

30-039-24/832

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. 24 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #416

ps 1926w

Elevation 6210' Completion Date 1/13/88 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. 200' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 445', 405', 290', 280', 225', 215', 205', 195', 185', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED
MAY 31 1991

OIL CON. DIV.

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

*OK checked it
Burge*

Drilling Log (Attach Here) ☐ WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 1-13-88
DAILY LOG

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1926W	S.J. 30-6 # 416	Prep. ED	N/A	☐ Good ☒ Bad
	2683A	071036505		
Location: <u>SW 34-30-7</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>468</u>	Drilling Rig Time: <u>7 hrs</u>	Total Lbs. Cable Used	Lost Circulation Mat. Used
No. Sacks Mud Used				
Anode Depth	#1 445	#2 405	#3 290	#4 280
Anode Output (Amps)	#5 225	#6 215	#7 205	#8 195
	#9 185	#10 175		
Anode Depth	#1 2.3	#2 1.9	#3 3.4	#4 3.2
Anode Output (Amps)	#5 2.5	#6 3.3	#7 3.8	#8 4.2
	#9 3.5	#10 2.0		
Anode Depth	#11	#12	#13	#14
Anode Output (Amps)	#15	#16	#17	#18
	#19	#20		
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts <u>12.2</u> Amps <u>13.7</u> Ohms <u>89</u>				

Remarks: Driller said water was at 200'. No water sample was taken. Vent pipe is perforated up to

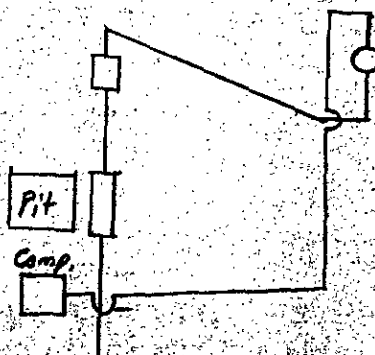
Rectifier Size: 40 V 14 A 4300
Add'l Depth 900
Depth Credit: 32' 11200 5200
Extra Cable: 50800
Ditch & 1 Cable:
Ditch & 2 Cable:
Meter Pole: 31000
Meter Pole: 16000
Stub Pole: 4000
ction Box: 4000

559800
111279.90
55877.90
3077.45

All Construction Completed

Fandy Smith
(Signature)

GROUND BED LAYOUT SKETCH



2210

MERIDIAN OIL

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

Date 1-11-88

DEEP WELL GROUND BED LOG

Company Burge Corrosion

Well No. 404 Location S.J. 30-6 Volts Applied 12.1 Amperes 12.2

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	TD 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 2.0		750	3.4
80		305	1.1		530	③ 430 2.2		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	✓	570			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	

BURGE CORROSION SYSTEMS INC.

P.O. BOX 1359

AZTEC, NEW MEXICO 87410

DRILLING AND LOGGING LOG

192600

JOB NUMBER 147
WELL NAME S.J. 230-6 #4/6HOLE DIAMETER 6 3/4 INDATE 1-17-88HOLE DEPTH 480 FT

FINAL READING _____ VOLTS

COMPANY NAME Meridian

NUM OF ANODES _____

FINAL READING _____ AMPS

LEGAL DESCRIPTION 1/4 S24 T8 R7WATER DEPTH 130 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	"				490				
15	"				255	"				495				
20	"				260	"				500				
25	"				265	"				505				
30	"				270	"				510				
35	"				275	"				515				
40	"				280	Shale				520				
45	"				285	"				525				
50	"				290	"				530				
55	"				295	"				535				
60	"				300	Sandstone				540				
65	"				305	"				545				
70	"				310	"				550				
75	"				315	"				555				
80	"				320	"				560				
85	Shale				325	"				565				
90	"				330	"				570				
95	"				335	"				575				
100	"				340	"				580				
105	"				345	"				585				
110	"				350	"				590				
115	"				355	"				595				
120	"				360	"				600				
125	Watersand				365	"				605				
130	"				370	"				610				
135	"				375	"				615				
140	"				380	"				620				
145	"				385	"				625				
150	"				390	"				630				
155	"				395	"				635				
160	"				400	Shale				640				
165	"				405	"				645				
170	"				410	"				650				
175	Shale				415	"				655				
180	"				420	"				660				
185	"				425	Sandstone				665				
190	"				430	"				670				
195	"				435	"				675				
200	"				440	"				680				
205	"				445	Shale				685				
210	"				450	"				690				
215	"				455	"				695				
220	"				460	"				700				
225	"				465	Sandstone				705				
230	"				470	"				710				
235	Sandstone				475	"				715				
240	"				480	"				720				