

#74 30-039-07810 3945
#404 30-039-24179

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. 23 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #74, #404

cps 1925w

Elevation 6143' Completion Date 1/11/88 Total Depth 480' 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. 80' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 450', 440', 430', 420', 400', 390', 360', 350', 340', 310'

Depths vent pipes placed: N/A

Vent pipe perforations: 390'

Remarks: gb #3

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.

MERIDIAN OIL INC.
 Farmington Region
 Post Office Box 4289
 Farmington, New-Mexico 87499
 (505) 327-0251

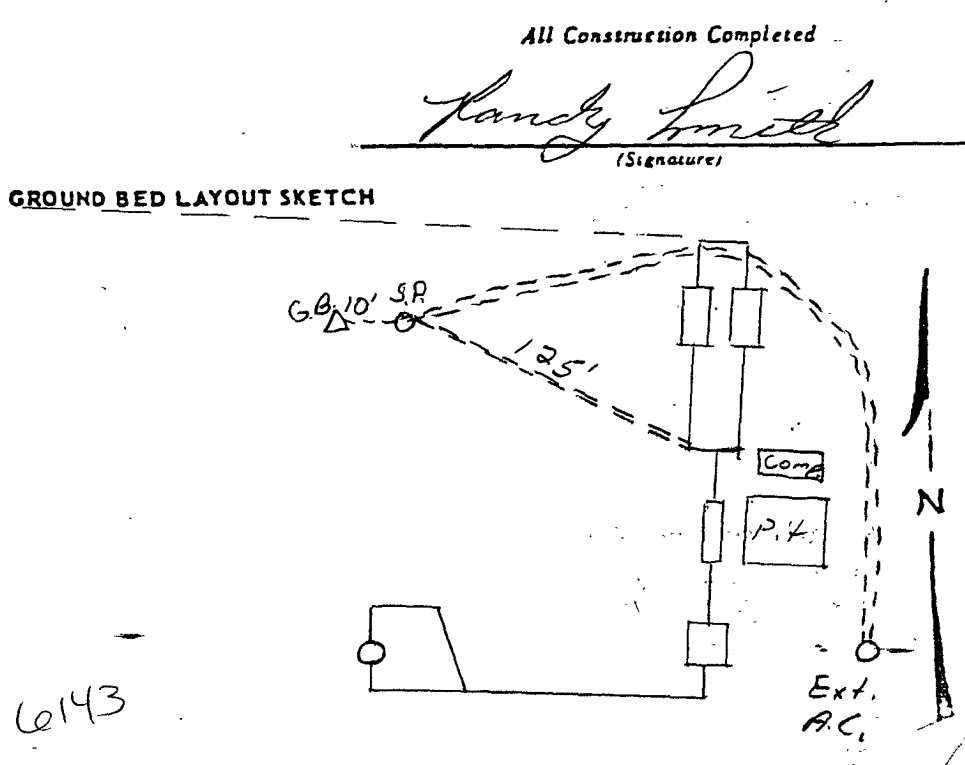
Comp 1-2-88
 Buise

Log (Attach Here) ☐ WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 1-11-88
 DAILY LOG

Well Name, Line or Plant: #74		Work Order #		Static: A/A		Ins. Union Check	
S.J. 30-6 #404		2673A(DA)		Prep ID		071036500	
1925W						☐ Good ☒ Bad	
Anode Size: 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4"			
Depth Drilled: 480		Depth Logged: 470		Drilling Rig Time: 7 hrs		Total Lbs. Cate Used	
Anode Depth: 1 450		# 2 440		# 3 430		# 4 420	
# 5 400		# 6 390		# 7 360		# 8 350	
# 9 340		# 10 310					
Anode Output (Amps): 1 3.4		# 2 3.4		# 3 3.1		# 4 2.6	
# 5 2.1		# 6 1.9		# 7 1.8		# 8 1.9	
# 9 2.6		# 10 2.1					
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: Volts 12.1		Amps 12.2		Ohms .99		No. 8 C.P. Cable Used	
						No. 2 C.P. Cable Used	

Remarks: Driller said water was at 80'. No water sample was taken. Vent pipe is perforated up 90'.

Rectifier Size: 40 V 16 A 900⁰⁰
 Addn'l Depth: 105⁰⁰
 Depth Credit: 30
 Extra Cable: 10'
 Ditch & 1 Cable: 430'
 Ditch & 2 Cable: 525'
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: #16000
 Junction Box: #4000
 4300
 900.00 V 5200.00
 -105.00 V 5095.00
 430 V
 298.00 V
 160.00 V
 40.00 V
 1200.00
 Redwill moved 6.8.
 68788.05
 33390.40
 1127.45
 E.P.N.G. R.O.W.



BURGE CORROSION SYSTEMS INC.

P.O. BOX 1359

AZTEC, NEW MEXICO 87410

DRILLING AND LOGGING LOG

Dug Pit on location

JOB NUMBER 147

WELL NAME S. 30-6 #404

COMPANY NAME Meridian

LEGAL DESCRIPTION 1/4 S T R

HOLE DIAMETER 6 3/4 IN

HOLE DEPTH 480 FT

NUM OF ANODES

WATER DEPTH 80 FT

DATE 1-11-87

FINAL READING VOLTS

FINAL READING AMPS

FINAL READING OHMS

1925W

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
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5	Sandstone				245	"				485				
10	"				250	Sandstone				490				
15	"				255	"				495				
20	"				260	"				500				
25	"				265	"				505				
30	"				270	"				510				
35	"				275	"				515				
40	"				280	"				520				
45	"				285	"				525				
50	"				290	"				530				
55	"				295	"				535				
60	"				300	"				540				
65	"				305	Sandstone				545				
70	"				310	"				550				
75	"				315	"				555				
80	water sand				320	"				560				
85	Sandstone				325	Sandstone				565				
90	"				330	"				570				
95	"				335	"				575				
100	"				340	Sandstone				580				
105	"				345	"				585				
110	"				350	"				590				
115	"				355	"				595				
120	"				360	"				600				
125	"				365	"				605				
130	"				370	"				610				
135	"				375	"				615				
140	Sandstone				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	"				430	"				670				
195	"				435	"				675				
200	"				440	"				680				
205	"				445	"				685				
210	"				450	"				690				
215	"				455	"				695				
220	"				460	"				700				
225	"				465	"				705				
230	"				470	"				710				
235	Sandy shale				475	"				715				
240	"				480	"				720				

DEEP WELL GROUND BED LOG

Company

Well No. 1

Location

Volts Applied

Ampere's

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