1305

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30-045-26492

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 H Sec. 15 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced MORRIS A #13

cps 1913w

Elevation 5851' Completion Date 11/2/87 Total Depth 420' 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. 90' & 160' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 280', 270', 260', 250', 240', 230', 220', 210'

Depths vent pipes placed: 395'

Vent pipe perforations: 310'

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.

Bruce

FM-07-0238 (Rev. 10-82) WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒ **Completion Date** 11-2-87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1913-W	Morris A #13		600 S-580	☒ Good ☐ Bad

Location:	Anode Size:	Anode Type:	Size Bit:
H 15-30-11	2" x 60"	Duriron	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
420'	391'				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	300'	290'	280'	270'	260'	250'	240'	230'	220'	210'
Anode Output (Amps)	6.1	6.1	5.9	5.6	6.0	6.9	6.9	6.4	6.4	5.7
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 11.5	Amps 19.3	Ohms .60	ELEVATION-5851'	

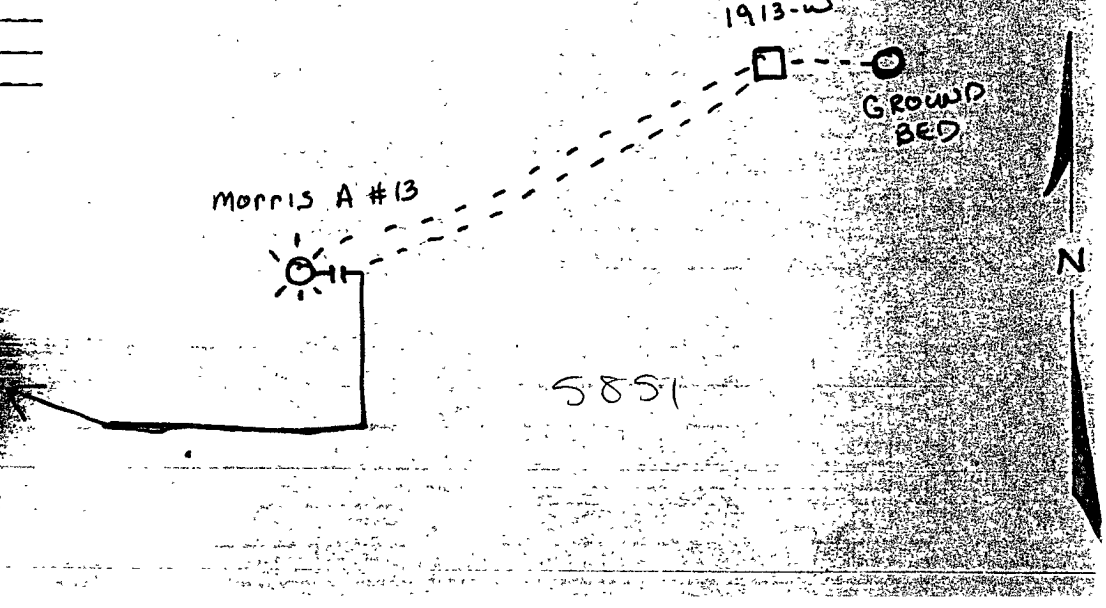
Remarks: DRILLER SAID WATER AT 90' NOT ENOUGH for SAMPLE ALSO GOOD WATER AT 160'. INSTALLED 395' of 1" PVC VENT PIPE perforated BOTTOM 310'

Rectifier Size: 40 V 16 A ✓
Addn'l Depth
Depth Credit: 109 ✓
Extra Cable: 30' ✓
Ditch & 1 Cable: 10' ✓
Ditch & 2 Cable: 125' ✓
25' Meter Pole:
20' Meter Pole: 1
10' Stub Pole:
Junction Box: 1

All Construction Completed

M Q Wells
(Signature)

4300.00 ✓
-381.50 ✓
7.50 ✓ 3918.50
4.30 ✓
~~68.75~~ ✓ ~~12280~~
300.00 ✓
40.00 ✓
~~4339.05~~ ~~43~~
~~216.95~~ ~~21~~
4556.00 ~~96~~



MERIDIAN OIL

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

Date 11-2-87

DEEP WELL GROUNDBED LOG

Company: Meridian Oil

Well No. Morris A#13 Location H 15-30-11 Volts Applied 11.5 Amperes .60 19.3

Depth	Reading			Depth	Reading			Depth		Reading		Depth	Reading	
0														
5				230	4.3	•	8	455				680		
10				235	4.0			460	1	4.8 -	6.1	685	① 300	
15				240	4.6	•	7	465	2	4.6 -	6.1	690	② 290	
20				245	4.3			470	3	4.5 -	5.9	695	③ 280	
25				250	4.6	•	6	475	4	4.1 -	5.6	700	④ 270	
30				255	4.3			480	5	4.5 -	6.0	705	⑤ 260	
35				260	4.3	•	5	485	6	4.8 -	6.9	710	⑥ 250	
40				265	4.0			490	7	5.0 -	6.9	715	⑦ 240	
45				270	3.7	•	4	495	8	4.8 -	6.4	720	⑧ 230	
50				275	3.3			500	9	4.9	6.4	725	⑨ 220	
55				280	3.6	•	3	505	10	4.5	5.7	730	⑩ 210	
60				285	4.1			510				735		
65				290	3.9	•	2	515				740		
70				295	4.7			520				745		
75				300	4.2	•	1	525				750	D2	125'
80				305	3.4			530				755	01	10'
85				310	3.4			535				760		
90				315	3.3			540				765		
95				320	2.8			545				770		
100				325	2.2			550				775		
105				330	1.9			555				780		
110				335	1.7			560				785		
115	1.4			340	2.5			565				790		
120	2.5			345	2.5			670				795		
125	3.4			350	2.0			575				800		
130	4.2			355	2.2			580				805		
135	3.7			360	2.1			585				810		
140	3.5			365	2.1			590				815		
145	3.1			370	2.2			595				820		
150	2.8			375	2.8			600				825		
155	2.8			380	3.0			605				830		
160	2.8			385	3.1			610				835		
165	2.4			390	3.0	TD 391'		615				840		
170	2.6			395				620				845		
175	3.0			400				625				850		
180	2.8			405				630				855		
185	3.2			410				635				860		
190	3.2			415				640				865		
195	3.0			420				645				870		
200	3.5			425				650				875		
205	4.0			430				655				880		
210	4.0	•	10	435				660				885		
215	3.8			440				665				890		
220	4.5	•	9	445				670				895		
225	4.4			450				675				900		

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

JOB NUMBER 147 HOLE DIAMETER 6 3/4 IN DATE 11-2-97
WELL NAME Morris A #13 HOLE DEPTH 420 FT FINAL READING ____ VOLTS
COMPANY NAME Meridian NUM OF ANODES ____ FINAL READING ____ AMPS
LEGAL DESCRIPTION 1/4 SW 15 T 30 R 11 WATER DEPTH 60 FT FINAL READING ____ OHMS

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