

B

1311

30-45-26806

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 J Sec. 36 Twp 31 Rng 13

Name of Well/Wells or Pipeline Serviced FARMINGTON COM B #1E

cps 1919w

Elevation 6000' Completion Date 11/17/87 Total Depth 530' 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. 220' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 470', 460', 450', 440', 430', 420', 410', 390', 380', 370'

Depths vent pipes placed: 502'

Vent pipe perforations: 300'

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 11-17-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
1919-W	FARMINGTON Com. B #1-E		600 W = 83'	☒ Good ☐ Bad
Location:		Anode Size:	Anode Type:	Size Bit:
J 36-31-13		2" x 60"	Duriron	6 3/4"
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
530'	497'			
Anode Depth				
# 1 470'	# 2 460'	# 3 450'	# 4 440'	# 5 430'
# 6 420'	# 7 410'	# 8 390'	# 9 380'	# 10 370'
Anode Output (Amps)				
# 1 4.6	# 2 4.9	# 3 5.4	# 4 5.3	# 5 5.3
# 6 5.0	# 7 5.2	# 8 4.9	# 9 5.8	# 10 4.8
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	
Volts 11.89 Amps 23.9 Ohms .497			No. 2 C.P. Cable Used	

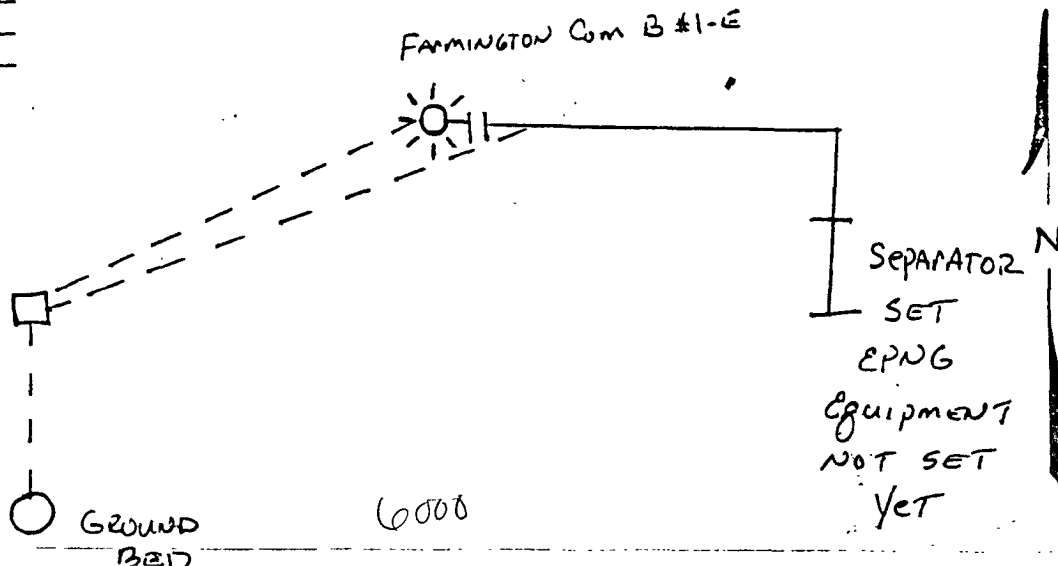
Remarks: DRILLED 530' LOGGED 497'. DRILLER SAID WATER AT 220' NOT ENOUGH FOR SAMPLE. INSTALLED 502' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 300'

Rectifier Size: AO V 16 A
 Addn'l Depth: _____
 Depth Credit: 3' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 75' ✓
 Ditch & 2 Cable: 125' ✓
 25' Meter Pole: _____
 20' Meter Pole: 1
 10' Stub Pole: _____
 Junction Box: 1 ✓

All Construction Completed

M. J. Williams
(Signature)

430.00 ✓
 - 10.50 ✓
 7.50 ✓ 4289.50
 32.25 ✓
 68.75 ✓
 300.00 ✓
 40.00 ✓
 Rect. 910.00 ✓
 5648.50
 282.40
 5930.92
 40.00



BURGE CORROSION SYSTEMS INC
P.O. BOX 1359
AZTEC, NEW MEXICO 87410
DRILLING AND LOGGING LOG

JOB NUMBER 147

HOLE DIAMETER 6 3/4 IN

DATE 11-17-87

WELL NAME Farmington COM D#1E

HOLE DEPTH 520 FT

FINAL READING _____ VOLTS

COMPANY NAME Meridian

NUM OF ANODES _____

FINAL READING _____ AMPS

LEGAL DESCRIPTION 1/4 S 36 T 31 R 17

WATER DEPTH 270 FT

FINAL READING _____ OHMS

HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS
5	Sandstone				245	11				485	11			
10					250	11				490	11			
15					255	Sandstone				495	11			
20					260	11				500	11			
25					265	11				505	11			
30					270	11				510	11			
35					275	11				515	11			
40					280	11				520	11			
45					285	11				525				
50					290	11				530				
55	Sandstone				295	11				535				
60	11				300	11				540				
65	11				305	11				545				
70	11				310	11				550				
75	11				315	Shale				555				
80	Sandstone				320	11				560				
85	11				325	11				565				
90	11				330	11				570				
95	11				335	11				575				
100	11				340	11				580				
105	11				345	11				585				
110	11				350	11				590				
115	11				355	11				595				
120	11				360	11				600				
125	11				365	11				605				
130	11				370	11				610				
135	11				375	11				615				
140	11				380	11				620				
145	11				385	11				625				
150	11				390	11				630				
155	11				395	11				635				
160	11				400	11				640				
165	11				405	11				645				
170	11				410	11				650				
175	11				415	11				655				
180	11				420	11				660				
185	Water sand				425	11				665				
190	11				430	11				670				
195	11				435	11				675				
200	11				440	11				680				
205	Sandstone				445	11				685				
210	11				450	11				690				
215	11				455	11				695				
220	11				460	11				700				
225	11				465	11				705				
230	11				470	11				710				
235	11				475	11				715				
240	11				480	11				720				

1919W

Date 11-17

Well No. B#1-E Location J 36-31-13 Volts Applied 11.89 Amperes 23.9

5		230	.6	455	3.6	680	420-3.3
10		235	.6	460	2.4	685	440-3.2
15		240	.5	465	2.8	690	450-3.9
20		245	.9	470	2.6	695	440-3.4
25		250	1.0	475	2.7	700	430-3.5
30		255	.9	480	2.6	705	420-3.5
35		260	.8	485	2.3	710	410-3.5
40		265	1.2	490	2.1	715	390-3.4
45		270	1.0	495	2.2 TD 497	720	380-3.8
50		275	1.0	500		725	370-3.0
55		280	.8	505		730	
60		285	.9	510		735	
65		290	1.0	515		740	
70		295	1.0	520		745	
75		300	1.0	525		750	D1 75'
80		305	.8	530		755	D2 125'
85		310	1.7	535		760	
90		315	1.9	540		765	① 4.6
95		320	2.0	545		770	② 4.9
100		325	1.6	550		775	③ 5.4
105		330	1.2	555		780	④ 5.3
110		335	1.1	560		785	⑤ 5.3
115		340	1.1	565		790	⑥ 5.0
120		345	1.0	570		795	⑦ 5.2
125		350	.6	575		800	⑧ 4.9
130		355	1.8	580		805	⑨ 5.8
135		360	2.1	585		810	⑩ 4.8
140		365	2.4	590		815	
145		370	2.4	595		820	
150		375	2.6	600		825	
155		380	2.9	605		830	
160		385	2.7	610		835	
165		390	2.7	615		840	
170		395	2.0	620		845	
175		400	1.6	625		850	
180		405	1.9	630		855	
185		410	2.8	635		860	
190		415	2.7	640		865	
195		420	2.7	645		870	
200		425	2.8	650		875	
205		430	2.7	655		880	
210		435	2.7	660		885	
215		440	2.8	665		890	
220		445	2.7	670		895	
225		450	3.0	675		900	