

1302

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30-045-26641

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 G Sec. 24 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced LLOYD #2

cps 1910w

Elevation 6281' Completion Date 11/5/87 Total Depth 440' 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. 60' & 160' NO SAMPLE

Depths gas encountered: N/A

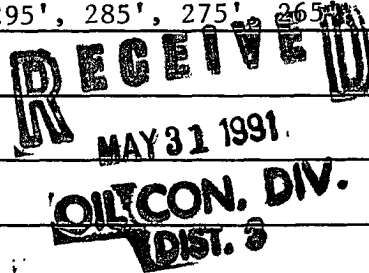
Type & amount of coke breeze used: N/A

Depths anodes placed: 345', 335', 325', 305', 295', 285', 275', 265', 255', 245'

Depths vent pipes placed: 390'

Vent pipe perforations: 300'

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.

MERIDIAN OIL INC.
 Farmington Region
 Post Office Box 4239
 Farmington, New Mexico 87499
 (505) 327-0251

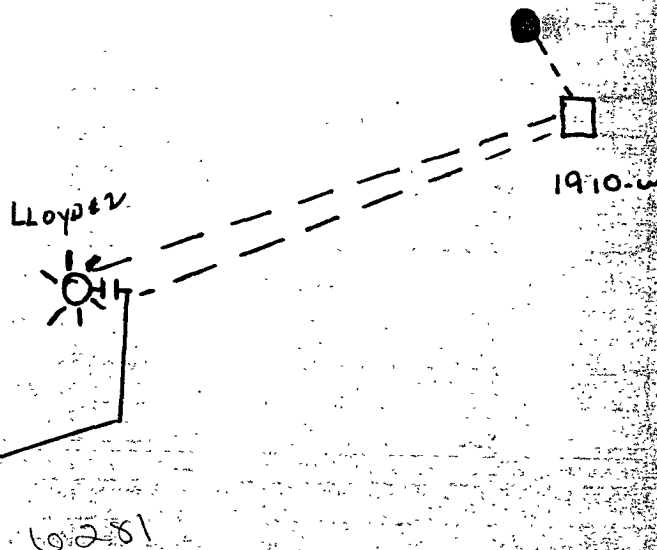
WELL CASING
 Drilling Log (Attach Here) ☐ CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 11-5-87
 DAILY LOG

CPS #	Well Name: Line or Plant	Work Order #	Static	Ins. Union Check
19.10-W	LLOYD #2		600' W = .83	☒ Good ☐ Bad
Location: 62A-30-11	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled: 440'	Depth Logged: 386'	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
Anode Depth				
# 1 345'	# 2 335'	# 3 325'	# 4 305'	# 5 295'
# 6 285'	# 7 275'	# 8 265'	# 9 255'	# 10 245'
Anode Output (Amps)				
# 1 3.9	# 2 5.3	# 3 5.0	# 4 4.8	# 5 5.0
# 6 5.3	# 7 5.1	# 8 4.8	# 9 6.0	# 10 4.4
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				
Volts 11.6	Amps 18.0	Ohms .64	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
ELEVATION 6281				

Remarks: DRILLED 440' ; LOGGED 386' . DRILLER SAID WATER AT 60'
 NOT ENOUGH for sample ; ALSO WATER AT 160' . INSTALLED
 390' of 1" PVC VENT pipe . PERFORATED BOTTOM 300'

Rectifier Size: 40 v 16 A ✓
 Addnl Depth: _____
 Depth Credit: 114' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 10' ✓
 Ditch & 2 Cable: 210' ✓
 25' Meter Pole: _____
 20' Meter Pole: 1
 10' Stub Pole: _____
 Junction Box: 1

GROUND BED LAYOUT SKETCH



4300.00 ✓
 - 399.00 ✓
 7.50 ✓ 3901.00
 4.30 ✓
 205.80 ✓ 115.50
 300.00 ✓
 40.00 ✓
 4458.60 4368.30
 222.93 218.42
 4681.53 4586.72

All Construction Completed

(Signature)
 M. J. O.

DEEP WELL GROUND BED LOG

MERIDIAN

Well No. 440412 #2

Location G24-30-11

Volts Applied: 11.6

Amperes 18.5

Amps		Volts		Watts		Amps		Volts		Watts	
5		230	2.0	455		680	0.345	2.4	3.9		
10		235	2.1	460		685	0.335	2.5	5.2		
15		240	2.2	465		690	0.325	2.6	5.0		
20		245	2.3	470		695	0.315	2.7	4.8		
25		250	2.3	475		700	0.295	3.1	5.0		
30		255	2.4	480		705	0.285	3.1	5.3		
35		260	2.3	485		710	0.275	2.9	5.1		
40		265	2.2	490		715	0.265	3.1	4.8		
45		270	2.1	495		720	0.255	3.3	6.0		
50		275	2.1	500		725	0.245	3.1	4.4		
55		280	2.1	505		730					
60		285	2.2	510		735					
65		290	2.2	515		740					
70		295	2.2	520		745					
75		300	2.2	525		750					
80		305	2.4	530		755					
85		310	1.5	535		760					
90		315	1.5	540		765					
95		320	2.2	545		770					
100		325	2.3	550		775					
105		330	2.4	555		780					
110		335	2.4	560		785					
115		340	2.2	565		790					
120		345	2.1	570		795					
125		350	2.1	575		800					
130		355	1.8	580		805					
135		360	1.8	585		810					
140		365	1.7	590		815					
145		370	1.1	595		820					
150		375	1.4	600		825					
155		380	1.4	605		830					
160		385	1.4	610		835					
165		390		615		840					
170	1.0	395		620		845					
175	1.1	400		625		850					
180	1.0	405		630		855					
185	.9	410		635		860					
190	1.1	415		640		865					
195	1.2	420		645		870					
200	1.2	425		650		875					
205	1.6	430		655		880					
210	2.0	435		660		885					
215	2.0	440		665		890					
220	2.1	445		670		895					
225	2.1	450		675		900					

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359

AZTEC, NEW MEXICO 87410

DRILLING AND LOGGING LOG

191000

JOB NUMBER 147

HOLE DIAMETER 6 3/4 IN

DATE 11-4-87

WELL NAME LLOYD #2

HOLE DEPTH 440 FT

FINAL READING VOLTS

COMPANY NAME Meridian

NUM OF ANODES

FINAL READING AMPS

LEGAL DESCRIPTION 1/4 6 S 24 T 30 R 11

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
5	Sand				245	11				485				
10	Sandstone				250	11				490				
15	11				255	11				495				
20	11				260	11				500				
25	Water Sand				265	11				505				
30	11				270	11				510				
35	11				275	11				515				
40	11				280	11				520				
45	Shale & clay				285	11				525				
50	11				290	11				530				
55	11				295	11				535				
60	11				300	11				540				
65	11				305	Sandstone				545				
70	11				310	11				550				
75	Sandstone				315	11				555				
80	11				320	Shale				560				
85	11				325	11				565				
90	11				330	11				570				
95	11				335	Water Sand				575				
100	11				340	Shale				580				
105	11				345	11				585				
110	11				350	11				590				
115	11				355	11				595				
120	11				360	11				600				
125	11				365	Sand 11				605				
130	11				370	11				610				
135	11				375	Sandstone				615				
140	11				380	11				620				
145	11				385	11				625				
150	11				390	11				630				
155	11				395	11				635				
160	11				400	11				640				
165	11				405	11				645				
170	11				410	11				650				
175	11				415	11				655				
180	11				420	11				660				
185	11				425	11				665				
190	11				430	11				670				
195	11				435	11				675				
200	11				440	11				680				
205	11				445	11				685				
210	11				450	11				690				
215	11				455	11				695				
220	11				460	11				700				
225	Shale				465	11				705				
230	11				470	11				710				
235	11				475	11				715				
240	11				480	11				720				