

E

- 834

30-045-21724

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SE Sec 10 Twp 30 Rng 9

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

cps 1102w

Elevation 6126' Completion Date 5/26/77 Total Depth 380' 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. 175'

Depths gas encountered: N/A

Type & amount of coke breeze used: 38 SACKS

Depths anodes placed: 330', 320', 310', 300', 290', 280', 270', 260', 250', 240'

Depths vent pipes placed: 275' OF 1" PVC VENT PIPE

Vent pipe perforations:

Remarks: gb #1

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

H. J. H.

Drilling Log (Attach Hereto). ☐

Completion Date **5-26-77**

Well Name Riddle #3A		Location SE 10-30-9		CPS No. 1102 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57034	
Anode Hole Depth 380	<i>Logged</i> (372)	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Depth					
# 1 330	# 2 320	# 3 310	# 4 300	# 5 290	# 6 280
# 7 270	# 8 260	# 9 250	# 10 240		
Anode Output (Amps)					
# 1 2.4	# 2 3.3	# 3 3.5	# 4 3.7	# 5 4.6	# 6 4.4
# 7 4.4	# 8 4.1	# 9 5.1	# 10 4.9		
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 11.8	Amps 16.3	Ohms 0.73		No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

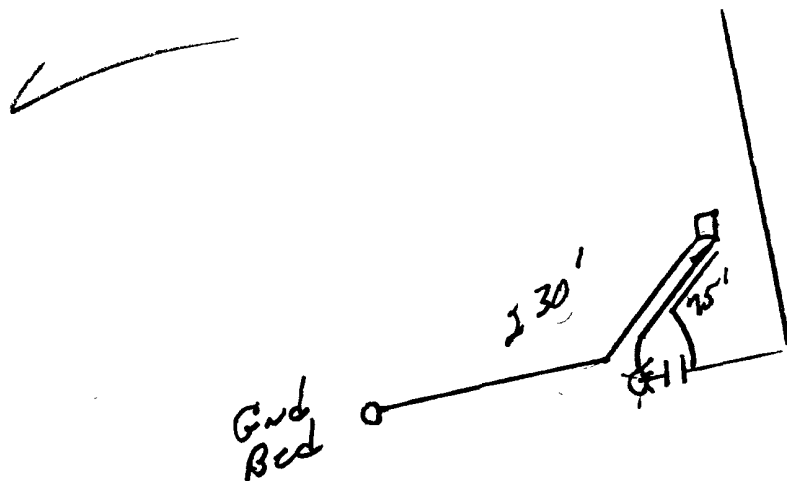
Remarks: **DRILLER SAID WCT @ 50' MAKING WATER @ 175'**
PERFORATED 200' of 1" PVC VENT PIPE. INSTALLED 275' of 1" PVC VENT PIPE
SLURRIED 38 SACKS OF COKE

**Rectifier Pole &
Rectifier needs
to be set.**

All Construction Completed

W.F. Lott
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

W. J. H.

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

0.73
16.3/11.8/0
3.90
6.4

Riddle #3#

1102W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	HC ₄ 12.30
72	HC ₅ 11.93
86	HC ₆ 13.85
100	HC ₇ 13.71
114	HC ₈ 15.50
128	HC ₉ 15.57
142	HC ₁₀ 17.2
156	C ₁₁ 17.46
170	C ₁₂ 19.38
184	C ₁₃ 9.64
200	C ₁₄ 9.67

MW	MISC.	gas/mol
44	CO ₂	5.38
58	H ₂ S	5.17
72	N ₂	4.16
86	H ₂	3.38

DRILLER SAID wet @ 50'
water @ 175'
next AM WATER standing @
Perforated 200' of vent pipe
372' TD
installed 275' 1" PVC vent pipe

100		-50	2.4	⑨					
			2.4						
10		-60	2.5	⑧					
			2.6						
20		-70	2.4	⑦					
			2.4						
30		-80	2.7	⑥					
			2.4						
40		-90	2.4	⑤	①	330	1.7	2.4	
			2.6		②	320	2.5	3.3	
50		300	2.3	④					
	.7		2.3		③	310	2.9	3.5	
60	.8	-10	2.2	③					
	.9		2.1		④	300	3.0	3.7	
70	1.0	-20	2.0	②					
	1.6		1.8		⑤	290	3.6	4.6	
80	1.9	-30	1.4	①					
	1.7		.9		⑥	280	3.2	4.4	
90	2.0	40	.7		⑦	270	3.3	4.4	
	1.5		.8						
200	1.3	50	.9		⑧	260	3.2	4.1	
	1.1		.9						
10	.9	60	.9		⑨	250	3.8	5.1	
	.9		1.0						
20	.8	372 70			⑩	240	3.6	4.9	
	.6								
30	.4	80							
	.6								
⑩ 40	2.2								
	2.5								

11.8 V 16.3 A 0.73 ~