

1096 #5E 30-045-26249
#4 30-045-20670

8

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 SW Sec. 4 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced FEUILLE A #5E, #4

cps 1818w

Elevation 5892' Completion Date 8/4/87 Total Depth 400' 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. 110' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 350', 340', 280', 270', 260', 250', 205', 195', 185', 175'

Depths vent pipes placed: 385'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. 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.

comp 8-4-87

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐#5E
#4

m.m. 95-349-01 ✓

m.m. 87-21801 ✓

Completion Date 8-4-87

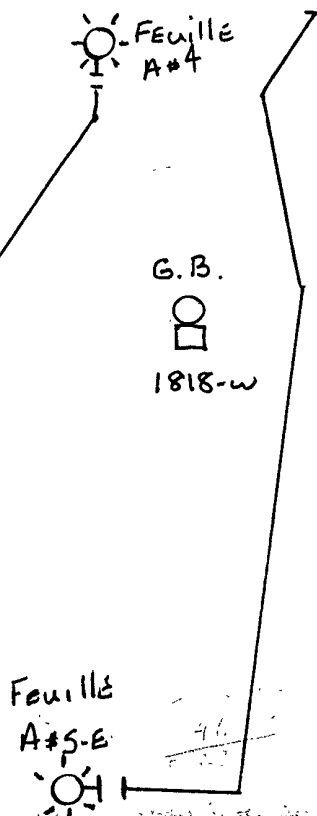
CPS #		Well Name, Line or Plant:		Work Order #		Status:		Ins Union Check	
1818-W		Feville A #5-E		R 04-29-10		GOOE = .84		☒ Good ☐ Bad	
		Feville A #4?		N 04-29-10		GOOE = .80			
Location:		Anode Size:		Anode Type:		Size Bit:			
SW 4-29-10		2" x 60"		Duriron		6 3/4			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
400'		383'							
Anode Depth									
# 1	350	# 2	340	# 3	280	# 4	270	# 5	260
# 6	250	# 7	205	# 8	195	# 9	185	# 10	175
Anode Output (Amps)									
# 1	4.0	# 2	4.1	# 3	3.7	# 4	4.3	# 5	4.9
# 6	4.8	# 7	4.9	# 8	5.4	# 9	6.2	# 10	5.0
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 11.8		Amps 17.2		Ohms .69		ELEVATION = 5892'		No. 2 C.P. Cable Used	

Remarks: DRILLED TO 400'; LOGGED 383'. DRILLER SAID WATER AT 110' CAUGHT SAMPLE. INSTALLED 385' OF 1" PVC VENT PIPE PERFORATED BOTTOM 300'

Rectifier Size: 60 V 28 A
 Addn'l Depth _____
 Depth Credit: 117' ✓
 Extra Cable: 20' ✓
 Ditch & 1 Cable: _____
 Ditch & 2 Cable: 160'
 25' Meter Pole: -
 20' Meter Pole: -
 10' Stub Pole: 1
 Junction Box: 1

4300. ✓
 - 468. ✓
 5.00 ✓
 83.20 ✓
 40.00 ✓
 150.00 ✓
 4110.20
 TAX 205.51 ✓
 4315.71 ✓
 AC EXT 1600' @ .52
 832.00
 41.60
 873.60

Grand Total
\$5189.31



All Construction Completed

Mich R. Williams
 (Signature)

5892

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUNDED LOG

Date 8-4-87

Company MERIDIAN OIL

Well No. FW-112-A-SE Location SW 4-29-10

Volts Applied 11.8 Amperes 17.5

5		230	1.5	455		680	① 350-4.2	7.0
10		235	1.4	460		685	② 340-3.7	
15		240	1.4	465		690	③ 320-	
20		245	1.5	470		695	④ 320-	
25		250	2.3	475		700	⑤ 300-	
30		255	2.8	480		705	⑥ 290-	
35		260	2.6	485		710	⑦ 280-	
40		265	2.5	490		715	⑧ 270-	
45		270	2.4	495		720	⑨ 260-	
50		275	2.3	500		725	⑩ 250-	
55		280	2.5	505		730		
60		285	2.4	510		735	⑪ 280-3.3	
65		290	2.6	515		740	⑫ 270-3.2	
70		295	2.3	520		745	⑬ 260-3.8	
75		300	2.3	525		750	⑭ 250-3.2	
80		305	1.9	530		755	⑮ 205-3.1	
85		310	2.0	535		760	⑯ 195 3.1	
90		315	2.5	540		765	⑰ 185 3.6	
95		320	2.7	545		770	⑱ 175 3.1	
100	2.4	325	2.7	550		775	⑲ 165	
105	2.4	330	2.9	555		780		
110	2.1	335	2.8	560		785	① 380-4.0	
115	2.0	340	2.8	565		790	② 400-4.1	
120	2.0	345	2.7	570		795	③ 380-3.7	
125	2.0	350	3.0	575		800	④ 4.3	
130	1.6	355	2.7	580		805	⑤ 4.9	
135	1.2	360	2.8	585		810	⑥ 4.8	
140	1.0	365	3.0	590		815	⑦ 4.9	
145	.7	370	2.9	595		820	⑧ 5.4	
150	1.0	375	2.6	600		825	⑨ 6.2	
155	2.0 x	380	2.5	605		830	⑩ 5.0	
160	1.9	385		610		835		
165	2.1 x	390		615		840		
170	1.6	395		620		845		
175	2.2 x	400		625		850		
180	2.3	405		630		855		
185	2.5 x	410		635		860		
190	2.4	415		640		865		
195	2.2 x	420		645		870		
200	2.1	425		650		875		
205	2.1 x	430		655		880		
210	1.9	435		660		885		
215	1.6	440		665		890		
220	1.3	445		670		895		
225	1.6	450		675		900		

API WATER ANALYSIS REPORT FORM

CPS 1818W
K 4-29-10

Company MERIDIAN OIL COMPANY		Sample No. 2		Date Sampled 08-04-87	
Field Blanco		Legal Description SW 4-29-10		County or Parish San Juan	
Lease or Unit FEUILLE		Well A#5-E		Depth 110'	
Type of Water (Produced, Supply, etc.)		Formation Dakota		Water, B/D	
		Sampling Point 110'		Sampled By MW	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	1320	57.4
Calcium, Ca	26	3.8
Magnesium, Mg	7	.6
Barium, Ba		

ANIONS

Chloride, Cl	142	4.0
Sulfate, SO ₄	2610	54.4
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	207	3.4

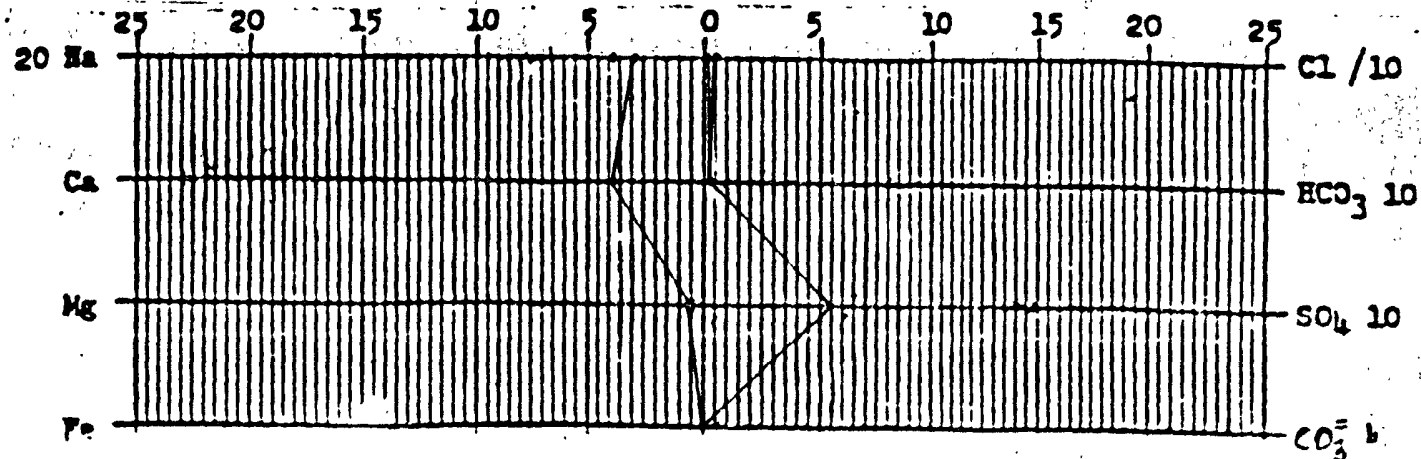
OTHER PROPERTIES

pH	8.31
Specific Gravity, 60/60 F.	1.0057
Resistivity (ohm-meters)	71.6°F.
Conductivity	3.8 x 10 ³ μmho

Total Dissolved Solids (calc.)
4360

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



CPS 18186

CPS 18186

COMPANY MELIPAN DAILY DRILLING REPORT 8-4, 1987

WELL NAME: Eselle "A"	WELL NUMBER: 5-E	SECTION: 4	TOWNSHIP: 29	RANGE: 10
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WATER AT:

70

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: WATER INJECTION AT TOP WENT BACK
IN HOLE TO PUNCH BOOT

Driller

Tool Dresser