

1114

30-039-20363

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. 27 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #128
cps 1801w

Elevation 6511' Completion Date 10/30/85 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. 65' & 140' SAMPLE TAKEN

Depths gas encountered: N/A

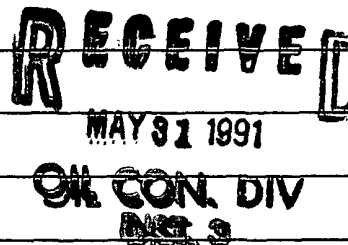
Type & amount of coke breeze used: N/A

Depths anodes placed: 280', 270', 260', 250', 225', 155', 135', 110', 100'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

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 10-30-85

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1801W	SW 27-5 #128	54806	.77	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
SW 27-27-5	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300	300			
Anode Depth				
# 1 280	# 2 270	# 3 260	# 4 250	# 5 225
# 6 255	# 7 145	# 8 135	# 9 110	# 10 100
Anode Output (Amps)				
# 1 3.2	# 2 3.6	# 3 3.9	# 4 3.2	# 5 2.7
# 6 2.8	# 7 3.3	# 8 3.9	# 9 3.9	# 10 4.9
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				
Volts 12.2	Amps 16.3	Ohms .74	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: Water at 65' and 140'. Vent perforated up to 40'. Drilled with air and foam mixture

Rectifier Size: 40 V 16 A - 900.00
 Addn'l Depth _____
 Depth Credit: 200' x 3.00 = 600.00
 Extra Cable: 113 x .37 = 41.81
 Ditch & 1 Cable: 347' x 1.35 = 468.45
 25' Meter Pole: one - 550.00
 20' Meter Pole: _____
 10' Stub Pole: _____

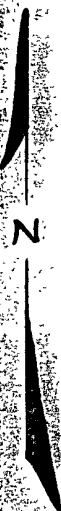
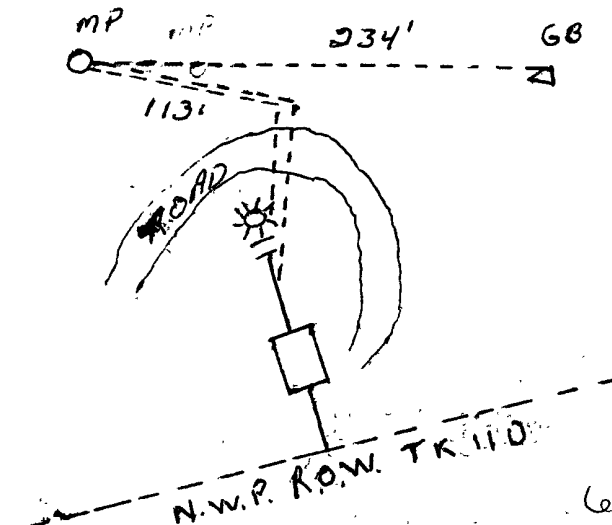
All Construction Completed

Pandy Smith
 (Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 600.00
 41.81
 468.45
 900.00
 550.00
 300.00
 \$6400.26

Reg	OT
10-30-85	8



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

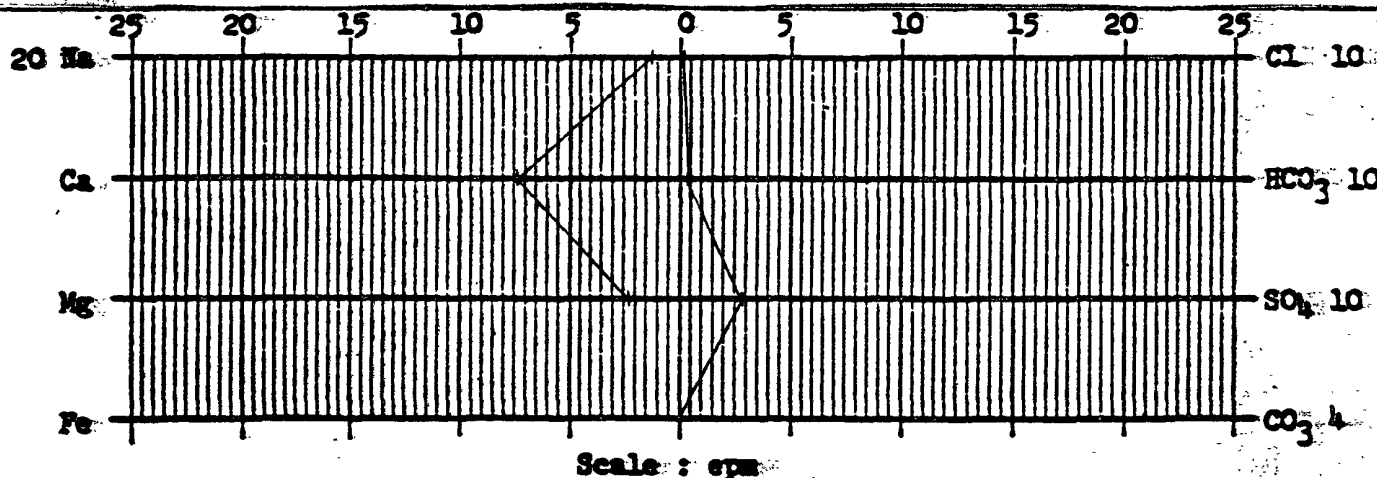
ANALYSIS NO.: I-11806 DATE: NOVEMBER 22, 1985
OPERATOR: MERIDIAN OIL WELL NAME: SAN JUAN 27-5 #128 CPS. 18.01-W
LOCATION: SW 27-27-5 COUNTY RIO ARriba STATE: NM
FIELD: LINDRITH FORMATION:
SAMPLED FROM: GROUND BED AT 65 FEET
DATE SAMPLED: OCTOBER 30, 1985 SECURED BY: RANDY SMITH
TUBING PRESSURE: CASING PRESSURE:
SURFACE CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	50	12.6	252		
P ALKALINITY	50	0	0		
BICARBONATE	50	12.6	252	307	5.04
CARBONATE	50	0	0	0	0.00
CHLORIDE	50	.8		16	0.45
SULFATE				1420	29.54
TOTAL HARDNESS	50	24.2	484		
CALCIUM	50	18.6	372	149	7.44
MAGNESIUM	50	5.6	112	27	2.26
IRON					
SODIUM (CALCULATED)				583	25.33
H2S					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				2320	
pH				7.64	
SPECIFIC GRAVITY			1.016 AT 60F		
RESISTIVITY			333 OHM-CM AT		
CONDUCTIVITY			3000 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. E. LORETT
J. L. WILLIAMS
B. C. KARDOS

Dennis P. Bird
CHEMIST GCK



DAILY DRILLING REPORT

SIGNED: Todd P.usher

Company Supervisor

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 180/W WELL NAME: 55-27-5 #128 LOCATION: 2027-27-5 DATE: 10-30-85

TOTAL VOLTS: 12.2 TOTAL AMPS: 16.3 OHMS RESISTANCE: .74

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.2		365			545			1	280	2.0	3.2
10			190	1.1		370			550			2	270	2.8	3.6
15			195	1.1		375			555			3	260	2.6	3.9
20			200	1.0		380			560			4	250	2.2	3.2
25			205	1.1		385			565			5	225	1.7	2.8
30			210	1.0		390			570			6	155	1.9	2.8
35			215	1.2		395			575			7	145	2.1	3.3
40			220	1.5		400			580			8	135	2.5	3.9
45			225	1.7		405			585			9	110	2.3	3.9
50			230	1.5		410			590			10	100	3.0	4.9
55			235	1.2		415			595						
60			240	1.2		420			600						
65			245	2.0		425			605						
70			250	2.2	4	430			610						
75			255	2.0		435			615						
80			260	2.6	3	440			620						
85	3.2		265	2.0		445			625						
90	3.3		270	2.1	2	450			630						
95	3.1		275	2.7		455			635						
100	3.0	10	280	2.1	1	460			640						
105	2.5		285	1.6		465			645						
110	1.8	9 10	290	1.4		470			650						
115	1.3		295	1.4		475			655						
120	.9		300	TD 300		480			660						
125	.7		305			485			665						
130	.7		310			490			670						
135	2.3	8 9	315			495			675						
140	2.6		320			500			680						
145	1.8	7 8	325			505			685						
150	2.0		330			510			690						
155	2.0	6 7	335			515			695						
160	1.1		340			520			700						
165	.7		345			525			705						
170	.6		350			530			710						
175	.6		355			535			715						
180	.6		360			540			720						

REMARKS: Water @ 65' Vent pipe perforated up to 40'

Aug 1802W