

1107

30-039-21727

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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. 5 Twp 26 Rng 5

Name of Well/Wells or Pipeline Serviced JICARILLA 152 W #4

cps 1807w

Elevation 6552' Completion Date 10/23/85 Total Depth 300' 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. 80' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3675 lbs.

Depths anodes placed: 265', 255', 245', 235', 225', 215', 200', 190', 160', 150'

Depths vent pipes placed: 294'

Vent pipe perforations: 220'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIR.
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 10/23/85

CPS # <u>1807W</u> <u>1733 W</u>		Well Name, Line or Plant: <u>JICARILLA 152W #4</u>		Work Order # <u>46093</u>		Static: <u>.70V. 5</u>		Ins Union Check ☒ Good ☐ Bad	
Location: <u>SW 5-26-5</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>Durion</u>		Size Bit: <u>6 3/4"</u>			
Depth Drilled: <u>300'</u>		Depth Logged: <u>294'</u>		Drilling Rig Time		Total Lbs. Coke Used: <u>3675</u>		Lost Circulation Mat'l Used	
Anode Depth		# 1 <u>265</u>		# 2 <u>255</u>		# 3 <u>245</u>		# 4 <u>235</u>	
Anode Output (Amps)		# 1 <u>4.7</u>		# 2 <u>4.7</u>		# 3 <u>4.6</u>		# 4 <u>4.2</u>	
Anode Depth		# 11		# 12		# 13		# 14	
Anode Output (Amps)		# 11		# 12		# 13		# 14	
Total Circuit Resistance		Volts <u>11.7</u>		Amps <u>22.9</u>		Ohms <u>.51</u>		No. 8 C.P. Cable Used	
								No. 2 C.P. Cable Used	

Remarks: Drilled To 150', Driller said WATER AT 80', WATER STANDING IN
HOLE NEXT A.M. AT 80'. Drilled To 300', Logged 294'. INSTALLED
294' of 1" P.V.C. VENT PIPE PERFORATED TO 74'.

Rectifier Size: 40 V 16 A - *900.00
 Addn'l Depth:
 Depth Credit: 206' x 3.00 = 618.00
 Extra Cable: 140' x .37 = 51.80
 Ditch & 1 Cable: 185' x 1.35 = 249.75
 20' Meter Pole:
 25' Meter Pole:
 10' Stub Pole: 1 - 400.00

All Construction Completed

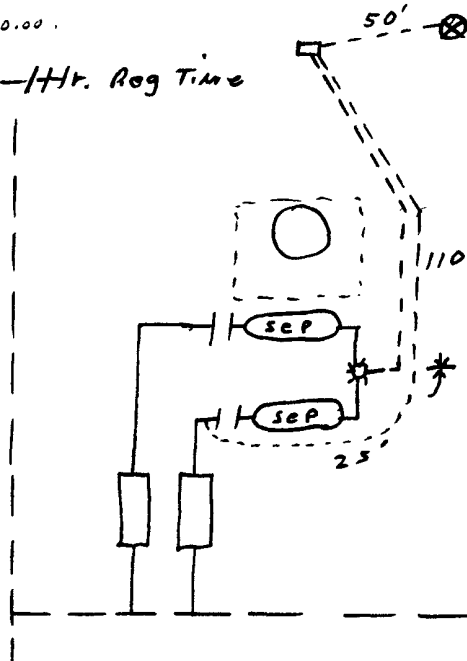
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Time	Req
10/23/85	8 4
10/22/85	8

SET 20' of 8" PLASTIC CASING - H.R. Reg Time

4740.00
 - 618.00
 51.80
 249.75
 900.00
 400.00
 300.00
 150.00 - set casing
6173.55

GROUND BED LAYOUT SKETCH



552

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

1807

ANALYSIS NO.: 1-11801
OPERATOR: MERIDIAN OIL
LOCATION: SW 5-26-5
FIELD: GOVERNADOR
SAMPLED FROM: GROUND BED @ 80'
DATE SAMPLED: OCTOBER 23, 1985
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: NOVEMBER 22, 1985
WELL NAME: JICARILLA #4 CPS #152W
COUNTY RIO ARriba STATE: NM
FORMATION: SURFACE

SECURED BY: JESSE EVANS
CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	50	30.4	608		
P ALKALINITY	50	1.5	30		
BICARBONATE	50	27.4	548	669	10.96
CARBONATE	50	3	60	36	1.20
CHLORIDE	50	1.4		28	0.79
SULFATE				639	13.29
TOTAL HARDNESS	50	1	20		
CALCIUM	50	1	20	8	0.40
MAGNESIUM	50	0	0	0	0.00
IRON				ABSENT	
SODIUM (CALCULATED)				594	25.84
H2S				ABSENT	
HYDROCARBONS				ABSENT	
TOTAL DISSOLVED SOLIDS				1610	
pH				8.9	
SPECIFIC GRAVITY			NT AT 60F		
RESISTIVITY			400 OHM-CM AT		
CONDUCTIVITY			2500 MICROMHOS @ 25C.		

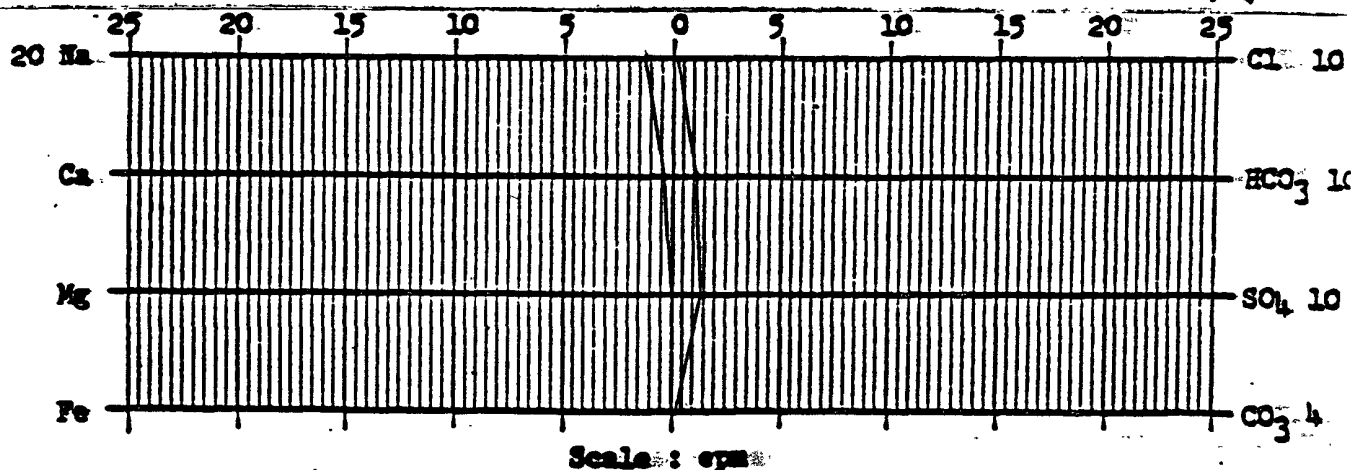
ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

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

SANDRA ARAGON

CHEMIST

GCK



MI TASSO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

1807
CPS #: 1733V WELL NAME: JICARILLA 152W #4 LOCATION: SWS-26-5 DATE: 10/23/85

TOTAL VOLTS: 11.7 TOTAL AMPS: 22.9 OHMS RESISTANCE: .51

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
ANODE	ANODE	NO.	ANODE	ANODE	NO.	ANODE	ANODE	NO.	ANODE	ANODE	NO.			COKE	COKE
5			185	1.6		365			545			1	265	2.9	4.7
10			190	1.8 - (8)		370			550			2	255	2.5	4.7
15			195	2.0		375			555			3	245	2.4	4.6
20			200	1.8 - (7)		380			560			4	235	2.2	4.2
25			205	1.5		385			565			5	225	2.4	4.2
30			210	2.1		390			570			6	215	2.4	4.2
35			215	2.3 - (6)		395			575			7	200	2.5	4.4
40			220	2.1		400			580			8	190	2.7	5.0
45			225	2.2 - (5)		405			585			9	160	2.7	5.0
50			230	2.3		410			590			10	150	2.5	4.3
55			235	2.2 - (4)		415			595						
60			240	2.4		420			600						
65			245	2.4 - (3)		425			605						
70			250	2.4		430			610						
75			255	2.5 - (2)		435			615						
80			260	2.5		440			620						
85			265	2.8 - (1)		445			625						
90			270	2.1		450			630						
95			275	2.0		455			635						
100	.4		280	1.7		460			640						
105	1.0		285	1.5		465			645						
110	1.3		290	2.4 7.0		470			650						
115	1.8		295			475			655						
120	1.9 -		300			480			660						
125	1.7		305			485			665						
130	1.4		310			490			670						
135	1.5		315			495			675						
140	1.6		320			500			680						
145	1.4		325			505			685						
150	1.8 - (10)		330			510			690						
155	2.2 -		335			515			695						
160	1.9 - (9)		340			520			700						
165	1.5		345			525			705						
170	1.9		350			530			710						
175	1.5		355			535			715						
180	1.3		360			540			720						

REMARKS: Drilled To 180", Driller said WATER AT 80", WATER
STANDING IN HOLE NEXT A.M. AT 80"; Drilled To 300", Logged 294".
INSTALLED 294" of 1" P.V.C. VENT PIPE PERFORATED TO 74".

1807
CPS-1233-u

DAILY DRILLING REPORT

Company Supervisor