30-045-26625

3943

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 E Sec. 21 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced FIFIELD #4

cps 190

Elevation 5754' Completion Date 11/5/87 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: 350', 340', 330', 320', 310', 300', 290', 280', 270', 260'

Depths vent pipes placed: 380'

Vent pipe perforations: 280'

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.

27 0238 (Rev 10-82)

MERIDIAN OIL INC.
WELL CASING

OK Bacon

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 11-5-87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check:
1902W	~~Fifield~~ #4 FIFIELD		-.791V	☑ Good ☐ Bad

Location	Anode Size	Anode Type	Size Bit:
E21-30-11	2" x 60"	Durion	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
380	375				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	350'	340'	330'	320'	310'	300'	290'	280'	270'	260'
Anode Output (Amps)	5.3	5.2	5.4	5.9	5.0	5.8	5.9	6.2	7.2	6.9
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 11.6	Amps 20.3	Ohms .57			

Remarks: DRILLED 380'; LOGGED 375' DRILLER SAID WATER AT 100' NOT ENOUGH for SAMPLE. INSTALLED 380' of 1" PVC VENT PIPE; PERFORATED BOTTOM 280'

Rectifier Size: 40 V 16 A
Addn'l Depth
Depth Credit: 125 ✓
Extra Cable: 30 ✓
Ditch & 1 Cable: 10 ✓
Ditch & 2 Cable: 180 -?
25' Meter Pole:
20' Meter Pole: 1
10' Stub Pole:
Junction Box: 1

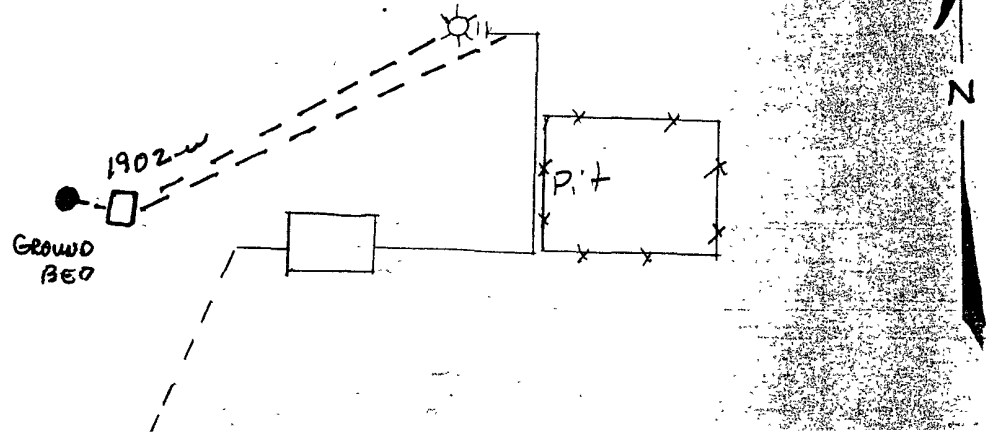
All Construction Completed

Randy Smith
(Signature)

4300.00 ✓
-437.50 ✓
7.50 ✓
4.30 ✓
~~196.40~~ 99.00 ✓
300.00
40.00
~~4390.20~~ 3862.50
~~219.54~~
4610.24

43,330
21567
4528.97 OK

5754



BURGE CORROSION SYSTEMS, INC.

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

DEEP WELL GROUNDBED LOG

Date 11-4-87

Company Fifeild #4 Meridian Oil

Well No. 4 Location Fifeild Volts Applied 11.6 Amperes .57 20.3

Depth			Depth				Depth		Depth			
0												
5			230	1.6	1.3		455		680	① [illegible]0	3.8	5.3
10			235	.9	.9		460		685	② 340 -	3.9	5.2
15			240	1.7	1.2		465		690	③ 330	3.8	5.4
20			245	2.1	1.8		470		695	④ 320	4.1	5.9
25			250	2.2	1.9		475		700	⑤ 310	3.9	5.0
30			255	1.9			480		705	⑥ 300	[illegible].7	5.8
35			260	2.0		•	485		710	⑦ 290	3.9	4.9
40			265	2.2			490		715	⑧ 280	4.0	6.7
45			270	2.5		•	495		720	⑨ 270	3.9	[illegible].2
50			275	2.5			500		725	⑩ 260	3.6	6.9
55			280	2.6		•	505		730			
60			285	2.7			510		735			
65			290	2.5		•	515		740			
70			295	2.4			520		745			
75			300	2.7		•	525		750			
80			305	2.7			530		755			
85			310	2.6		•	535		760			
90			315	2.7			540		765			
95			320	3.1		•	545		770			
100	2.6	2.1	325	3.2			550		775			
105	2.8	2.2	330	2.9		←	555		780			
110	2.8	2.1	335	2.7			560		785			
115	2.6	1.9	340	2.6		•	565		790			
120	2.5	1.9	345	2.7			570		795			
125	2.6	1.7	350	2.7		•	575		800			
130	2.6	1.9	355	2.7			580		805			
135	2.6	1.8	360	2.1			585		810			
140	2.5	1.9	365	1.3			590		815			
145	2.4	1.8	370	1.3	TD 375		595		820			
150	2.4	1.8	375				600		825			
155	2.3	1.8	380				605		830			
160	1.8	1.5	385				610		835			
165	2.2	1.6	390				615		840			
170	2.3	1.8	395				620		845			
175	2.3	1.8	400				625		850			
180	2.1	1.6	405				630		855			
185	2.0	1.5	410				635		860			
190	1.5	1.1	415				640		865			
195	2.0	1.5	420				645		870			
200	1.5	1.3	425				650		875			
205	1.9	1.3	430				655		880			
210	2.6	1.9	435				660		885			
215	1.9	1.4	440				665		890			
220	2.1	1.7	445				670		895			
225	1.8	1.6	450				675		900			

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

19021d

JOB NUMBER 147 HOLE DIAMETER 6 3/4 IN DATE 11-3-87
WELL NAME Fifield #4 HOLE DEPTH ____ FT FINAL READING ____ VOLTS
COMPANY NAME Meridian NUM OF ANODES ____ FINAL READING ____ AMPS
LEGAL DESCRIPTION 1/4 E S 21 T 30 R 11 WATER DEPTH [redacted]40 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	water Sand				265	"				505				
30	"				270	"				510				
35	"				275	"				515				
40	Shale Clay				280	Shale				520				
45	"				285	"				525				
50	"				290	Sandstone				530				
55	"				295	"				535				
60	"				300	water Sand				540				
65	"				305	"				545				
70	"				310	Shale				550				
75	"				315	"				555				
80	"				320	Water Sand				560				
85	"				325	"				565				
90	"				330	"				570				
95	"				335	Shale				575				
100	"				340	"				580				
105	Shale				345	"				585				
110	"				350	"				590				
115	"				355	Sandstone				595				
120	"				360	"				600				
125	"				365	"				605				
130	"				370	"				610				
135	"				375	"				615				
140	"				380	"				620				
145	"				385					625				
150	"				390					630				
155	"				395					635				
160	"				400					640				
165	"				405					645				
170	"				410					650				
175	"				415					655				
180	"				420					660				
185	"				425					665				
190	Sandstone				430					670				
195	"				435					675				
200	Shale				440					680				
205	"				445					685				
210	"				450					690				
215	water Sand				455					695				
220	"				460					700				
225	Shale				465					705				
230	"				470					710				
235	water Sand				475					715				
240	"				480					720				