

1095

30-045-26444

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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 I Sec. 34 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL #3A

cps 1819w

Elevation 6266' Completion Date 8/9/87 Total Depth 600' 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. 230' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 530', 520', 510', 500', 480', 427', 417', 407', 397', 387'

Depths vent pipes placed: N/A

Vent pipe perforations: 380'

Remarks: gb #1

R
MAY 31 1991
OIL CON.
DIST.

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
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 8-9-87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins Union Check
1819 W	Howell #3A		31 N	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
I34-28-8	2" X 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
600	542	7 hrs		
Anode Depth				
# 1 530	# 2 520	# 3 510	# 4 500	# 5 480
# 6 427	# 7 417	# 8 407	# 9 397	# 10 387
Anode Output (Amps)				
# 1 1.6	# 2 2.9	# 3 2.4	# 4 2.2	# 5 2.3
# 6 3.0	# 7 3.2	# 8 4.4	# 9 3.9	# 10 3.1
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	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 123	Amps 15.8	Ohms .77		

Remarks: Driller said water was at 230. No water sample was taken. Vent pipe is perforated up to 220'

Rectifier Size: 40 V 16 A
 Addn'l Depth 42'
 Depth Credit:
 Extra Cable: 30'
 Ditch & 1 Cable: 45'
 Ditch & 2 Cable: 115'
 25' Meter Pole: 295.00
 20' Meter Pole: 295.00
 10' Stub Pole:
 Junction Box: 40.00

4300.00 V

294.00 V

7.50 V

17.55 V

59.80 V

295.00 V

40.00 V

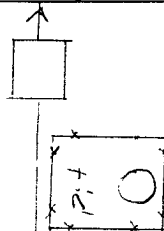
5013.85

TAX 250.169

5264.54

All Construction Completed

Randy Smith
(Signature)



115'
 45' - Δ GB.
 M.P.

Bul. 50' 50'

62460

BURG CORROSION SYSTEMS, IC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date August 7th

Company MERIDIAN OIL HOWELL 3-A

Well No. HOWELL 3-A Location _____ Volts Applied 12.3 Amperes 15.8

5				230	.2			455	.9			680	10	3	8	7
10				235	.2			460	.9			685	9	3	9	7
15				240	.1			465	1.0			690	8	4	0	7
20				245	.3			470	1.0			695	7	4	1	7
25				250	.2			475	1.2			700	6	4	2	7
30				255	.4			480	1.6 - 5			705	5	4	8	0
35				260	.2			485	1.3			710	4	5	0	0
40				265	.3			490	1.1			715	3	5	1	0
45				270	.6			495	1.2			720	2	5	2	0
50				275	.7			500	1.3 - 4			725	1	5	3	0
55				280	.5			505	1.0			730	FINALS			
60				285	.5			510	1.4 - 3			735	1	-	1.6	
65				290	.4			515	1.9			740	2	-	2.9	
70				295	.3			520	2.0 - 2			745	3	-	2.4	
75				300	.2			525	1.9			750	4	-	2.2	
80				305	.7			530	1.4 - 1			755	5	-	2.3	
85				310	.5			535	1.5			760				
90				315	.3			540	1.4			765	6	-	3.0	
95				320	.3			545	5/2 TD			770	7	-	3.2	
100				325	.3			550				775	8	-	4.4	
105				330	.2			555				780	9	-	3.9	
110				335	.3			560				785	10	-	3.1	
115				340	.3			565				790				
120				345	.3			570				795				
125				350	.2			575				800				
130				355	.2			580				805				
135				360	.4			585				810				
140				365	.4			590				815				
145				370	.4			595				820				
150				375	.7			600				825				
155				380	.7			605				830				
160				385	1.1			610				835				
165				390	1.3 - 10			615				840				
170				395	1.4			620				845				
175			1.4	400	1.6 - 9			625				850				
180			1.2	405	1.6			630				855				
185			1.2	410	1.5 - 8			635				860				
190			1.2	415	1.5			640				865				
195				420	1.3 - 7			645				870				
200				425	1.4			650				875				
205	.2			430	1.2 - 6			655				880				
210	.2			435	.7			660				885				
215	.6			440	.5			665				890				
220	.2			445	.7			670				895				
225	.5			450	.8			675				900				

Howell D3B
- 94

CPS 1819 W

CPS 1819 W

CPS 1819 W

CPS 1819 W

HOLE MADE:

600' 542' TD

DESCRIPTION OF FORMATION

[illegible]

REMARKS: Moisture at 200'

Verane Hill

Driller

Tool Dresser