

#51 30-039-06888^E

#121 30-039-20301

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

Operator MERIDIAN OIL Location: Unit SW Sec. 28 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #51, #121
cps 1759w

Elevation 6457' Completion Date 10/16/85 Total Depth 400' 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. 30'

Depths gas encountered: N/A

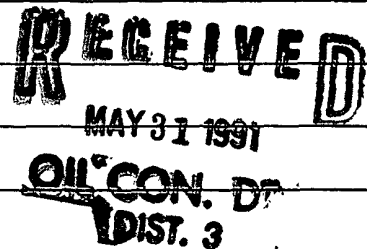
Type & amount of coke breeze used: 4800 lbs.

Depths anodes placed: 345', 335', 325', 315', 305', 260', 205', 195', 170', 160'

Depths vent pipes placed: 390'

Vent pipe perforations: 360'

Remarks: Cgb #1



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 10/16/85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins Union Check
1759 W	S.J. 27-5 #51 53957. S.J. 27-5 #121 54764.		.66 V S. .74 V S.	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
SW 28-27-5	2" x 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used
400	390		4800	
Anode Depth				
#1 345	#2 335	#3 325	#4 315	#5 305
#6 260	#7 205	#8 195	#9 170	#10 160
Anode Output (Amps)				
#1 3.0	#2 3.2	#3 3.4	#4 4.7	#5 3.5
#6 2.6	#7 3.9	#8 4.1	#9 3.5	#10 3.3
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 11.9	Amps 17.7	Ohms .67		

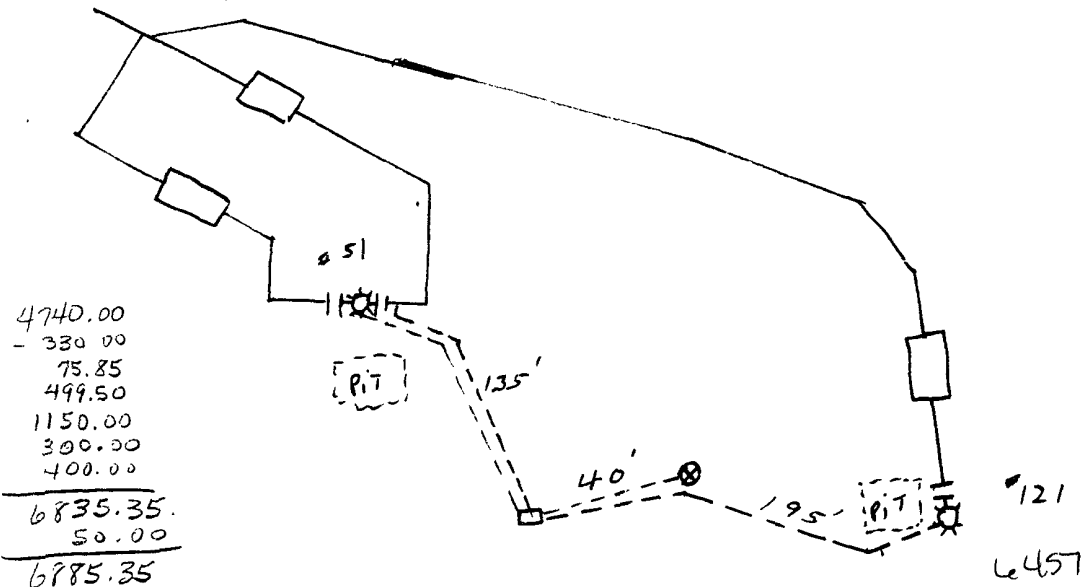
Remarks: Driller said WATER AT 30'. Drilled Hole with clear
Water, Drilled To 400', Logged 390'. Installed 390' of 1" P.V.C.
VENT Pipe, Perforated To 30'.

Rectifier Size: 60 V 30 A - 1150.
 Addn'l Depth —
 Depth Credit: 110' x 3.00 = 330.00
 Extra Cable: 205' x .37 = 75.85
 Ditch & 1 Cable: 370' x 1.35 = 499.50
 25' Meter Pole: —
 20' Meter Pole: —
 10' Stub Pole: 1 - 400.00

All Construction Completed

GROUND BED LAYOUT SKETCH

(Signature)
 (Signature)



EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

S. J. 27-5-51
CPS #: 1759 ✓ WELL NAME: S. J. 27-5-121 LOCATION: S. J. 27-5-121 DATE: 10/16/85
TOTAL VOLTS: 11.9 V TOTAL AMPS: 17.7 A OHMS RESISTANCE: .67

												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	1.3		365	.6		545			1	345	1.8	3.0
10			190	1.6		370	.6		550			2	335	2.0	3.2
15			195	2.8	- ②	375	.6		555			3	325	2.1	3.4
20			200	2.8		380	.5		560			4	315	3.1	4.7
25	.9		205	2.1	- ①	385			565			5	305	2.1	3.5
30	1.8		210	1.3		390	390	T.D.	570			6	260	1.9	2.6
35	1.8		215	1.3		395			575			7	205	2.5	3.9
40	1.7		220	1.3		400			580			8	195	2.5	4.1
45	1.6		225	1.0		405			585			9	170	2.4	3.5
50	1.6		230	1.6		410			590			10	160	2.3	3.3
55	2.0		235	.5		415			595						
60	1.5		240	.4		420			600						
65	1.0		245	.7		425			605						
70	1.0		250	.4		430			610						
75	1.0		255	1.5		435			615						
80	.8		260	1.8	- ⑥	440			620						
85	.9		265	1.1		445			625						
90	1.0		270	.7		450			630						
95	.9		275	.4		455			635						
100	.8		280	.4		460			640						
105	.8		285	.4		465			645						
110	.8		290	.4		470			650						
115	1.0		295	.3		475			655						
120	1.7		300	.3		480			660						
125	.9		305	1.7	- ⑤	485			665						
130	.7		310	2.7		490			670						
135	.8		315	3.0	- ④	495			675						
140	.6		320	2.5		500			680						
145	1.2		325	2.1	- ③	505			685						
150	1.0		330	2.2		510			690						
155	.8		335	1.9	- ②	515			695						
160	2.2	- ①	340	1.8		520			700						
165	2.4		345	1.7	- ①	525			705						
170	2.1	- ②	350	1.4		530			710						
175	1.9		355	1.2		535			715						
180	1.8		360	.7		540			720						

REMARKS: DRILLER SAID WATER AT 30', DRILLED HOLE WITH COLD WATER, DRILLED TO 400', LOGGED 390', INSTALLED 390' of 1" P.V.C. VENT PIPE, PERFORATED TO 30'

