

766

11-30-045-20992

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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. 29 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced MANSFIELD #11

cps 1085w

Elevation 5913' Completion Date 5/23/77 Total Depth 460' 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. 60'

Depths gas encountered: N/A

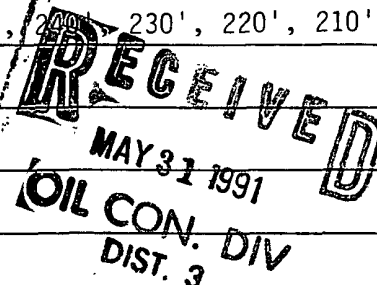
Type & amount of coke breeze used: 36 SACKS

Depths anodes placed: 280', 270', 260', 250', 240', 230', 220', 210', 200', 190'

Depths vent pipes placed: 300' OF 1"

Vent pipe perforations: 120'

Remarks: rgb #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

12 1/2" dia

logged

Drilling Log (Attach Hereto). ☐

Completion Date *5-23-77*

Well Name MANSFIELD #11		Location SW 29-30-9		CPS No. 1085W	
Type & Size Bit Used 6 3/4"				Work Order No. 55164	
Anode Hole Depth 460 (291' logged)	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 280	# 2 270	# 3 260	# 4 250	# 5 240	# 6 230
# 7 220	# 8 210	# 9 200	# 10 190		
Anode Output (Amps)					
# 1 6.1	# 2 5.9	# 3 6.1	# 4 5.5	# 5 5.9	# 6 5.4
# 7 6.1	# 8 6.5	# 9 5.7	# 10 6.0		
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	
Volts 11.5	Amps 26.3	Ohms 0.44			No. 2 C.P. Cable Used

Remarks: *DRILLED 460'. Logged 291'. WATER STANDING @ 60'*
STARTING INJ @ 360'. SHIPPED 36 SACKS OF COKE
PERFORATED 120' OF VENT PIPE. INSTALLED 300' 1" PVC VENT PIPE

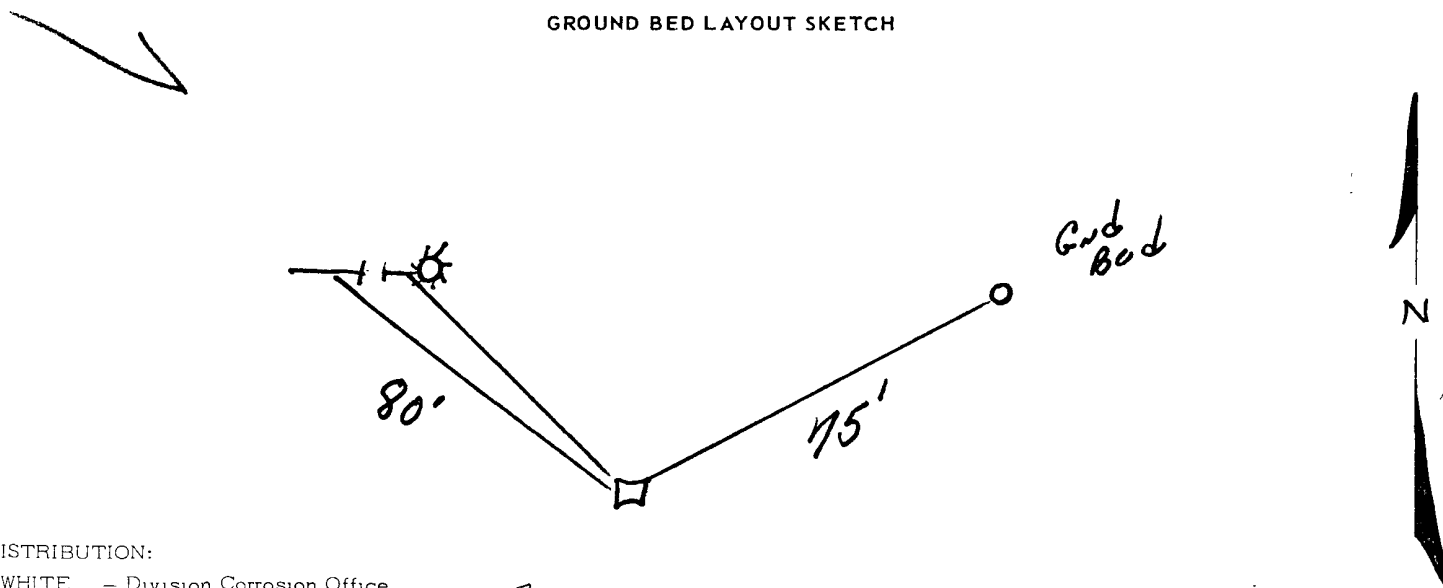
STAKE 600' EAST 70

Rectifier & Rectifier
Pole Woods to be set

All Construction Completed

W. L. Lott
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

5913

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

CPS 1085W MANS Field #11

DRILLER SAID wet @ 50'					Started Int. @ 360'		
					Water Standing @ 60'		
					291 Bottom		
					Vent Pipe Perforated 120'		
					300' Vent pipe		
100	3.6	③ - 60	3.4	20			
	3.8		3.6				
10	4.0	② 70	3.5	30			
	4.1		3.6				
20	3.9	① - 80	3.3	40			
	3.7		3.5				
30	4.0	90	3.7	50			
	3.8	291	3.7				
40	3.7	300		60			
	3.4						
50	3.1	10					
	3.1				① 280	3.3	6.1
60	3.2	20					
	3.7				② 270	2.5	5.9
70	4.0	30					
	3.9				③ 260	3.4	6.1
80	3.1	40					
	3.2				④ 250	3.2	5.5
⑩ - 90	3.4	50					
	3.4				⑤ 240	3.1	5.9
⑨ - 200	3.4	60					
	3.4				⑥ 230	3.2	5.4
⑧ - 10	3.5	70					
	3.3				⑦ 220	3.4	6.1
⑦ - 20	3.4	80					
	3.0				⑧ 210	3.5	6.5
⑥ - 30	3.2	90					
	3.1				⑨ 200	3.4	5.7
⑤ - 40	3.1	400					
	3.4				⑩ 190	3.4	6.0
④ - 50	3.2	10					
	3.0						
					11.5 V 26.3 Amps		

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.58
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.2
156	NC ₇ 17.46
170	IC ₈ 19.38
184	NC ₈ 19.66
200	IC ₉ 21.67

MW	gas/mol
44	CO ₂ 8.78
58	H ₂ O 5.12
72	N ₂ 4.26
86	H ₂