

#21 30-045-23158

#211 - 30-045-27061 -

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 G Sec. 29 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC A #21, #211

cps 2073w

Elevation 5984' Completion Date 1/13/89 Total Depth 300' 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. 50' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 265', 255', 245', 235', 225', 215', 205', 195', 185', 176'

Depths vent pipes placed: 302'

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED
MAY 31 1991

CON. D

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) ☒

Comp 1-1789
Completion Date 1-13-89

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins Union Check
2073-w	ATLANTIC "A" #211	3436A		☒ Good ☒ Bad
33	ATLANTIC "A" #213	44812A		2" BAD
Location:	Anode Size:	Anode Type:	Size Bit:	
G29-31-10	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Goke Used	Lost Circulation Mat'l Used
300'	297'			
Anode Depth				
#1 265'	#2 255'	#3 245'	#4 235'	#5 225'
#6 215'	#7 205'	#8 195'	#9 185'	#10 176'
Anode Output (Amps)				
#1 4.1	#2 4.0	#3 4.1	#4 3.7	#5 3.7
#6 3.7	#7 4.1	#8 4.2	#9 5.2	#10 4.5
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 11.72	Amps 22.5	Ohms .521		

Remarks: DRILLED TO 300'; LOGGED 297'; DRILLER SAID WATER AT 50'; NO SAMPLE. INSTALLED 302' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 260'

555-9537-001-00-0 (lines)

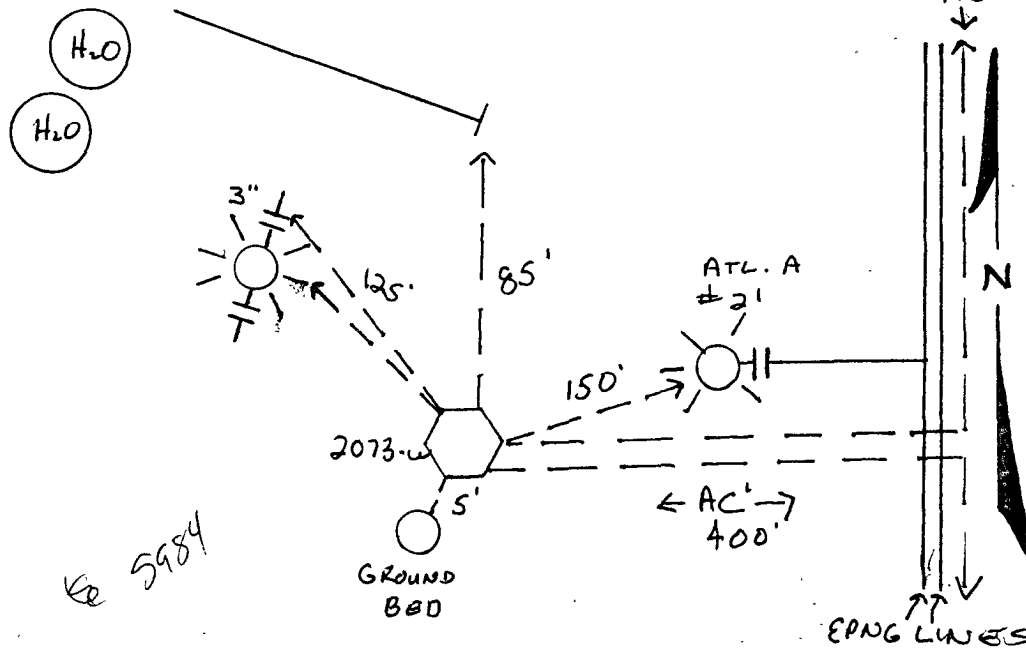
* CAN TIE IN TO EXISTING AC AND CROSS 2" OF EPNG'S MAINLINES; CONTACT ME WHEN DITCHING

Rectifier Size: 40 V 16 A
Addn'l Depth
Depth Credit: 203' 3.50
Extra Cable: 595' 24
Ditch & 1 Cable: 765' 70
25' Meter Pole:
20' Meter Pole:
10' Stub Pole:
Junction Box:

All Construction Completed

msw
(Signature)

GROUND BED LAYOUT SKETCH



4074.00
669.00 RECT
-710.50 CREDIT ✓
142.80 ex. CABLE ✓
535.50 Ditch + 1 ✓
158.50 STUB Pole
225.00 J. Box
5094.30 ✓
254.72 TAX
5349.02 OK92

5984

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 12-14-71
By: RLB
File: 331WCPS 331W ATLANTIC A#8 (MU) 4.4 MIN. AMPS.
CLOSE OFFSET ATLANTIC A#21 (PC) (st 4/5 W = 90 1500 mat)
(4/5 with cps on = .92)

NE 29-31-10

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

ORIGINAL sketch
made - 6-26-79NEG. FROM
331W ON RR
TO A#21

950' By R.O.W.

BURIED AC CABLE

ATLANTIC A#21

CPS-331-W

File.

ATLANTIC
A#8

CPS 331W

950'
80'

Cross DRILLING CO.

Drill No. D-10

DRILLER'S WELL LOG

S. P. No. Atlantic "A" 211 Date 1-13-82

Client Meridian Oil Prospect _____

County San Juan State N.M.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	90	Sand, gravel
90	190	Shale
190	210	Sandstone, sandy shale
210	270	Shale
270	300	Sandstone

Mud _____ Bran _____ Lime _____

Rock Bit Number 1-3/4" Make _____

Remarks: Water 50'

Driller Ron Math