

1358 #103 30-045-26956
#55 30-045-23349

E

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

Operator MERIDIAN OIL Location: Unit K Sec. 10 Twp. 32 Rng. 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #103, #55

cps 1673w

Elevation 6867' Completion Date 5/2/89 Total Depth 480' 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. 260'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 455', 445', 435', 420', 410', 375', 365', 355', 330', 320'

Depths vent pipes placed: N/A

Vent pipe perforations: UP TO 150'

Remarks: gb #2

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 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.

Comp ✓

Drilling Log (Attach Hereto) ☐

Completion Date 5-2-89

CPS #	Well Name, Line or Plant	Work Order #	Static:	Ins	Union Check					
1673W	Allison 103 Allison 55	3415A	- 83 NW	☒	Good ☐ Bad					
Location	Anode Size	Anode Type	Size Bit:							
10-32-7	2"x60"	Deniron	6 3/4"							
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No Sacks Mud Used					
480	475	5 hrs	—	—	—					
Anode Depth										
# 1 455	# 2 445	# 3 435	# 4 420	# 5 410	# 6 375	# 7 365	# 8 355	# 9 330	# 10 320	
Anode Output (Amps)										
# 1 3.1	# 2 3.1	# 3 3.6	# 4 3.4	# 5 3.3	# 6 3.7	# 7 3.8	# 8 3.8	# 9 3.2	# 10 3.3	
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 11.9	Amps 17.5	Ohms .68								

Remarks: Driller said water was at 260'. Vent pipe is perforated up to 150'. Plow negative and positive to new G.B. and neg. to 103. from 1673w.

Rectifier Size: V A
Addn'l Depth
Depth Credit: 25 3.75
Extra Cable: 227 .20
Ditch & 1 Cable: 336 .70
25' Meter Pole:
20' Meter Pole:
10' Stub Pole:

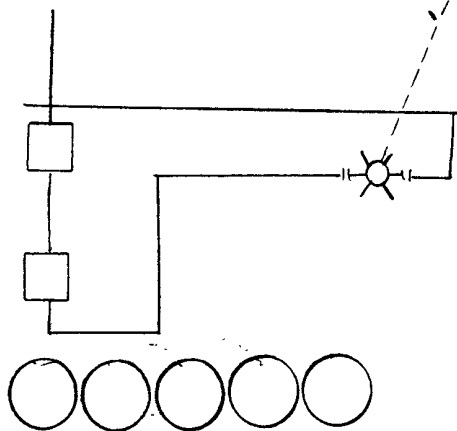
Ybox 237.00

All Construction Completed

Randy Smith
(Signature)

(Signature _____)

GROUND BED LAYOUT SKETCH



6847

$$\begin{array}{r} 3870.00 - \\ - 93.75 \checkmark \\ \hline 45.40 - \\ 235.20 \checkmark \\ 237.00 - \\ \hline 4293.85 \\ 214.69 \checkmark \\ \hline 4508.54 \end{array}$$

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1359

E

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. 10 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #55, #103
cps 1673w

Elevation 6867' Completion Date 9/6/83 Total Depth 620' 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. NO WATER

Depths gas encountered: N/A

Type & amount of coke breeze used: 6820 lbs.

Depths anodes placed: 585', 560', 550', 540', 525', 510', 490', 480', 440', 430'

Depths vent pipes placed: 625'

Vent pipe perforations: 400'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DISL 2

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 9-6-83

CPS #	Well Name, Line or Plant:	Work Order #	Static.	Ins Union Check
1673-W	ALBISON U. #55	57601-21-50-20-64	.78 600' South	☒ Good ☐ Bad
	#103			
Location:	Anode Size:	Anode Type:	Size Bit:	
SW-10-32-7	2"X60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
620'	620'		6820	
Anode Depth				
# 1 585'	# 2 560'	# 3 550'	# 4 540'	# 5 525'
# 6 510'	# 7 490'	# 8 480'	# 9 440'	# 10 430'
Anode Output (Amps)				
# 1 2.91	# 2 2.56	# 3 3.00	# 4 2.82	# 5 3.18
# 6 3.08	# 7 2.95	# 8 2.75	# 9 3.55	# 10 3.45
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 13.85	Amps 14.30	Ohms .968	5160'	

Remarks: Dripper said NO water. Skurred 6820 lbs of coke.
installed 625' of 1" P.V.C. vent Pipe Perforated 400'

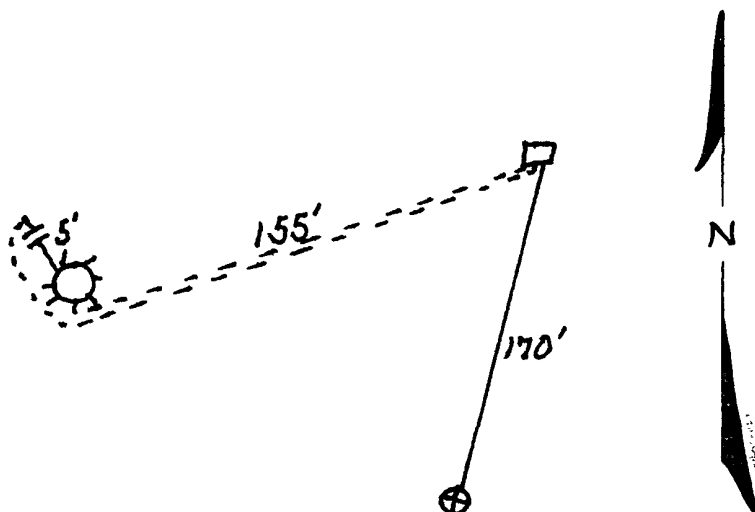
Rectifier Size: 40 V, 16 A ✓
 Addn'l Depth: 120' ✓
 Depth Credit: NONE
 Extra Cable: 190' ✓
 Ditch & 1 Cable: 325' ✓
 25' Meter Pole: NONE
 20' Meter Pole: YES ✓
 10' Stub Pole: NONE

All Construction Completed

Don Jan Hitt
(Signature)

GROUND BED LAYOUT SKETCH

Reg	O.T.
8	3



6867

005 # 1573-62 DAILY DRILLING REPORT

LEASE <u>Alison</u> WELL NO. <u>055</u> CONTRACTOR <u>S.H. Alexander</u> RIG NO. <u>634</u> REPORT NO. <u>9-6</u> DATE <u>9-6</u> 19 <u>83</u>									
MORNING									
DAYLIGHT									
EVENING									
Driller <u>0</u> <u>40</u> <u>620</u> <u>shale r ss strings</u>									
Total Men In Crew									
FORMATION									
WT-BIT									
R.P.M.									
NO. DC									
SIZE									
LENG.									
NO. DC									
SIZE									
LENG.									
STANDS									
SINGLES									
DOWN ON KELLY									
TOTAL DEPTH									
MUD, ADDITIVES USED AND RECEIVED									
MUD RECORD									
Time									
Wt.									
Vis.									
FROM									
TO									
TIME BREAKDOWN									
REMARKS -									
No water									
REMARKS -									
SIGNED: Toolpusher <u>D. Webster</u> Company Supervisor <u>Donlan Hitt</u>									

ALLISON U.# 55 SW-10-32-7 W.O.# 57601-21-50-20-67
C.P.S. 1673-W

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

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

10 - 2" x 60" DURIUM ANODES. Driller said NO water
Installed 625' of 1" PVC. Drilled to 620' Logged 620'
Vent Pipe Perforated 400'

4 0 0	.43	4 0	.67 (4)		
5	.76	4 5	.72		
1 0	.74	5 0	.65 (3)		
1 5	.72	5 5	.63		
2 0	.80	6 0	.65 (2)		
2 5	.79	6 5	.63		
3 0	.80 (10)	7 0	.61		
3 5	.72	7 5	.61	14.30 AMPS	13.85 VOLTS
4 0	.73 (9)	8 0	.66	.968	Ω
4 5	.66	8 5	.65 (1)		
5 0	.65	9 0	.65		
5 5	.60	9 5	.61	(1) 5+85	.67 2.91
6 0	.50	6 0 0	.65	(2) 5+60	.64 2.56
6 5	.58	5	.72	(3) 5+50	.66 3.00
7 0	.60	1 0	.81	(4) 5+40	.65 2.82
7 5	.64	1 5		(5) 5+25	.75 3.18
8 0	.65 (8)	2 0	B.O.H.	(6) 5+10	.74 3.08
8 5	.62	2 5		(7) 4+90	.74 2.95
9 0	.66 (7)	3 0		(8) 4+80	.72 2.75
9 5	.61	3 5		(9) 4+70	.86 3.55
5 0 0	.58	4 0		(10) 4+30	.76 3.45
5	.57	4 5			
1 0	.63 (6)	5 0			
1 5	.58	5 5			
2 0	.66	6 0			
2 5	.69 (5)	6 5			
3 0	.59	7 0			
3 5	.57	7 5			