

4935
30-045-10242

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 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC A #3

cps 332w

Elevation 6071' Completion Date 9/13/74 Total Depth 409' 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 available:
Fresh, Clear, Salty, Sulphur, Etc. 100'

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 365', 355', 345', 335', 325', 315', 305', 295', 285', 275'

Depths vent pipes placed: N/A

Vent pipe perforations: 325'

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

1030000

Drilling Log (Attach Hereto)

Completion Date 9-13-74

Well Name ATLANTIC A #3				Location SW 28-31-10				CPS No. 332 W			
Type & Size Bit Used								Work Order No. 52177			
Anode Hole Depth 409		Total Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth	# 1 365	# 2 355	# 3 345	# 4 335	# 5 325	# 6 315	# 7 305	# 8 295	# 9 285	# 10 275	
Anode Output (Amps)	# 1 4.6	# 2 4.0	# 3 2.8	# 4 3.7	# 5 4.7	# 6 4.6	# 7 4.6	# 8 6.0	# 9 5.7	# 10 5.9	
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 Volts 11.2				Amps 16.2		Ohms 0.69		No. 8 C.P. Cable Used 71 FT		No. 2 C.P. Cable Used	

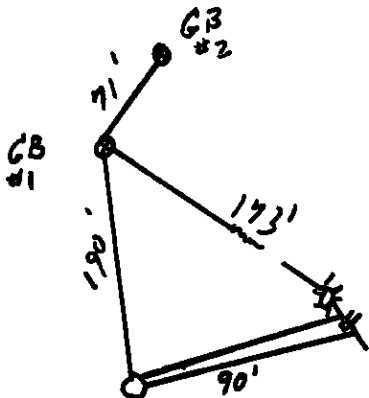
Remarks: DRILLER SAID WATER AT 100'. AFTER 1 HOUR 120'
VENT PIPE PENETRATED 325'. PUMPED COKE TO TOP OF HOLE

All Construction Completed

22 Loux

(Signature)

GROUND BED LAYOUT SKETCH



Handwritten notes:
 43.27.00
 25.00
 173.00
 190.00
 71.00
 TOTAL

11.2 Volts
16.2 Amps
.69 ohms

vent Pipe perforated 325'
Driller said water @ 100'

409 Bottom

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 9.56
44	C ₃ 10.42
58	HC ₄ 12.38
72	NC ₄ 11.93
86	IG ₅ 13.85
100	NG ₆ 13.71
114	IC ₇ 15.50
128	C ₈ 15.57
142	IC ₉ 17.2
156	C ₉ 17.46
170	C ₁₀ 19.38
184	C ₁₁ 19.64
198	C ₁₂ 19.64

MW	MISC.	gas/mol
44	CO ₂	0.18
58	H ₂ S	5.17
72	N ₂	4.16
86	H ₂	3.38

100	.2	80	2.0					
	.2		3.0					
10	.2	90	2.9					
	.3		3.0					
20	.2	300	3.2					
	.5		3.1					
30	.4	10	2.0					
	.5		3.2					
40	.5	20	3.2			①	365-	3.2 - 4.6
	.4		3.2			②	355-	2.8 - 4.0
50	.6	30	3.0			③	345-	1.8 - 2.8
	.2		2.8			④	335-	2.8 - 3.7
60	.4	40	2.5			⑤	325-	3.2 - 4.7
	.3		1.8			⑥	315-	3.3 - 4.6
70	.2	50	2.3			⑦	305-	3.1 - 4.6
	.2		2.8			⑧	295-	3.0 - 6.0
80	.4	60	2.9			⑨	285-	3.0 - 5.7
	.7		3.2			⑩	275-	3.0 - 5.9
90	1.00	70	3.0					
	.8		2.9					
200	.9	80	3.1					
	.7		2.9					
10	.6	90	2.6					
	.5		2.2					
20	.4	400	2.2					
	.4							
30	1.1	10						
	.9							
40	.9	20						
	1.0							
50	.8							
	.8							
60	.2							
	.2							
70	2.6							
	3.3							

STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
 DIAMOND DRILLING EQUIPMENT
 GROUTING
 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. 44TH AVENUE
BAILEY OFFICE
 CALL 1-838-4821

Drill GD 15 W

Date 9-13-74

Owner C.P.S 332 W

Location
 City FARMINGTON State N.M. County _____

From	To	Formation	Color	Hardness
0	30	SURFACE	Bru	Soft
30	120	SANDSTONE	Bk.	Hard
120	230	SANDSTONE WITH STREAKS clay	Bk	Hard
230	400	Shale clay	B1	Med

Injecting at 40
 water at 100

Total Hours _____
 Equipment Down Time _____
 Hours Drilling _____
 Driller Art Gladwell
 Helper _____
 Helper _____

C.P.S. Time _____
 S.W.W.D.I. Time _____
 Total Footage _____
 Approval of C.P.S. Engineer _____