

1139 #119 30-045-27130
30-045-21356

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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. 29 Twp 32 Rng 6

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #119, NP #41

cps 1774w

Elevation 6373' Completion Date 9/5/85 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. 100' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 4275 lbs.

Depths anodes placed: 355', 345', 335', 325', 310', 300', 290', 275', 265', 255'

Depths vent pipes placed: 378'

Vent pipe perforations: 300'

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

Drilling Log (Attach Hereto). ☐Completion Date 9/5/85

CPS #		Well Name, Line or Plant: <u>X119</u>		Work Order #		Static		Ins. Union Check	
1774 W		ALLISON UNIT NO. 41				600 H = .76V		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
SW 29-32-6		2" X 60"		DURION		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs Goke Used		Lost Circulation Mat'l Used	
380'		378'				4725			
Anode Depth									
# 1	355	# 2	345	# 3	335	# 4	325	# 5	310
Anode Output (Amps)									
# 1	2.7	# 2	3.1	# 3	3.0	# 4	2.9	# 5	3.0
Anode Depth									
# 11		# 12		# 13		# 14		# 15	
Anode Output (Amps)									
# 11		# 12		# 13		# 14		# 15	
Total Circuit Resistance						No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.9		Amps 15.6		Ohms .76					

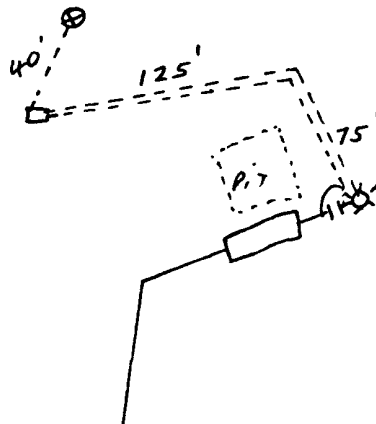
Remarks: Drilled To 100', HAD APPROX. 10-15' OF WATER STANDING IN
HOLE NEXT A.M. TOOK WATER SAMPLE. DRILLED TO 380' LOGGED 378'.
INSTALLED 328' OF 1" P.V.C. VENT PIPE, PERFORATED TO 78'.

Rectifier Size: 40 V 16 A
 Addn'l Depth: —
 Depth Credit: 122
 Extra Cable: 230'
 Ditch & 1 Cable: 240'
 25' Meter Pole: —
 20' Meter Pole: 1
 10' Stub Pole: —

All Construction Completed

GROUND BED LAYOUT SKETCH

JE Stotts
(Signature)



Time	Avg.	O.T.
9/5/85	10	0

6373

DAILY DRILLING REPORT

[illegible]

Company Supervisor

CPS 1774 W

ALLISON UNIT #41

SW 29-32-6

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	iC ₄ 12.38
58.12	nC ₄ 11.93
72.15	iC ₅ 13.85
72.15	nC ₅ 13.71
86.18	iC ₆ 15.50
86.18	C ₆ 15.57
100.21	iC ₇ 17.2
100.21	C ₇ 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 9.67

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

100-	260-	.7	Drilled To 100'. HAD Approx
		.8-②	10-15' of WATER Standing
10-	70-	.7	in Hole next A.M. Took
		.9-②	WATER SAMPLE. Drilled
20-	80-	.8-	To 38', Logged 378'
		.8	INSTALLED 378' of 1" P.V.C.
30-	90-	.9-①	VENT Pipe Perforated
		.8	To 78'.
40-	300-	.8-⑥	
		.7	
50-	10-	.8-⑤	
		.7	
60-	20-	.8	
		.8-④	
70-	30-	.8	
		.8-③	
80-	40-	.9	11.9 V. 15.6 A. = .76 Ω
		1.1-②	
90-	50-	1.2	
		1.2-①	
200-	60-	1.2	1-355-1.2-2.7
		1.3	2-345-1.1-3.1
10-	70-	1.2	3-335-1.0-3.0
			4-325-1.0-2.9
20-	80-	378 T.D.	5-318-1.0-3.0
			6-300-.8-3.1
30-	90-		7-290-.9-3.1
			8-275-1.1-2.9
40-	400-		9-265-.9-2.8
			10-255-.9-3.0
50-			
		8-⑩	

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSES

ANALYSIS NO.: 1-11767 DATE: OCTOBER 11, 1985
OPERATOR: MERIDIAN OIL WELL NAME: ALLISON UNIT #41 CPS 1774W
LOCATION: SW 29-32-6 COUNTY SJ STATE: NM
FIELD: IGNACIO FORMATION:
SAMPLED FROM: 100 FEET
DATE SAMPLED: SEPTEMBER 5, 1985 SECURED BY:
TUBING PRESSURE: CASING PRESSURE:
SURFACE CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	50	3.5	70		
P ALKALINITY	50	0	0		
BICARBONATE	50	3.5	70	85	1.40
CARBONATE	50	0	0	0	0.00
CHLORIDE	50	5.3		106	2.99
SULFATE				620	12.90
TOTAL HARDNESS	50	5.9	118		
CALCIUM	50	5.9	118	47	2.36
MAGNESIUM	50	0	0	0	0.00
IRON				ND	
SODIUM (CALCULATED)				343	14.93
H ₂ S				ND	
HYDROCARBONS				ND	
TOTAL DISSOLVED SOLIDS				1076	
pH				7.27	
SPECIFIC GRAVITY			1.0005 AT 60F		
RESISTIVITY			625 OHM-CM AT		
CONDUCTIVITY			1600 MICROMHOS @ 25C.		

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

CC: R. A. ULLRICH
J. D. EVANS
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W. F. LORETT
J. L. WILLIAMS
G. C. KARDOS
FILE

SANDRA ARAGON

CHEMIST GCK

