

1169

#23A 30-039-23870

E

#110E 30-039-23699

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 NW Sec. 2 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #110E, #23A
cps 1876w

Elevation 6741' Completion Date 7/20/87 Total Depth 500' 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. 150' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 465', 455', 445', 435', 360', 350', 320', 305', 290', 280'

Depths vent pipes placed: 490'

Vent pipe perforations: 340'

Remarks: gb #1

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

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) ☐Completion Date 7/20/87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1876 W	S.J. 27-5 # 110 E mesa C 2-27-5	2-27-5	.81 N	☒ Good ☐ Bad
	S.J. 27-5 # 23 A mesa C.D. 2-27-5	2-27-5	.79 N	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NW 2-27-5	2" x 60"	DURION	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
500	490			
Anode Depth				
# 1 465	# 2 455	# 3 445	# 4 435	# 5 360
# 6 350	# 7 320	# 8 305	# 9 290	# 10 280
Anode Output (Amps)				
# 1 3.9	# 2 4.3	# 3 4.8	# 4 3.8	# 5 3.0
# 6 3.4	# 7 3.1	# 8 3.6	# 9 5.2	# 10 5.2
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 11.9	Amps 16.8	Ohms 7		

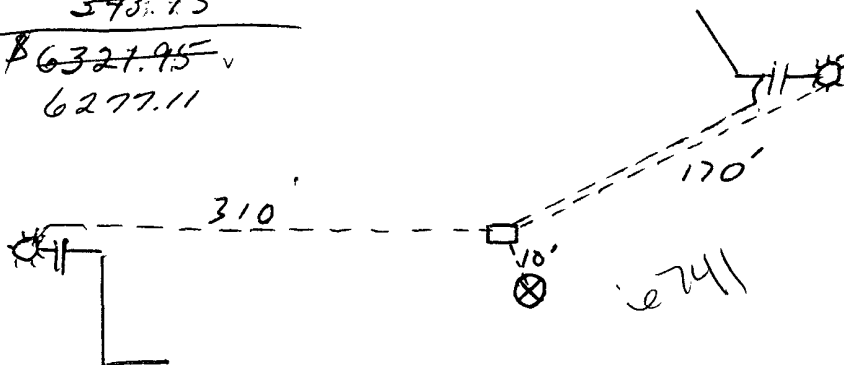
Remarks: WATER AT 150, INSTALLED 490' of 1" P.V.C. VENT pipe,
Perforated 340'

G.B. \$4200.00 ✓
 Rectifier Size: 60 V 28 A 1150.00 ✓
 Addn'l Depth _____
 Depth Credit: -10' -40.00 ✓
 Extra Cable: 40' 10.00 ✓
 Ditch & 1 Cable: 320' 124.80 ✓
 Ditch & 2 Cable: 120' 88.40 ✓
 25' Meter Pole: 1 305.00 ✓
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1 40.00 ✓

All Construction Completed

jc Statts
(Signature)

OS
 5928.20
 TAX 343.95 298.91
 TOTAL \$6321.95 ✓
 6277.11



BURGE CORROSION SYSTEMS

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date _____

7/20/87

Company:

MELICIAN v. L

Well No.

27-5 2110E

Location

NW 2-27-5

- Volts Applied

11.9

Amperes 16.8

[illegible]

BURGE CORROSION SYSTEMS, INC.

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

CPs 1876 W

COMPANY Meridian Oil DAILY DRILLING REPORT 7/20 1987

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
San Juan 27-5	110 E	2	27-N	5 W
WATER AT:		HOLE MADE:		
160		1 GPM		

DESCRIPTION OF FORMATION:[illegible]

REMARKS: _____

Driller

Tool Dresser



CPS 1876 W

1809-1883

API WATER ANALYSIS REPORT FORM

Company <u>Meridian Oil</u>		Sample No.	Date Sampled <u>7/14/87</u>	
Field <u>Gob.</u>	Legal Description <u>C 02-27-05</u>		County or Parish <u>Bio Arriba</u>	State <u>NM</u>
Lease or Unit	Well <u>S.J. 27-5 #110F</u>	Depth <u>150'</u>	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point <u>150'</u>		Sampled By <u>L.E.</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>1730</u>	<u>75.2</u>
Calcium, Ca	<u>24.0</u>	<u>1.2</u>
Magnesium, Mg	<u>0.5</u>	<u>0.0</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>199</u>	<u>5.6</u>
Sulfate, SO ₄	<u>2000</u>	<u>41.6</u>
Carbonate, CO ₃	<u>36.0</u>	<u>1.2</u>
Bicarbonate, HCO ₃	<u>1710</u>	<u>28.0</u>

OTHER PROPERTIES

pH	<u>4.31</u>
Specific Gravity, 60/60 F.	<u>1.0074</u>
Resistivity (ohm-meters) <u>710</u> F.	<u>2100 cm</u>

Total Dissolved Solids (calc.) 5700

Iron, Fe (total) 0
Sulfide, as H₂S 0

REMARKS & RECOMMENDATIONS:

