

1R-30-045-23563
A5-30-045-08693

**DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO**

Operator MERIDIAN OIL CO. Location: Unit Sec. 04 Twp. 29 Rng. 10

Name of Well/Wells or Pipeline Serviced Feville A - 1 R, & A - 5

Elevation Completion Date 8/3/90 Total Depth 300 Land Type

Casing Strings, Sizes, Types & Depths 20 ft. 8" PVC Casing

If Casing Strings are cemented, show amounts & types used

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Water at 80 ft., no sample

Depths gas encountered:

Ground bed depth with type & amount of coke breeze used:

290 ft. 3000 lbs of Ashbury Petroleum Coke

Depths anodes placed: 270, 260, 250, 240, 230, 220, 210, 200, 190, 180

Depths vent pipes placed: 300 ft.

Vent pipe perforations: Perforated 220 ft.

Remarks:

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

7

Drilling Log (Attach Hereto) ☐

Completion Date 8-3-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1026-W	Feuille A-1R Feuille A-5			☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
04-29-10	2' X 60"	ANOTEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300	290'		3000 #	
Anode Depth				
# 1 270	# 2 260	# 3 250	# 4 240	# 5 230
# 6 220	# 7 210	# 8 200	# 9 190	# 10 180
Anode Output (Amps)				
# 1 5.6	# 2 7.1	# 3 7.0	# 4 6.2	# 5 4.8
# 6 5.1	# 7 5.5	# 8 5.2	# 9 5.3	# 10 5.8
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 12.17	Amps 21.4	Ohms .57		

Remarks: DRILLER SAID WATER AT 80'. HAD TO START INFECTING AT 80'. DID NOT GET WATER SAMPLE. WAITED 30 MIN. BLEW MUD BUT NO WATER. RAN 300' OF 1" VENT PIPE, PERFORATED 220' OF VENT PIPE. STORRIED 3 TUBS OF COKE BREEZE, LEFT COKE BREEZE APPROXIMATELY 130' DOWN HOLE

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: _____ 10'
 Ditch & 1 Cable: _____ 25'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____ 1

All Construction Completed

William Knight Jr.
 (Signature)

GROUND BED LAYOUT SKETCH

☐ Rectifier

Feuille A#5

RECEIVED
 AUG 28 1990
 OIL CON. DIV.
 DIST. 3

Gd. Bed #2
 25' Gd. Bed #3

Feuille # AIR

CONSTRUCTION LOGGING READINGS

Meridian Oil

CPS #: 1026-W WELL NAME: Feuille A-1R-5 LOCATION: 04-28-10 DATE: 8-3-90

TOTAL VOLTS: 12.17 TOTAL AMPS: 21.4 OHMS RESISTANCE: .57

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.6		365			545			1	270	3.4	5.6
10			190	1.9	9	370			550			2	260	4.3	7.1
15			195	2.0		375			555			3	250	4.2	7.0
20			200	2.1	8	380			560			4	240	4.2	6.2
25			205	2.3		385			565			5	230	2.7	4.8
30			210	2.5	7	390			570			6	220	2.8	5.1
35			215	2.4		395			575			7	210	3.1	5.5
40			220	2.2	6	400			580			8	200	2.8	5.2
45			225	2.1		405			585			9	190	2.9	5.3
50			230	2.4	5	410			590			10	180	3.3	5.8
55			235	2.7		415			595						
60			240	3.5	4	420			600						
65			245	3.4		425			605						
70			250	3.2	3	430			610						
75			255	2.9		435			615						
80	1.50		260	3.2	2	440			620						
85	2.0		265	3.2		445			625						
90	6.0		270	2.8	1	450			630						
95	1.5		275	2.6		455			635						
100	1.5		280	2.4		460			640						
105	1.6		285	1.9		465			645						
110	1.6		290	1.6	T.D	470			650						
115	1.6		295			475			655						
120	1.6		300			480			660						
125	1.7		305			485			665						
130	1.5		310			490			670						
135	1.6		315			495			675						
140	2.1		320			500			680						
145	1.7		325			505			685						
150	1.4		330			510			690						
155	1.4		335			515			695						
160	1.3		340			520			700						
165	1.7		345			525			705						
170	1.9		350			530			710						
175	1.9		355			535			715						
180	1.9	10	360			540			720						

REMARKS: DRILLER said water at 80'. was wet at 80'. waited 30 min., Blew mud but NO WATER. Did NOT get water sample. Ran 300' of 1" Vent Pipe in hole. Perforated 220' of Vent Pipe. Slurried 3 Tubs of coke breeze. Left COKE Breeze at approximately 130'.

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

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

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
Ferrille A-5	A-5			

HOLE MADE:

80'

300

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: Set 20' 8" PVC Casing Coal zone at 18'-20' burning gas. Drilled to 80' had enough water to blow mud went to injection drilled to 300'

Driller

Driller Brian E. Burge Tool Dresser

Tool Dresser