

1109

152W#4A 30-039-21726
152W#6 30-039-22272

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)Operator MERIDIAN OIL INC. Location: Unit NW Sec. 5 Twp 26 Rng 5Name of Well/Wells or Pipeline Serviced JICARILLA 152 W #4A, #6
cps 1805wElevation 6555' Completion Date 10/23/85 Total Depth 300' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 40' & 100' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 2500 lbs.Depths anodes placed: 275', 265', 255', 245', 235', 225', 215', 205', 180', 165'Depths vent pipes placed: N/AVent pipe perforations: 260'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 10-23-85

46094.

CPS # 1805 Well Name, Line or Plant: Jicarilla 152 #4A #26 Work Order # 46106 Static .72 Ins. Union Check ☒ Good ☐ Bad

Location NW5-26-5 Anode Size: 2" x 60" Anode Type Duriron Size Bit: 6 3/4"

Depth Drilled 300' Depth Logged 300' Drilling Rig Time 2500 Lost Circulation Mat'l Used No. Sacks Mud Used

Anode Depth														
# 1 <u>275</u>	# 2 <u>265</u>	# 3 <u>255</u>	# 4 <u>245</u>	# 5 <u>235</u>	# 6 <u>225</u>	# 7 <u>215</u>	# 8 <u>205</u>	# 9 <u>180</u>	# 10 <u>165</u>					
Anode Output (Amps)														
# 1 <u>4.6</u>	# 2 <u>3.7</u>	# 3 <u>4.0</u>	# 4 <u>4.9</u>	# 5 <u>4.7</u>	# 6 <u>4.9</u>	# 7 <u>4.7</u>	# 8 <u>5.0</u>	# 9 <u>5.1</u>	# 10 <u>4.5</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>12.6</u> Amps <u>19.5</u> Ohms <u>.64</u>														

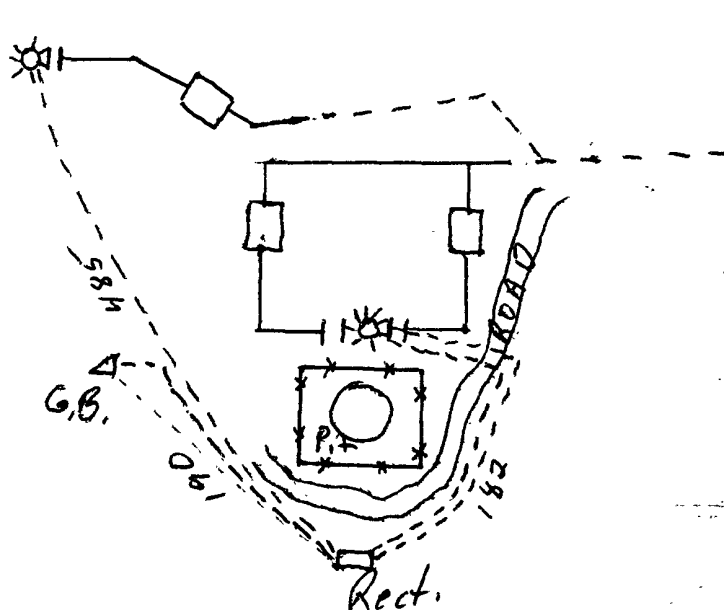
Remarks: Driller said he hit water at 40' and 100', drilled with air and foam mixture. Vent pipe is perforated up to 260'

Rectifier Size: 60 V 30 A - \$1150.00
 Addn'l Depth:
 Depth Credit: 200 x 3.00 = \$600.00
 Extra Cable: 412 x .37 = \$152.44
 Ditch & 1 Cable: 667 x 1.35 = \$900.45
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: ONE - \$400.00

All Construction Completed

Randy Linnell
(Signature)

GROUND BED LAYOUT SKETCH



Reg	O.T
10-23-85	8 4

6555

4740.00
 - 600.00
 152.44
 900.45
 1150.00
 400.00
 300.00
 \$7042.89

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

ANALYSIS NO.: 1-11816
OPERATOR: MERIDIAN OIL
LOCATION: 5-26-5
FIELD: OJITTO
SAMPLED FROM:
DATE SAMPLED: 10/25/85
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: DECEMBER 3, 1985
WELL NAME: JICARILLA 152 #4A, #6 *CPS-180-174*
COUNTY RIO ARriba STATE: NEW MEXICO
FORMATION: SURFACE

SECURED BY: BILL TATUM
CASING PRESSURE:

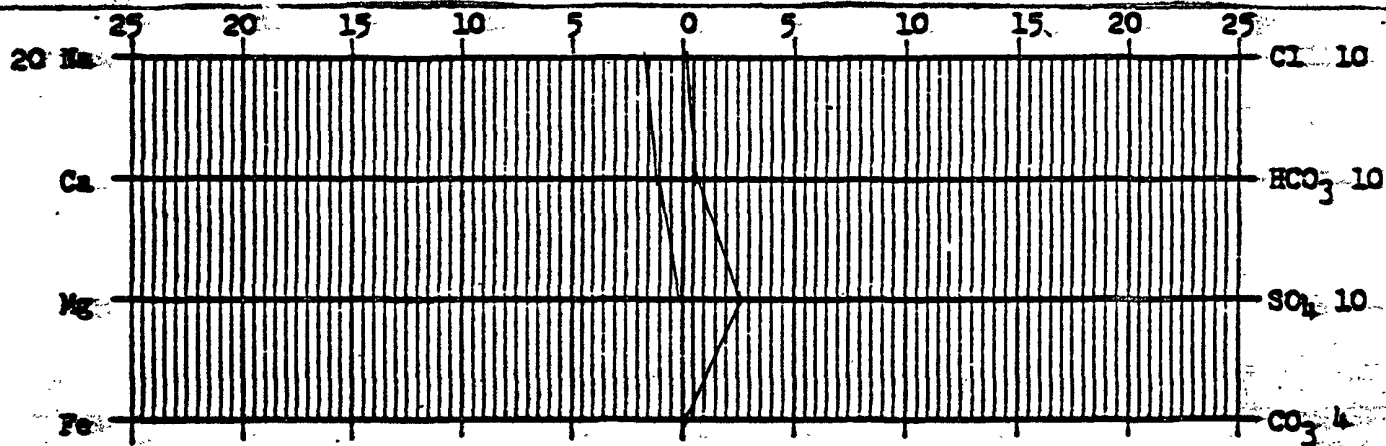
	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	25	7.2	288		
P ALKALINITY	25	.4	16		
BICARBONATE	25	6.4	256	312	5.12
CARBONATE	25	.8	32	19	0.64
CHLORIDE	25	.7		28	0.79
SULFATE				1304	27.12
TOTAL HARDNESS	25	1.4	56		
CALCIUM	25	1.4	56	22	1.12
MAGNESIUM	25	0	0	0	0.00
IRON					
SODIUM (CALCULATED)				749	32.55
H ₂ S					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				2068	
pH				8.7	
SPECIFIC GRAVITY			1.0013 AT 60F		
RESISTIVITY			333 OHM-CM AT 73		
CONDUCTIVITY			3000 MICROMHOS @ 25C.		

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

CC: R. A. UELRICH
J. D. EVANS
D. C. ADAMS
E. R. PAULEK
W. B. SHROPSHIRE
FILE

DENNIS BIRD

CHEMIST *GCK*



Scale: ppm

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1745W WELL NAME: Jicarilla 152 #4A3 #6 LOCATION: NW 5-26-5 DATE: 10-23-85

TOTAL VOLTS: 12.4 TOTAL AMPS: 19.5 OHMS RESISTANCE: .64

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO COKE	WITH COKE
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.				
5			185	2.5		365			545			1	275	2.9	4.6
10			190	2.1		370			550			2	265	2.5	3.7
15			195	2.5		375			555			3	255	2.8	4.0
20			200	3.2		380			560			4	245	2.7	4.9
25			205	3.1	8	385			565			5	235	2.7	4.7
30			210	2.3		390			570			6	225	2.8	4.9
35			215	2.8	7	395			575			7	215	2.8	4.7
40			220	3.1		400			580			8	205	2.9	5.0
45			225	2.6	4	405			585			9	180	3.0	5.1
50			230	2.5		410			590			10	165	2.9	4.5
55			235	2.8	5	415			595						
60			240	2.8		420			600						
65			245	2.7	4	425			605						
70			250	2.8		430			610						
75			255	2.4	3	435			615						
80			260	2.6		440			620						
85			265	2.5	2	445			625						
90			270	2.5		450			630						
95			275	3.0	1	455			635						
100	.6		280	2.7		460			640						
105	.6		285	2.0		465			645						
110	1.0		290	1.8		470			650						
115	2.7		295	1.7		475			655						
120	3.0		300	TD	300	480			660						
125	3.1		305			485			665						
130	3.0		310			490			670						
135	3.3		315			495			675						
140	2.1		320			500			680						
145	2.5		325			505			685						
150	2.2		330			510			690						
155	2.3		335			515			695						
160	3.3		340			520			700						
165	3.1	10	345			525			705						
170	2.2		350			530			710						
175	2.6		355			535			715						
180	3.3	9	360			540			720						

REMARKS: Driller said water at 40 & 100 ft, drilled with air and foam mixture. Vent pipe perforated up to 260'

LEASE	CONTRACTOR	RIG NO	REPORT NO	DATE
Lease # 1524416	Lease # 1524416	17-1	13	10-23-19
MORNING	DAYLIGHT	EVENING		
4/1				

Company Supervisor