

1- 30-045-10075 3514
13- 30-045-21269
20- 30-045-26965

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 L Sec. 35 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC C #1, #13, #201

cps 2082w

Elevation 6390 Completion Date 5/17/72 Total Depth 320' 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. 140'

Depths gas encountered: N/A

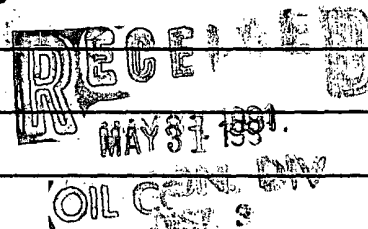
Type & amount of coke breeze used: 5200 lbs.

Depths anodes placed: 280', 270', 260', 250', 240', 230', 220', 210', 170', 1

Depths vent pipes placed: N/A

Vent pipe perforations: 280'

Remarks: gb #2



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

Completion Date 5-17-72

Drilling Log (Attach Hereto) ☐

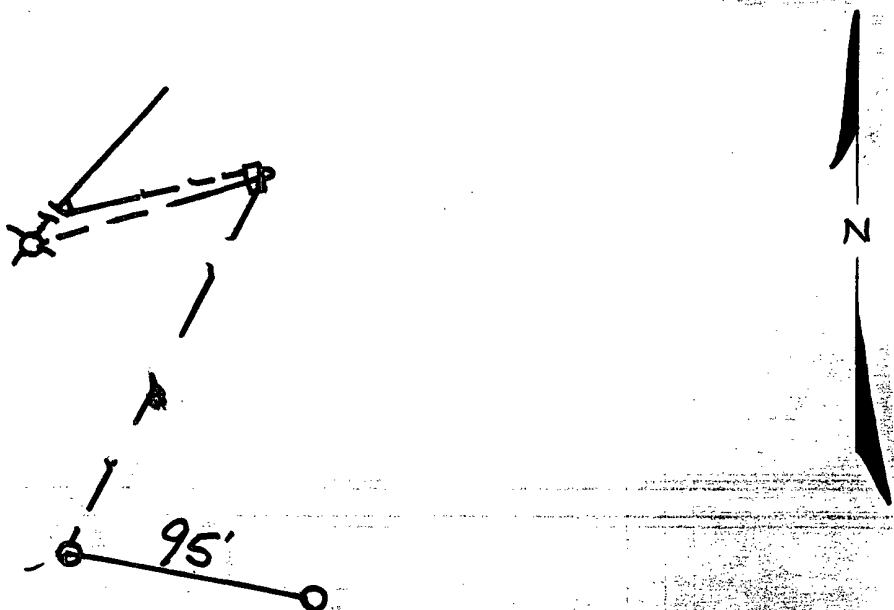
Well Name <u>Atlantic C1</u>		Location <u>5W 35-31-10</u>		CPS No. <u>382W 2082</u>	
Type & Size Bit Used <u>6 3/4 -</u>				Work Order No. <u>184-52248-50-2</u>	
Anode Hole Depth <u>320</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>5200</u>	Lost Circulation Mat'l Used		No. Sacks Mud Used
Anode Depth					
# 1 <u>280</u>	# 2 <u>270</u>	# 3 <u>260</u>	# 4 <u>250</u>	# 5 <u>240</u>	# 6 <u>230</u>
# 7 <u>220</u>	# 8 <u>210</u>	# 9 <u>170</u>	# 10 <u>160</u>		
Anode Output (Amps)					
# 1 <u>3.7</u>	# 2 <u>4.4</u>	# 3 <u>3.3</u>	# 4 <u>4.2</u>	# 5 <u>3.3</u>	# 6 <u>3.2</u>
# 7 <u>2.9</u>	# 8 <u>1.6</u>	# 9 <u>3.9</u>	# 10 <u>4.0</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance			No. 8 C.P. Cable Used		
Volts <u>11.2</u>	Amps <u>11.5</u>	Ohms <u>.97</u>	No. 2 C.P. Cable Used		

Remarks: Water level at 185, Could hear Water Falling
in Hole — Vent hose Perforated 280' —
Driller said Water at 140'
Pump Coke within 100' of surface. 220 shovels = Est. 350
Slurry last 100' Est 1700' Est Total 5200 lbs

All Construction Completed

Paulek - Daniels
(Signature)

GROUND BED LAYOUT SKETCH



382W - ATLANTIC

125		Driller said			Stop drilling at 9:30 PM - 5-16-72
32		water at 140'			Log 9:30 AM 5-17-72
					Water level at 185'
40	4				Could hear wtr running in hole
	75				
52	25		1	280	2.15 2.6 3.7
	65		2	270	3.15 2.7 4.4
60	3		3	260	3.3 1.95 3.3
	5		4	250	2.45 2.6 4.2
	5		5	240	3.45 2.0 3.3
	25		6	230	2.5 2.0 3.2
	5		7	220	2.45 1.7 2.9
	1.3		8	210	2.0 1.0 1.6
72	1.5		9	170	1.4 Above 3.9
	1.2		10	160	1.1 water 4.0
200	1.25				
	1.50				
10	2.0				11.2W 11.5A
	2.7				
20	2.45				
	2.25				
30	2.55				
	3.0				
40	3.45				
	2.7				
50	2.45				
	3.0				
60	3.3				
	3.4				
70	3.15				
	2.7				
80	2.15				
	1.6				
90	1.2				
	.8				
300	6	Bottom			

MW		gas/mol
16	C ₁	6.4
30	C ₂	9.56
44	C ₃	10.42
58	ICA	12.38
72	ICA	11.93
86	ICA	13.85
100	ICA	15.71
114	ICA	15.50
128	ICA	15.57
142	ICA	17.2
156	ICA	17.46
170	ICA	19.38
184	ICA	19.64
198	ICA	19.67

MW	MISC.	gas/mol
44	CO ₂	6.38
58	H ₂	7.11
72	N ₂	4.16
86	H ₂	3.38

[illegible]