

1079

56-30-039-06805

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170-30-039-20662

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

Operator MERIDIAN OIL INC. Location: Unit SW Sec. 34 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #56, #170
cps 1796w

Elevation 6529' Completion Date 10/25/85 Total Depth 340' 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. 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 295', 285', 275', 265', 255', 245', 235', 225', 160'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

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 10-25-85

CPS #		Well Name, Line or Plant		55542 53911		Work Order #		Static		Ins Union Check	
1796 W		SS27-5 #1703 #56						.66 .64		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit					
SW 34-27-5		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	
340		340									
Anode Depth		# 1		# 2		# 3		# 4		# 5	
320		295		285		275		265		255	
Anode Output (Amps)		# 1		# 2		# 3		# 4		# 5	
4.1		3.9		4.5		4.1		5.0		4.2	
Anode Depth		# 11		# 12		# 13		# 14		# 15	
Anode Output (Amps)		# 11		# 12		# 13		# 14		# 15	
Total Circuit Resistance		Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
12		18.9		.63							

Remarks: Driller said he hit water at 100'. Drilled with air and light foam mixture. Vent pipe perforated up to 80'.

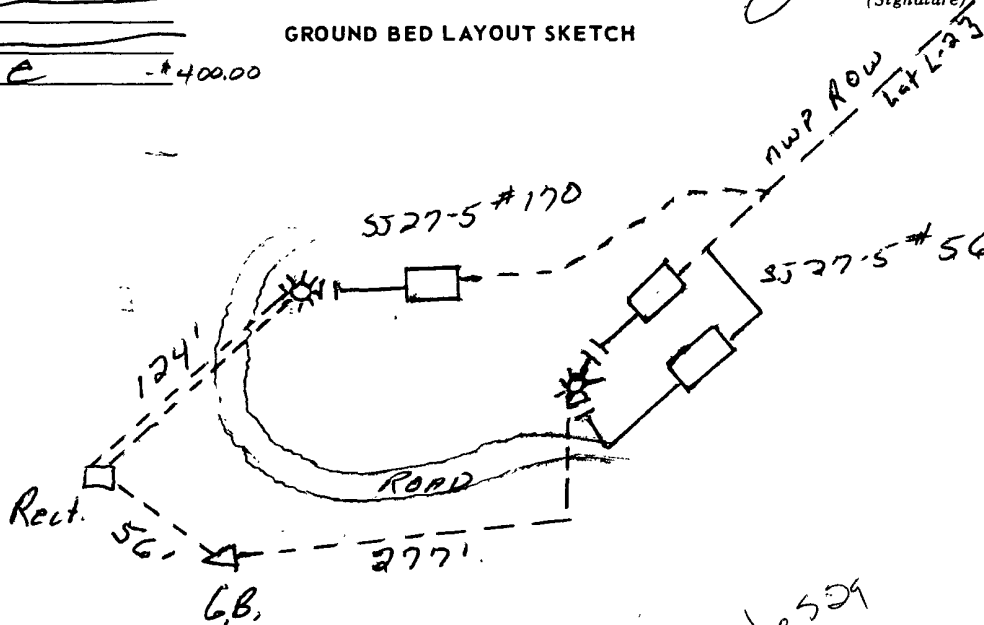
Rectifier Size: 40 V 16 A = 900.00
 Addn'l Depth: _____
 Depth Credit: 160' x 3.00 = 480.00
 Extra Cable: 164' x .37 = 60.68
 Ditch & 1 Cable: 457' x 1.35 = 616.95
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: one = 400.00

All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 480.00
 60.68
 616.95
 900.00
 400.00
 300.00
 # 6537.63



EL PASO NATURAL GAS COMPANY
 CC TRUCTION LOGGING READINGS

CPS #: 1796 W WELL NAME: SJ 27-5 #1703 #56 LOCATION: SW 34-27-5 DATE:

TOTAL VOLTS: 12 TOTAL AMPS: 18.9 OHMS RESISTANCE: .63

												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	.6		365			545			1	320	2.4	4.1
10			190	.6		370			550			2	295	2.6	3.9
15			195	.6		375			555			3	285	2.9	4.5
20			200	.8		380			560			4	275	2.7	4.1
25			205	1.6		385			565			5	265	3.3	5.0
30			210	1.2		390			570			6	255	2.6	4.2
35			215	1.8	XXX	395			575			7	245	2.8	4.4
40			220	2.8		400			580			8	235	2.4	3.8
45			225	3.0	9.	405			585			9	225	3.4	4.9
50			230	2.1		410			590			10	160	3.2	5.1
55			235	2.1	8.	415			595						
60			240	2.3		420			600						
65			245	2.4	7.	425			605						
70			250	2.3		430			610						
75			255	2.4	6.	435			615						
80			260	2.5		440			620						
85			265	3.0	5.	445			625						
90			270	2.4		450			630						
95			275	2.3	4.	455			635						
100	1.0		280	2.1		460			640						
105	3.1		285	2.6	3.	465			645						
110	3.2		290	3.1		470			650						
115	3.4		295	2.4	2.	475			655						
120	3.3		300	1.9		480			660						
125	3.3		305	1.8		485			665						
130	2.8		310	1.9		490			670						
135	2.3		315	2.1		495			675						
140	2.3		320	2.4	11.	500			680						
145	1.9		325	2.4		505			685						
150	2.4		330	2.6		510			690						
155	2.6		335	2.9		515			695						
160	3.1	10	340	TD	340	520			700						
165	2.4		345			525			705						
170	1.6		350			530			710						
175	1.2		355			535			715						
180	1.0		360			540			720						

REMARKS: Driller said he hit water at 100'

