

1070 #52 30-045-24077
#118 30-045-27131

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. 28 Twp 32 Rng 6

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #52, #118

cps 1782w

Elevation 6702' Completion Date 9/4/85 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. 250' & 360'

Depths gas encountered: N/A

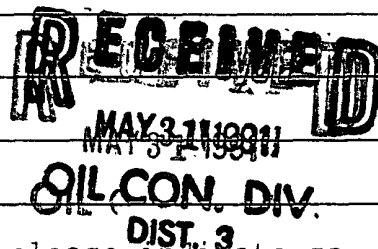
Type & amount of coke breeze used: 7400 lbs.

Depths anodes placed: 570', 560', 550', 540', 530', 520', 485', 475', 465', 450'

Depths vent pipes placed: 592'

Vent pipe perforations: 360'

Remarks: gb #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

Drilling Log (Attach Hereto). ☐Completion Date 9/4/85

CPS #	Well Name, Line or Plant <u>ALLISON UNIT #52</u>	Work Order #	Static	Ins. Union Check
<u>1782 W</u>			<u>600' N = .81 V</u>	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
<u>SW 28-32-6</u>	<u>2" X 60"</u>	<u>Durion</u>	<u>6 3/4"</u>	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
<u>600'</u>	<u>592'</u>		<u>7400</u>	
Anode Depth				
# 1 <u>570</u>	# 2 <u>560</u>	# 3 <u>550</u>	# 4 <u>540</u>	# 5 <u>530</u>
# 6 <u>520</u>	# 7 <u>485</u>	# 8 <u>475</u>	# 9 <u>465</u>	# 10 <u>450</u>
Anode Output (Amps)				
# 1 <u>2.8</u>	# 2 <u>3.0</u>	# 3 <u>3.0</u>	# 4 <u>3.0</u>	# 5 <u>3.4</u>
# 6 <u>3.0</u>	# 7 <u>2.1</u>	# 8 <u>2.3</u>	# 9 <u>2.1</u>	# 10 <u>2.2</u>
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 <u>12.2</u>	Amps <u>15.2</u>	Ohms <u>.8</u>		

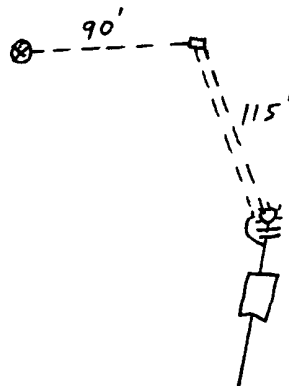
Remarks: Drilled To 200', Hole was dry next A.M. Hit moisture
AT 250', + 360'. Drilled To 600', Logged 592', Installed 592' of
1" P.V.C. vent pipe, Perforated To 232'.

Rectifier Size: 40 V 16 A
 Addn'l Depth 92'
 Depth Credit: —
 Extra Cable: 145'
 Ditch & 1 Cable: 205'
 25' Meter Pole: —
 20' Meter Pole: 1
 10' Stub Pole: —

All Construction Completed

JE Stalks
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg	O.T.
<u>9/4/85</u>	<u>10</u>	<u>3</u>

6702

C.P.S. 1282 W
LEASE ALISON UNIT WELL NO. #52 CONTRACTOR

RIG NO.

REPORT NO.

DATE 9/4/85 19

MORNING					DAYLIGHT					EVENING				
Driller <u>TIM CRIFFEL</u>		Total Men In Crew <u>5</u>			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.

BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.	
SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY	
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.												

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

REMARKS -
0-50 SAND STONE / GRAY SHALE
50-150 SAND STONE / BLUE SHALE
150-250 GRAY SHALE / SAND STONE
250-270 SAND STONE (C MOISTURE)
270-360 BLUE-GRAY SHALE
360-380 SAND STONE (C MOISTURE)
380-600 BLUE SHALE
592 T.D

REMARKS -

REMARKS -

SIGNED: Toolpusher TIM CRIFFEL

Company Supervisor

EL PASO NATURAL GAS COMPANY

Form 7-354 (Rev. 11-77)

Sheet of

Date: 9/4/85

By: jl

CPS 1782 W

ALLISON UNIT 52

SV 28-32-6

Drilled To 200' Hole was
Dry Next A.M. Hit moisture
AT 250' & 360'. Drilled To
600', Logged 592'. INSTALLED
592' of 1" P.V.C. vent Pipe
Perforated To 232'.

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

300 - .5	460 - .6	
.4	.7 - ③	
10 - .5	20 - .7 - ③	
.6	.7 - ③	
20 - .4	80 - .7	
.7	.8 - ②	
30 - .5	90 - .7	
.7	.6	
40 - .6	500 - .5	
.5	.6	
50 - .4	10 - .8	
.4	.8	
60 - .4	20 - .8 - ①	
.4	.8	
70 - .4	30 - .8 - ⑤	
.5	.7	
80 - .6	40 - .8 - ④	
.7	.7	
90 - .8	50 - .8 - ③	
.7	.9	
400 - .8	60 - .9 - ②	
.6	.9	
10 - .5	70 - .9 - ①	
.5	.9 -	
20 - .2	80 - .8	
.4	.8	
30 - .6	90 - .	
.6	592 T.D	
40 - .6	600 -	
.7		
50 - .8 - ⑩		
.7		

12.2 V. 15.2 A. = .8 Ω

1-570-.9-2.8
2-560-.9-3.0
3-550-.9-3.0
4-540-.8-3.0
5-530-.8-3.4
6-520-.8-3.0
7-485-.7-2.1
8-475-.7-2.3
9-465-.7-2.1
10-450-.8-2.2