

1115

#19 30-039-06961E

#58 30-039-06958

#139 30-039-20464

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. 20 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #19, #58, #139
cps 1746wElevation 6599' Completion Date 10/30/84 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' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 3600 lbs.Depths anodes placed: 260', 250', 240', 185', 175', 165', 140', 130', 120', 70'Depths vent pipes placed: 297'Vent pipe perforations: 260'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: 10/30/84

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1746-W	S.J. 27-5 # 19	53201-19-50-20	.74 W	☒ Good ☐ Bad
	S.J. 27-5 # 58	54073-19-50-20	.67 W	
	S.J. 27-5 # 139	54975-19-50-20	.69 W	
Location:	Anode Size:	Anode Type:	Size Bit:	
SW 20-27-5	2" X 60"	DURATION	6 3/4"	
Depth Drilled:	Depth Logged:	Drilling Rig Time:	Total Lbs. Coke Used:	Lost Circulation Mat'l Used:
300'	297'		56445.0 3600 LB.	
Anode Depth:				
# 1 260'	# 2 250'	# 3 240'	# 4 185'	# 5 175'
# 6 165'	# 7 140'	# 8 130'	# 9 120'	# 10 70'
Anode Output (Amps):				
# 1 3.7	# 2 5.1	# 3 4.4	# 4 4.0	# 5 3.6
# 6 3.9	# 7 3.3	# 8 3.9	# 9 4.0	# 10 4.2
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 12.0	Amps 20.9	Ohms .57		

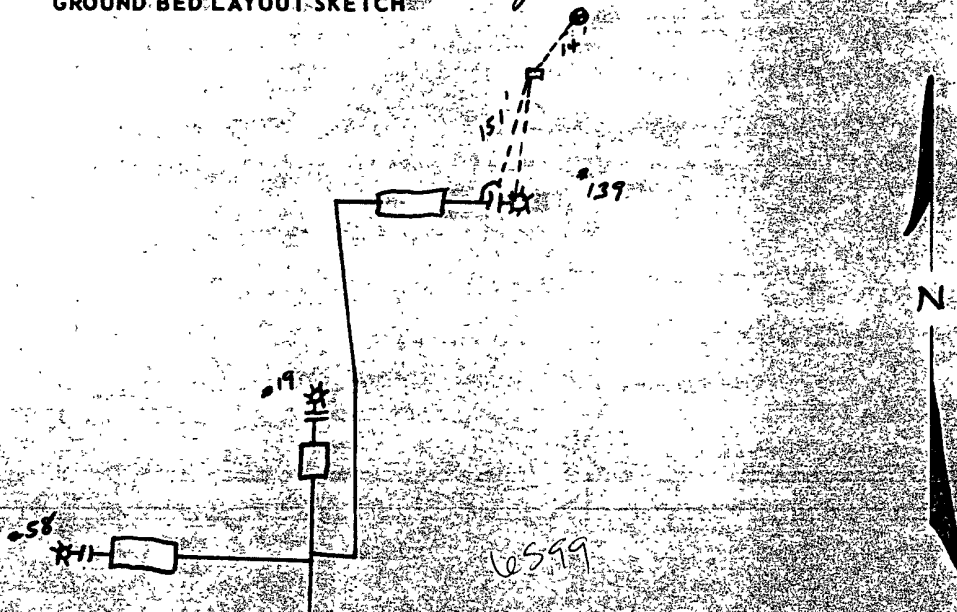
Remarks: Driller said water at 40'. Approx. 594/min. Drilled to 60', was stuck in hole. Next A.M. Drill pipe came out of hole. Water was standing in hole at 20'. Drilled to 300'. Logged 297'. Installed 297' of 1" PVC vent pipe, perforated 260'.

Rectifier Size: 60 V 30 A ✓
 Addnl Depth: _____ ✓
 Depth Credit: 203' ✓
 Extra Cable: 171' ✓
 Ditch & 1 Cable: 165' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: -
 10' Stub Pole: -

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg.	O.T.
53201	3	4
54073	3	4
54975	2	4

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
REGULATORY DEPARTMENT - WATER ANALYSIS

ANALYSIS NO.: 1-11503
OPERATOR: EL PASO NATURAL GAS
LOCATION: 26-27-2
FIELD: BLANCO
SAMPLED FROM: 40 FEET
DATE SAMPLED: OCTOBER 30, 1984
TUBING PRESSURE:
SURFACE/CASING PRESSURE:

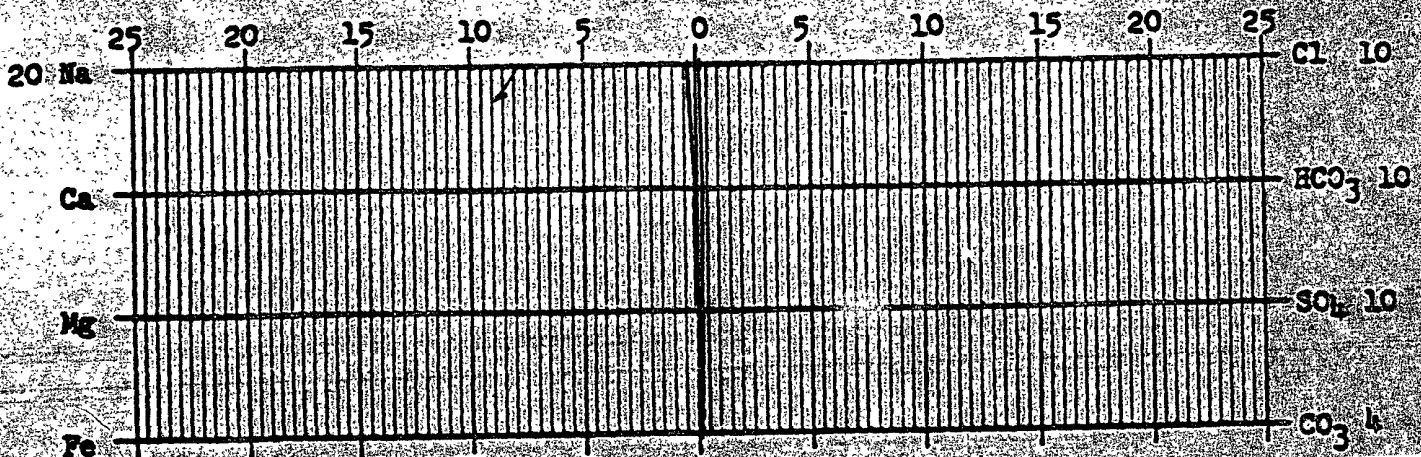
DATE: DECEMBER 3, 1984
WELL NAME: SAN JUAN 27-5 #113 GRS
COUNTY: RIO ARRIEN STATE: NEW MEXICO
FORMATION:
SECURED BY: JOE STOTTS
CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epn
TOTAL ALKALINITY	25	4.9	196		
P ALKALINITY	25	.2	3		
BICARBONATE	25	4.5	180	220	3
CARBONATE	25	.4	16	10	0
CHLORIDE	25	1.4		56	1
SULFATE				102	2
TOTAL HARDNESS	50	0	0		
CALCIUM	50	0	0	0	0
MAGNESIUM	50	0	0	0	0
IRON					
IODINE (CALCULATED)				175	7
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				632	
pH				8.5	
SPECIFIC GRAVITY			AT 60F		
RESISTIVITY			CM-CM AT		
CONDUCTIVITY			MICROMHOS T 25C.		

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

B. A. LILLRICH
D. C. ADAMS
E. R. PAULEY
W. B. SHROPSHIRE
FILE

Lenny Bird
CHEMIS 6CK



CONSTRUCTION LOGGING READINGS

S.J. - 27-5 #19
S.J. - 27-5 #58
CPS #: 1746 W WELL NAME: S.J. - 27-5 #139

LOCATION: SW 20-27-5 DATE: 10/30/84

TOTAL VOLTS: 12.0 TOTAL AMPS: 20.9

OHMS RESISTANCE: .57

												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	1.8	4	365			545			1	260'	2.8	3.7
10			190	1.4		370			550			2	250'	3.4	5.1
15			195	.7		375			555			3	240'	2.8	4.4
20			200	.6		380			560			4	185'	2.4	4.0
25			205	.5		385			565			5	175'	2.2	3.6
30			210	.4		390			570			6	165'	2.7	3.9
35			215	.4		395			575			7	140'	2.9	3.3
40			220	.6		400			580			8	130'	2.5	3.9
45			225	.6		405			585			9	120'	2.6	4.0
50	1.7		230	.6		410			590			10	70'	2.9	4.2
55	1.7		235	.8		415			595						
60	1.4		240	1.9	3	420			600						
65	1.7		245	2.2		425			605						
70	2.0	10	250	2.3	2	430			610						
75	1.5		255	2.1		435			615						
80	1.3		260	1.8	1	440			620						
85	1.2		265	1.5		445			625						
90	1.0		270	1.4		450			630						
95	1.0		275	1.5		455			635						
100	1.1		280	1.9		460			640						
105	1.3		285	1.9		465			645						
110	1.4		290	1.5		470			650						
115	1.3		295	2.97	T.P.	475			655						
120	1.9	9	300			480			660						
125	1.9		305			485			665						
130	1.6	8	310			490			670						
135	1.3		315			495			675						
140	1.7	1	320			500			680						
145	1.5		325			505			685						
150	1.2		330			510			690						
155	1.4		335			515			695						
160	1.7		340			520			700						
165	1.9	6	345			525			705						
170	1.7		350			530			710						
175	1.7	5	355			535			715						
180	1.7		360			540			720						

REMARKS: Driller said water at 40', approx. 5gal/min. Drilled 60', was stuck in the hole. Next A.M. drill pipe came out of the hole. Water was standing in hole at 20', drilled to 300' logged 297'. Installed 297' of 1" P.V.C. vent pipe, Perforated 260'.

C.P.S. # 1746 W

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Brian E. Buege

____ Company Supervisor