

F

1443

30-039-23842

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 K Sec. 25 Twp. 24 Rng. 4

Name of Well/Wells or Pipeline Serviced MEDIO CANYON #4

cps 5035w

Elevation 7057' Completion Date 8/28/87 Total Depth 380' 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. 100' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 312', 270', 260', 250', 205', 195', 180', 155', 125', 115'

Depths vent pipes placed: 340'

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 8-28-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
5035-11	MEDIO CANYON #4		600' E-79	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
K-24.4	2" x 60"	Duriron		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Loss Circulation Mat Used
380	337			
Anode Depth				
# 1 312'	# 2 270'	# 3 260'	# 4 250'	# 5 205'
# 6 195'	# 7 180'	# 8 155'	# 9 125'	# 10 115'
Anode Output (Amps)				
# 1 4.6	# 2 5.8	# 3 4.2	# 4 5.5	# 5 5.1
# 6 6.1	# 7 6.0	# 8 4.6	# 9 5.8	# 10 6.8
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 12.0	Amps 27.4	Ohms 44		

Remarks: Drilled to 380' LOGGED 337' Driller SAID WATER
AT 100'; NO SAMPLE. INSTALLED 340' of 1" PVC VENT
PIPE; PERFORATED BOTTOM 300'

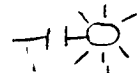
Rectifier Size: — V — A
 Addn'l Depth: 163' ✓
 Depth Credit: 30' ✓
 Extra Cable: 20' ✓
 Ditch & 1 Cable: 140'
 Ditch & 2 Cable: 140'
 25' Meter Pole: —
 30' Meter Pole: —
 30' Stop Pole: —
 Direction: 1

All Construction Completed

Michael R. Wilkin
 (Signature)

4300.00 ✓
 - 652.00 ✓ 3648.00
 7.50 ✓
 7.80 ✓
 72.80 ✓
 40.00 ✓
 3776.10
 138.88
 3644.91

Pump
JACIL



Thermo

GROUND BED

MERIDIAN OIL

P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 8-28-87

DEEP WELL GROUND BED LOG

Company MERIDIAN

Well No. MC #8 Location C 25-4-4

Volts Applied 27.4 Amperes 11.97

5		230	1.9	455		680	① 312-33-4.6
10		235	1.8	460		685	② 270'-38-5.8
15		240	1.7	465		690	③ 260'-3.0-4.2
20		245	1.9	470		695	④ 250'-3.2-5.5
25		250	2.4	475		700	⑤ 205'-27-5.1
30		255	2.2	480		705	⑥ 195'-34-6.1
35		260	2.2	485		710	⑦ 180'-35-6.0
40		265	2.5	490		715	⑧ 155'-32-4.6
45		270	2.5	495		720	⑨ 125'-37-5.8
50		275	2.0	500		725	⑩ 115'-4.0-6.8
55		280	1.9	505		730	
60		285	1.6	510		735	
65		290	1.3	515		740	D1 - 20
70		295	1.2	520		745	D2 140
75		300	1.1	525		750	
80		305	1.7	530		755	ST = 79.6
85		310	2.2	535		760	
90		315	2.4	540		765	
95		320	2.2	545		770	
100	1.9	325	2.4	550		775	
105	1.4	330	2.1	555		780	
110	1.7	335	2.0	560		785	
115	2.6	340		565		790	
120	2.6	345		570		795	
125	2.5	350		575		800	
130	2.2	355		580		805	
135	1.6	360		585		810	
140	1.7	365		590		815	
145	1.3	370		595		820	
150	1.2	375		600		825	
155	2.3	380		605		830	
160	1.8	385		610		835	
165	1.4	390		615		840	
170	1.6	395		620		845	
175	1.5	400		625		850	
180	2.3	405		630		855	
185	1.9	410		635		860	
190	2.2	415		640		865	
195	2.4	420		645		870	
200	2.0	425		650		875	
205	2.0	430		655		880	
210	1.5	435		660		885	
215	1.5	440		665		890	
220	1.5	445		670		895	
225	1.5	450		675		900	

BURGE
CORROSION SYSTEMS
301 Ash St.

C'S 5035W

Aztec, New Mexico 87410

Formations

MEDIO

Well Name MEDIO CANYON #4

S 25 T 24 R 4

Company Name MERICAN OIL

FOOTAGES	WATER	SHALE	SAND	SAND STONE	BENT ONITE	CLAY	GRAVEL	ROCK	CASED
0 60									
60 100									
100 160									
160 170									
170 180									
180 200									
200 230									
230 250									
250 300									
300 320									
320 370									
370 380									

Anode Depth									
01	02	03	04	05	06	07	08	09	010
Anode Output (Amps)									
01	02	03	04	05	06	07	08	09	010
Anode Depth									
011	012	013	014	015	016	017	018	019	020
Anode Output (Amps)									
011	012	013	014	015	016	017	018	019	020
Total Circuit Resistance									
Volts	Amps	Ohms	Coke Breeze				No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

All Construction Completed

Frank Howle
Signature

GROUND BED LAYOUT SKETCH

Date

Remarks:

Wait for WATER SAMPLE AT 60 ft. Don't get Over

N