

1312

30-045-26459

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 P Sec. 18 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SCHUMACHER #10A

cps 1920w

Elevation 6419' Completion Date 12/10/87 Total Depth 540' 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. 180' NO SAMPLE

Depths gas encountered: N/A

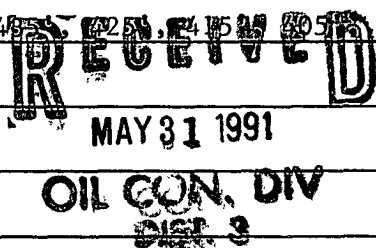
Type & amount of coke breeze used: N/A

Depths anodes placed: 485', 465', 455', 445', 435', 425', 415', 405', 395', 385'

Depths vent pipes placed: 525'

Vent pipe perforations: 320'

Remarks: gb #1



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.

WELL CASING
CATHOLIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Here) ☒Completion Date 12-10-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
1920-w	Schumacher #10-A		600 SE-87	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
P 18-30-10	2" x 60"	Puriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat. Used
540'	520'			
Anode Depth				
#1 485'	#2 465'	#3 455'	#4 445'	#5 435'
#6 425'	#7 415'	#8 405'	#9 395'	#10 385'
Anode Output (Amps)				
#1 6.0	#2 7.2	#3 6.5	#4 5.6	#5 7.3
#6 7.1	#7 6.6	#8 6.6	#9 6.3	#10 5.4
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 11.97	Amps 26.0	Ohms .460	ELEVATION = 6419	

Remarks: DRILLED 540'; LOGGED 520'. DRILLER SAID WATER AT 180' NOT ENOUGH FOR SAMPLE. INSTALLED 525' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 320'

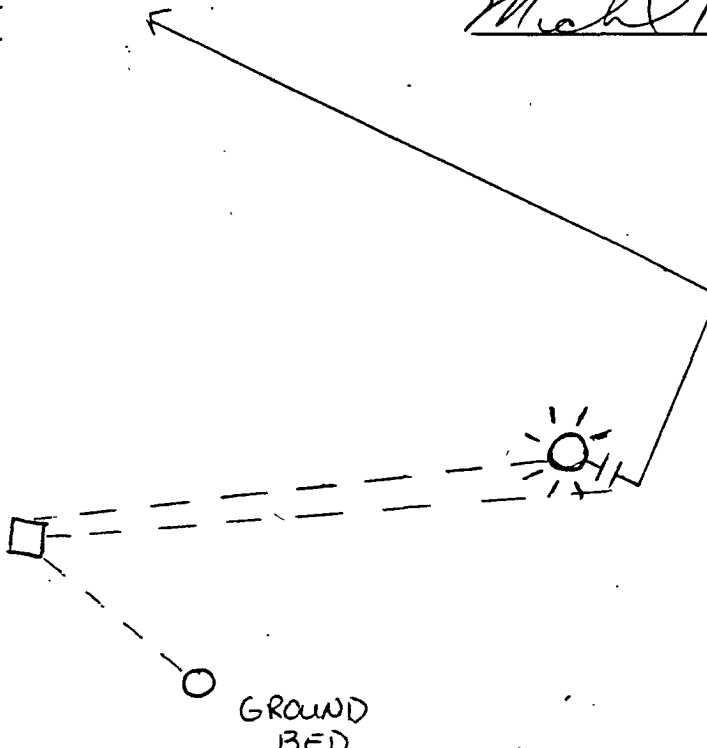
Rectifier Size: 40 v 16 A
 Addn'l Depth 20 ✓
 Depth Credit: _____
 Extra Cable: 30 ✓
 Ditch & 1 Cable: 60 ✓
 Ditch & 2 Cable: 170 ✓
 25' Meter Pole: _____
 20' Meter Pole: 1 ✓
 10' Stub Pole: _____
 Junction Box: 1 ✓

All Construction Completed

Mah R. Williams
 (Signature)

4300.00 ✓
 140.00 ✓
 750 ✓
 2580 ✓
 9350 ✓
 30000 ✓
 4000
 91000
 5816.80
 290.84
 6107.64 ✓

OK



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

JOB NUMBER 147
WELL NAME Schumacher #10-A
COMPANY NAME Meridian
LEGAL DESCRIPTION 1/4 S19 T30 R10

HOLE DIAMETER 6 7/8 IN
HOLE DEPTH 540 FT
NUM OF ANODES _____
WATER DEPTH 180 FT

DATE 12-10-87
FINAL READING _____ VOLTS
FINAL READING _____ AMPS
FINAL READING _____ OHMS

CPS 1920ce

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
5	Sandstone				245	//				485	//			
10	//				250	//				490	//			
15	//				255	//				495	//			
20	//				260	//				500	//			
25	//				265	//				505	//			
30	//				270	//				510	Sandstone			
35	//				275	//				515	//			
40	//				280	//				520	//			
45	//				285	//				525	//			
50	//				290	//				530	//			
55	//				295	//				535	//			
60	//				300	//				540	//			
65	//				305	//				545				
70	//				310	//				550				
75	//				315	//				555				
80	//				320	//				560				
85	//				325	//				565				
90	//				330	//				570				
95	//				335	//				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	shale				630				
155	//				395	//				635				
160	//				400	//				640				
165	//				405	//				645				
170	//				410	//				650				
175	Watersand				415	//				655				
180	//				420	//				660				
185	//				425	//				665				
190	//				430	//				670				
195	Shale				435	//				675				
200	//				440	//				680				
205	//				445	//				685				
210	Sandstone				450	//				690				
215	//				455	//				695				
220	//				460	//				700				
225	//				465	//				705				
230	//				470	//				710				
235	//				475	//				715				
240	//				480	//				720				

Date 12-10-87

5		230	.7	455	2.7 ^p	680	① 485 - 4.3 - 6.0
10		235	.9	460	2.8	685	② 465 - 4.0 - 7.2
15		240	1.0	465	2.6 ^p	690	③ 455 - 3.9 - 6.5
20		245	1.6	470	2.3	695	④ 445 - 3.9 - 5.6
25		250	1.9	475	1.9	700	⑤ 435 - 4.0 - 7.3
30		255	1.8	480	2.8	705	⑥ 425 - 4.1 - 7.1
35		260	1.5	485	2.8 ^p	710	⑦ 415 - 4.2 - 6.6
40		265	1.1	490	2.2	715	⑧ 405 - 3.7 - 6.6
45		270	.9	495	2.5	720	⑨ 395 - 3.7 - 6.3
50		275	1.4	500	2.6	725	⑩ 385 - 3.7 - 5.6
55		280	2.1	505	2.7	730	
60		285	2.0	510	2.9	735	
65		290	2.2	515	2.6 TO 520	740	
70		295	1.4	520		745	
75		300	1.1	525		750	
80		305	1.0	530		755	
85		310	.9	535		760	P1-60
90		315	.7	540		765	P2-170
95		320	.9	545		770	
100		325	.9	550		775	
105		330	1.3	555		780	
110		335	1.0	560		785	
115		340	1.2	565		790	
120		345	1.1	570		795	
125		350	1.0	575		800	
130		355	.6	580		805	
135		360	.3	585		810	
140		365	2.4	590		815	
145		370	2.4	595		820	
150		375	2.4	600		825	
155		380	2.5	605		830	
160		385	2.7 ^p	610		835	
165		390	2.6	615		840	
170		395	2.6 ^p	620		845	
175		400	2.6	625		850	
180		405	2.7 ^p	630		855	
185		410	2.7	635		860	
190		415	2.8 ^p	640		865	
195		420	2.8	645		870	
200	7	425	2.8 ^p	650		875	
205	8	430	2.8	655		880	
210	5	435	2.8 ^p	660		885	
215	6	440	2.8	665		890	
220	7	445	2.6 ^p	670		895	
225	6	450	2.6	675		900	