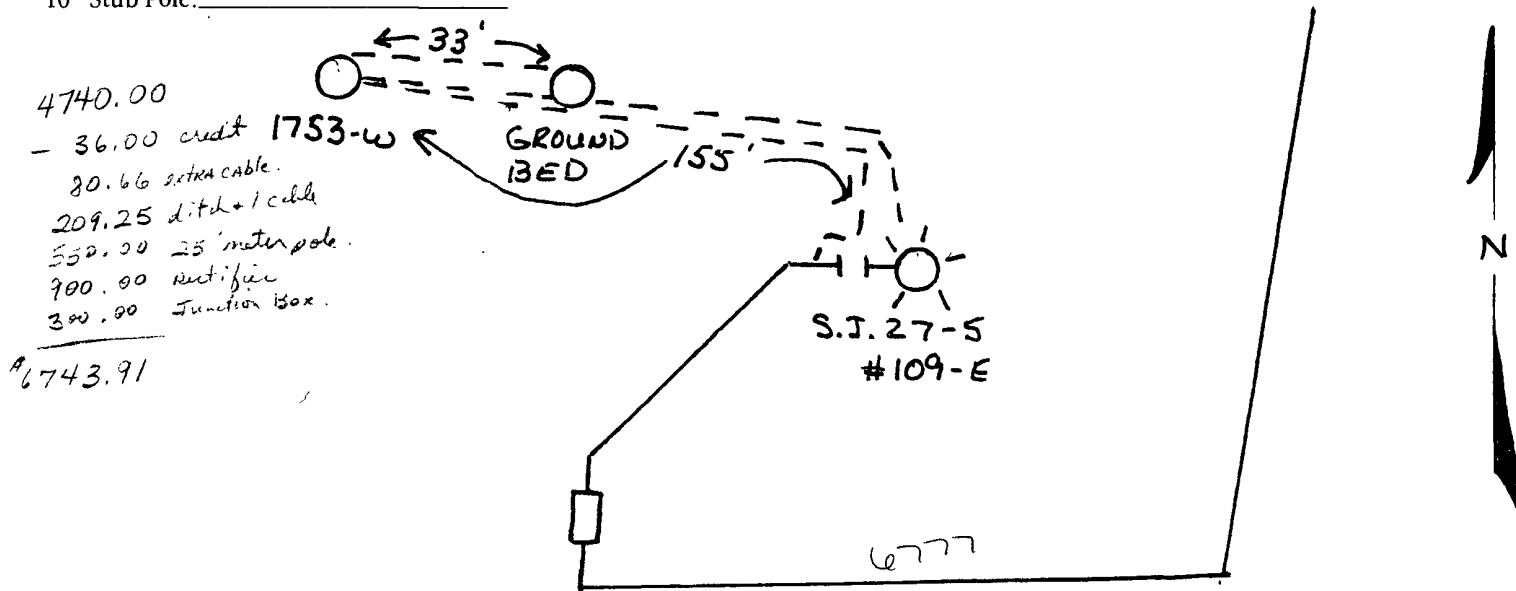
20' Meter Pole:

10' Stub Pole:

All Construction Completed

Michael R. Williams
(Signature)

GROUND BED LAYOUT SKETCH



CPS #: 1753-W WELL NAME: SAN JUAN 27-S #109-E LOCATION: SE3-27-S DATE: 9-24-85

TOTAL VOLTS: 12.6 TOTAL AMPS: 22.0 OHMS RESISTANCE: .57

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.7		365	.7		545			①	467'	1.9	4.0
10			190	2.3		370	.6		550			②	410'	1.9	3.9
15			195	.9		375	.7		555			③	400'	1.9	3.5
20			200	1.3		380	1.3		560			④	320'	2.4	4.0
25			205	1.5		385	1.6		565			⑤	310'	2.6	4.3
30			210	1.7		390	1.6		570			⑥	300'	2.6	4.5
35			215	1.9		395	1.7		575			⑦	290'	3.0	4.8
40			220	2.1	⑩	400	1.8	③	580			⑧	280'	2.3	3.6
45			225	1.6		405	1.9		585			⑨	240'	2.3	3.7
50			230	1.5		410	1.9	②	590			⑩	220'	2.0	3.6
55			235	2.0		415	1.2		595						
60			240	2.5	⑨	420	.8		600						
65			245	1.9		425	.8		605						
70			250	1.1		430	.9		610						
75			255	.9		435	.6		615						
80			260	.8		440	.9		620						
85			265	.8		445	.6		625						
90			270	.9		450	1.0		630						
95			275	1.4		455	.7		635						
100			280	2.6	⑧	460	.7		640						
105			285	2.9		465	1.5	⑦	645						
110			290	3.2	⑦	470	1.9		650						
115			295	2.9		475	2.1		655						
120			300	2.7	⑥	480	2.6		660						
125			305	2.5		485	2.5		665						
130			310	2.8	⑤	490			670						
135			315	2.7		495			675						
140			320	2.3	④	500			680						
145			325	1.7		505			685						
150	2.9		330	1.4		510			690						
155	2.7		335	.7		515			695						
160	1.9		340	.5		520			700						
165	1.0		345	.6		525			705						
170	.4		350	.7		530			710						
175	.2		355	.7		535			715						
180	.5		360	.7		540			720						

REMARKS: Driller said hit moisture at 180' and at 260'
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 320 of VENT PIPE

