

#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

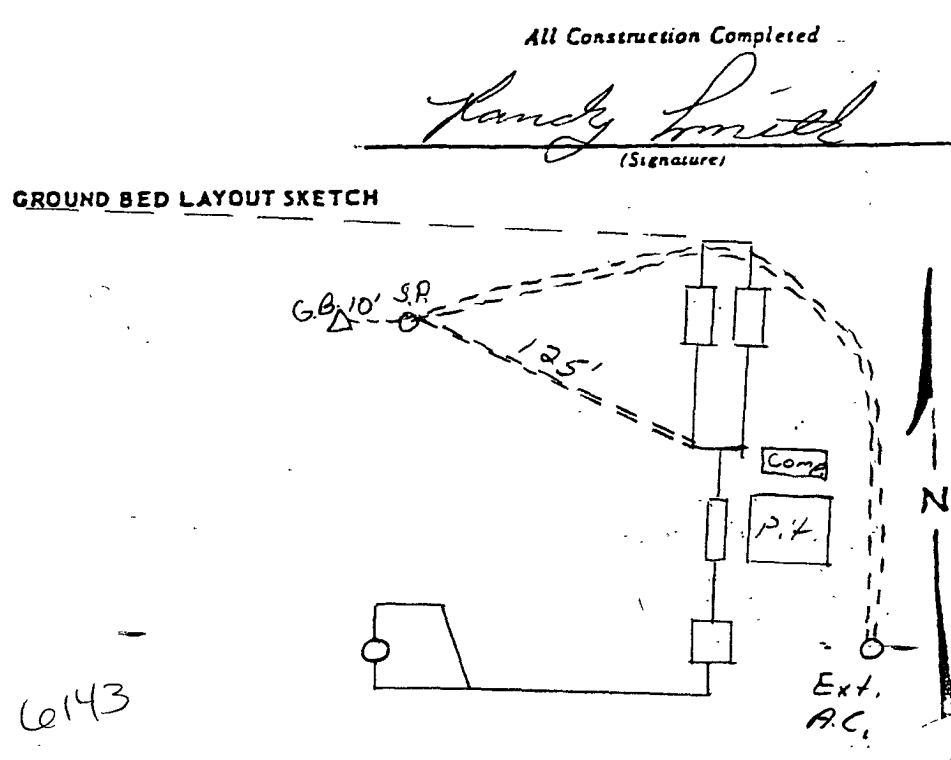
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WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 1-11-88
DAILY LOG

Well Name, Line or Plant: <u>#74</u>		Work Order #		Static:		Ins. Union Check	
1925W		S.J. 30-6 #404		Prep ID		☐ Good ☒ Bad	
		2673A(DA)		071036500			
Location: <u>L23-30N-7W</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>Duriron</u>		Size Bit: <u>6 3/4"</u>	
Depth Drilled: <u>480</u>		Depth Logged: <u>470</u>		Drilling Rig Time: <u>7 hrs</u>		Total Lbs. Coke Used	
						Lost Circulation Mat'l Used	
						No. Sacks Mud 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 <u>12.1</u>		Amps <u>12.2</u>		Ohms <u>99</u>	
						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: 10' - 43'
Ditch & 2 Cable: 525'
25' Meter Pole: 160⁰⁰
20' Meter Pole: 40⁰⁰
10' Stub Pole: 40⁰⁰
Junction Box: 40⁰⁰
4300⁰⁰
900⁰⁰ V 5200⁰⁰
105⁰⁰ V 509.5⁰⁰
430⁰⁰ V
288⁰⁰ V
160⁰⁰ V
40⁰⁰ V
1200⁰⁰ W
Red Hill
MOVED G.B.
EPNG. R.O.W.
65788.05
33396.40
7127.45



BURGE CORROSION SYSTEMS INC

P.O. BOX 1359

AZTEC, NEW MEXICO 87410

DRILLING AND LOADING LOG

Dug Pit on location

JOB NUMBER 147

HOLE DIAMETER 6 3/4 IN

DATE 1-11-87

WELL NAME S.530-6 #404

HOLE DEPTH 480 FT

FINAL READING VOLTS

COMPANY NAME Meridian

NUM OF ANODES

FINAL READING AMPS

LEGAL DESCRIPTION 1/4 S T R WATER DEPTH 70 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
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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				

MERIDIAN OIL

P. O. BOX 4289-Phone 527-0251

FARMINGTON, NM

Date 1-17-88

DEEP WELL GROUND BED LOG

1985

Company Burge Corrosion

Well No. 404

Location S. J. 30-6

Volts Applied 12.1

Amperes 12.2

5						230	1.6					455	1.8					680					
10						235	1.7					460	1.5					685					
15						240	1.1					465	1.0					690					
20						245	1.3					470	1.0					695					
25						250	1.8					475						700					
30						255	1.6					480						705					
35						260	1.5					485						710					
40						265	1.8					490						715					
45						270	1.9					495						720					
50						275	1.7					500						725					
55						280	1.6					505						730					
60						285	1.5					510						735					
65						290	1.6					515						740					
70						295	1.7					520	0.450	-2.1				745	3.4				
75						300	1.7					525	0.440	2.0				750	3.4				
80						305	1.1					530	0.430	9.2				755	3.1				
85						310	1.2					535	0.420	1.7				760	2.6				
90						315	1.0					540	0.400	1.4				765	2.1				
95						320	1.6					545	0.390	1.2				770	1.9				
100						325	1.6					550	0.360	1.1				775	1.8				
105						330	1.6					555	0.350	1.3				780	1.9				
110						335	1.9					560	0.340	1.6				785	2.6				
115						340	1.7					565	0.310	1.3				790	2.1				
120						345	1.5					670						795					
125						350	1.0					575						800					
130						355	1.9					580						805					
135						360	1.1					585						810					
140						365	1.0					590						815					
145						370	1.7					595						820					
150						375	1.7					600						825					
155						380	1.7					605						830					
160						385	1.8					610						835					
165						390	1.1					615						840					
170						395	1.5					620						845					
175						400	1.3					625						850					
180						405	1.6					630						855					
185						410	1.7					635						860					
190						415	1.7					640						865					
195						420	1.4					645						870					
200	8					425	2.0					650						875					
205	5					430	2.0					655						880					
210	6					435	1.7					660						885					
215	7					440	1.7					665						890					
220	7					445	1.8					670						895					
225	6					450	1.9					675						900					