

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. I
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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

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" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l 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'. Flow 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:

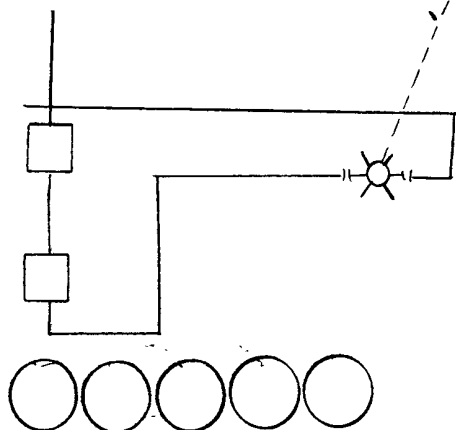
J box 237.00

1673W

All Construction Completed

Randy Smith
 (Signature)

GROUND BED LAYOUT SKETCH



3870.00 -
 93.75 ✓
 45.40 ✓
 235.20 ✓
 237.00 ✓
 4293.85
 214.69 ✓
 4508.54 06

N

6867

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.
DIST. 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	ALLISON U. #55 #103	57601-21-50-20-64	.78 600' South	☒ Good ☐ Bad
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: Driller said NO water. Skurred 6820 lbs of coke.
installed 625' of 1" P.V.C. vent Pipe Perforated 400'

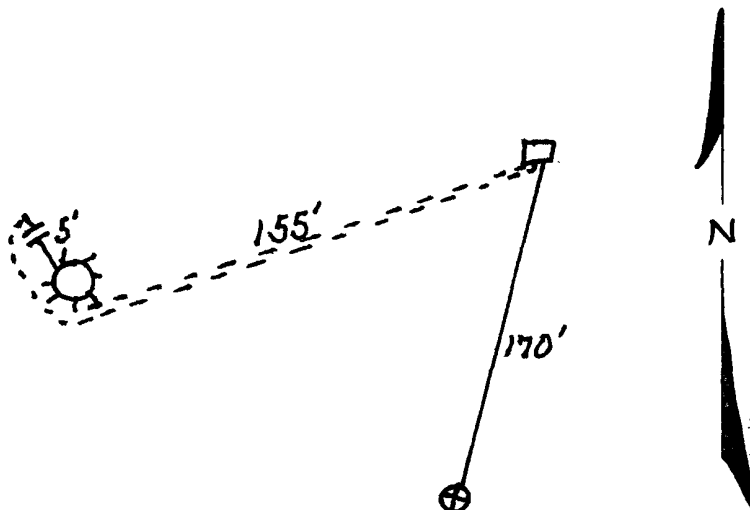
Rectifier Size: 40 V 16 A ✓
 Addn'l Depth 120' ✓
 Depth Credit: NONE
 Extra Cable: 190' ✓
 Ditch & 1 Cable: 325' ✓
 25' Meter Pole: NONE
 20' Meter Pole: YES ✓
 10' Stub Pole: NONE

All Construction Completed

Don Jan Hitt
(Signature)

GROUND BED LAYOUT SKETCH

Reg	O.T.
8	3



6867

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

CPS # 1673-62 DAILY DRILLING REPORT

LEASE Allison

WELL NO. U 55

CONTRACTOR

S. H.

RIG NO.

REPORT NO.

DATE 9-6

1983

MORNING

DAYLIGHT

EVENING

Driller					Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS	
SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES	
TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY	
MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH	

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
	No water	

SIGNED: Toolpusher

D. Alexander

Company Supervisor

Don Jan Hitt

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" Duriron Anodes Driller said no water
Installed 625' of 1" PVC Drilled to 620' Logged 620'
Vent Pipe Perforated 400'

4 0 0	.73	4 0	.67 (2)
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
4 0	.73 (9)	8 0	.66
4 5	.66	8 5	.65 (1)
5 0	.65	9 0	.65
5 5	.60	9 5	.61
6 0	.50	6 0 0	.65
6 5	.58	5	.72
7 0	.60	1 0	.81
7 5	.64	1 5	
8 0	.65 (8)	2 0	Bo.H.
8 5	.62	2 5	
9 0	.66 (7)	3 0	
9 5	.61	3 5	
5 0 0	.58	4 0	
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	

14.30 AMPS 13.85 VOLTS
.968 Ω

(1)	5+85	.67	2.91
(2)	6+60	.64	2.56
(3)	5+50	.66	3.00
(4)	5+90	.65	2.82
(5)	5+25	.75	3.18
(6)	5+10	.74	3.08
(7)	4+90	.74	2.95
(8)	4+80	.72	2.75
(9)	4+70	.86	3.55
(10)	4+30	.76	3.45