

45- 30-039-07561
45E- 30-039- 23956

4564

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

Operator MERIDIAN OIL Location: Unit SW Sec. 20 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #45, #45E

cps 119w

Elevation 6575' Completion Date 9/9/83 Total Depth 520' Land Type* N/A

Casing, Sizes, Types & Depths 6' OF 8" CASING

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. 160', 235'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5000 lbs.

Depths anodes placed: 460', 250', 240', 230', 220', 210', 200', 190', 180', 170'

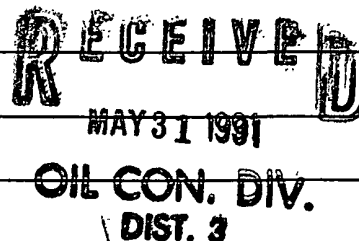
Depths vent pipes placed: 510' OF 1" PVC VENT PIPE

Vent pipe perforations: 440'

Remarks: gb. #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

Drilling Log (Attach Hereto) ☐Completion Date 9-9-83

CPS #	Well Name, Line or Plant:	Work Order #	Static.	Ins. Union Check
119-W	S.J. 29-7 #45	40056-19-50-20-63		☐ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
SW 20-29-7	2" X 60"	Duricon	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
520	507		5,000	
Anode Depth				
# 1 460	# 2 250	# 3 240	# 4 230	# 5 220
# 6 210	# 7 200	# 8 190	# 9 180	# 10 170
Anode Output (Amps)				
# 1 3.0	# 2 3.2	# 3 3.3	# 4 4.2	# 5 5.0
# 6 4.6	# 7 4.5	# 8 3.4	# 9 3.7	# 10 3.4
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 12v	Amps 15.5	Ohms .78		

Remarks: Set 6' of 8" casing. Drilled to 160' found water. Blew water from hole next morning. Found more water at 235'. Installed 510' of 1" PVC vent pipe 440' with perforations. Slurried 5,000 lbs of coke down hole. Got water sample. Drilled in sandy shale from 255 to 450 which would not log.

Rectifier Size: 7 V ✓ A
 Addn'l Depth: 7 ✓
 Depth Credit: 5' ✓
 Extra Cable: 102' ✓
 Ditch & 1 Cable: 102' ✓
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole:

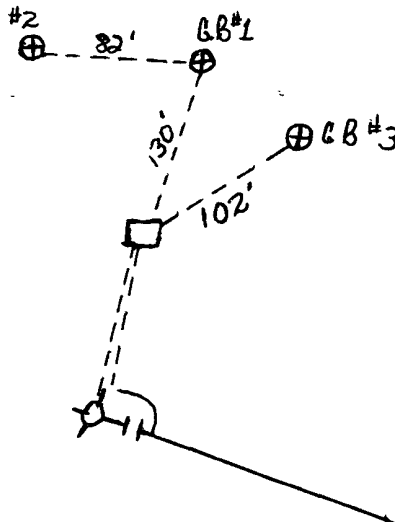
Regime | 0. time |
8 | 2 |

Redn: 11

All Construction Completed

C.W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

SW 20-29-7

CONTRACTOR

CONTRACTOR Loftis Co.

RIG NO. IRT

REPORT NO. 1196

DATE 9-9-83

19

MORNING

DAYLIGHT

EVENING

[illegible]

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 9-9-83
By: BD
File: _____CPS 119-W
S.J. 29-7 #45
SW 20-29-7w.o. # 40056-19-50-20-63
Redrill #3

Set 6' of 8" casing (PVC)

Drilled to 160' found water.
Blew water from hole. Found more
water at 235'. Installed 510'
of 1" pvc vent pipe with 440'
of perforations. Got water sample.Drilled: 520
Logged: 507Drilled in sandy shale
from 255 to 450 which would
not log.

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

Better
water →

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

160	1.0	370	.1
65	1.0	75	.2
70	1.1 ⑥	80	.2
75	1.1	85	.2
80	1.1 ⑨	90	.2
85	1.0	95	.2
90	1.0 ⑧	400	.2
95	1.0	05	.2
200	1.1 ⑦	10	.3
05	1.2	15	.4
10	1.2 ⑥	20	.2
15	1.2	25	.2
20	1.2 ⑤	30	.2
25	1.1	35	.2
30	1.1 ④	40	.3
35	1.1	45	.3
40	1.0 ③	50	.5
45	1.0	55	1.2
50	1.0 ②	60	1.2 ①
55	.8	65	.8
60	.6	70	.6
65	.5	75	.5
70	.5	80	.5
75	.6	85	.6
80	.7	90	.8
85	.6	95	.8
90	.3	500	.6
95	.3	05	
300	.3	10	
05	.3	25	
10	.2	20	
15	.1		
20	.1		
25	.1		
30	.4		
35	.3		
40	.2		
45	.2		
50	.1		
55	.1		
60	.1		
65	.1		

460	①	1.2	3.0
250	②	1.2	3.2
240	③	1.2	3.3
230	④	1.3	4.2
220	⑤	1.6	5.0
210	⑥	1.6	4.6
200	⑦	1.6	4.5
190	⑧	1.2	3.4
180	⑨	1.4	3.7
170	⑩	1.45	3.4

12.1V 15.5A .78Ω