

#1 = 30-045-10074
#201 = 30-045-27062

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. 36 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC D COM #1, #201

cps 337w

Elevation 6627' Completion Date 11/9/74 Total Depth 650' 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. 90'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 530', 520', 510', 500', 490', 470', 460', 430', 420', 410'

Depths vent pipes placed: N/A

Vent pipe perforations: 500'

Remarks: Q6 #2 FIRST HOLE 620' CAVED, SECOND HOLE 480' PULLED PIPE TO 380'-PIPE,

STUCK.

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.

RECEIVED

MAY 31 1991

OIL CO.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 11-9-74

Well Name Atlantic O Comp. #1		Location SW 36-31-10		CPS No. 337W	
Type & Size Bit Used 6 3/4				Work Order No. 52285	
Anode Hole Depth 650	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 530	# 2 520	# 3 510	# 4 500	# 5 490	# 6 470
# 7 460	# 8 430	# 9 420	# 10 410		
Anode Output (Amps)					
# 1 2.9	# 2 3.1	# 3 3.3	# 4 2.6	# 5 2.4	# 6 2.8
# 7 2.5	# 8 3.2	# 9 3.1	# 10 2.5		
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 12.2	Amps 12.0	Ohms 1.01	155'		

Remarks: Start Drill 10-25-74 - Drilled to 620 logged to 360 - Caved - Moved
d Drilled to 480 - Pulled Pipe to 380. Pipe Stuck overnight - Moved
d Drilled to 650 - Drilled to 120 with air, 120 to 650 with Mud -
Vent Perforated 500' - Pump to Surface 3 Loads water

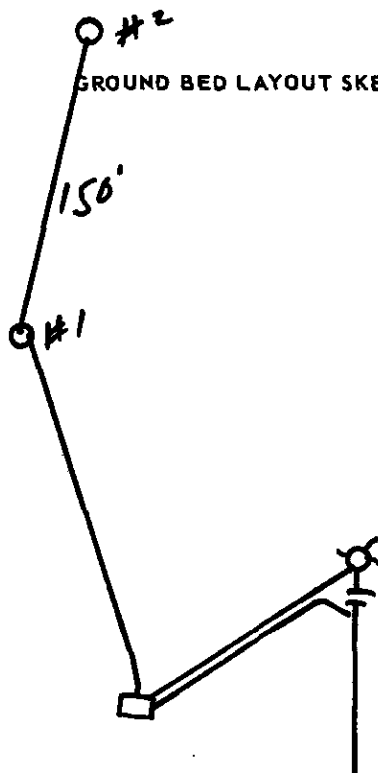
\$ 3,409.00
62.00 Cable
 \$ 3,471.00
+ 412.50 EXTRA DEPTH
 \$ 3,883.50
155.34 TAX
 \$ 4,038.84 TOTAL

155' of #8
 Surface Cable

All Construction Completed

Dave
 (Signature)

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUNDING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 46TH AVENUE

BAILEY OFFICE
CALL 1-859-4821

Drill CP, 650

Date _____

Owner CPS, 337 W

Location
City Farmington State NW County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller Glackel K. Kupp

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

337 W X = 6.6

11-9-74

MW	gas/mol
14	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	C ₄ 12.38
72	NCA 11.93
86	NCA 13.85
100	NCA 15.77
114	CA 15.50
128	CA 16.37
142	CA 17.2
156	CA 17.94
170	CA 18.38
184	CA 18.82
198	CA 19.27

MW	MISC.	gas/mol
14	CO ₂	6.18
28	N ₂	4.16
42	H ₂	3.38

120	300	480	8	Drilled to 620'
			12	Log to 360' Hole Cased
30	10	90	1.5	Moved & Drilled to 480
			1.5	Pipe Stuck in Hole, Left
40	20	500	1.7	1 Joint Drill Pipe at 380
			2.0	Moved & Drilled to 650'
50	30	10	2.0	Drilled 120' with air
			1.7	Chng to Mud to 660'
60	40	20	2.0	
			1.6	
70	50	30	1.6	
			1.7	
80	60	40	1.5	Vent Perf 500'
			1.2	Pump to Surface
90	70	50	1.3	
			1.4	
200	80	60	1.8	
			1.8	
10	10	70	1.5	
			1.1	
20	40	50	1.9	Log u/s c/o
			5	1 530 1.6 1.9 2.9
			7	2 520 2.0 2.1 3.1
30	10	90	1.7	3 510 2.0 2.4 3.3
			1.8	4 500 1.7 1.7 2.6
40	20	60	1.3	5 490 1.5 1.5 2.4
			1.9	6 470 1.6 1.9 2.8
50	30	10	1.7	7 460 1.7 1.8 2.5
			1.2	8 430 1.8 2.2 3.2
60	40	20	1.8	9 420 1.8 2.0 3.1
			1.2	10 410 1.4 1.6 2.5
70	50	30	1.9	
			1.4	
80	60	40	1.8	12.2 v 12.0 A = 1.01
			1.7	
			1.6	
90	70	50	1.6	
			1.0	

EL PASO NATURAL GAS COMPANY
ENGINEERING DEPARTMENT

Sheet _____ of _____

Date: _____

By: _____

337W - X-6.6

018 GB
Bull 2-1-66
Top of Hole

WT	ASL/mol
12	4.5
16	4.5
20	4.5
24	4.5
28	4.5
32	4.5
36	4.5
40	4.5
44	4.5
48	4.5
52	4.5
56	4.5
60	4.5
64	4.5
68	4.5
72	4.5
76	4.5
80	4.5
84	4.5
88	4.5
92	4.5
96	4.5
100	4.5

100		280	5	460	Driller Said wtr at 100'
10		90	3	70	10-25 - Drill 100'
			2		10-28 Drill to 400'
20		300	2	80	Bridge or Boot at 70'
	4		2		10-29 - Rain
30	4	10	2	90	10-30 - Ran Pipe in Hole & Clean
	3		3		Logged - Not Enough
40	3	20	3	500	Driller Started Pipe Back
	1		4		to Drill Deeper. Cont'd Repair
50	1	30	4	10	Inst. Driller Pulled Pipe Out
			4		Re-log - No Difference
60		40	4	20	Go Back & Drill Deeper
			4		10-31-74 -
70		50	6	50	Drilled to 620'
			6		Log Anode Stopped at 3'
80		60	6	45	Moved Rig & Start
	4				New Hole
90	4	70		50	Drilled to 480'
	3				Pulled up to 380'
200	2	80		60	overnight, Pipe Stuck
	3				Backed off Pipe
10	5	90		70	Leaving 1 joint
	5				Drill Pipe at 380'
30	5	400		80	
	6				
30	10	10		90	
	4				
40	2	20		600	
	1				
50	1	30			
	1				
60	1	40			
	2				
70	6	50			
	8				

Abandoned this Hole

WT	ASL/mol
12	4.5
16	4.5
20	4.5
24	4.5
28	4.5
32	4.5
36	4.5
40	4.5
44	4.5
48	4.5
52	4.5
56	4.5
60	4.5
64	4.5
68	4.5
72	4.5
76	4.5
80	4.5
84	4.5
88	4.5
92	4.5
96	4.5
100	4.5