

1127

#28 30-039-06859^E

#127 30-039-20378

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. 25 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #28, #127
cps 1754wElevation 6665' Completion Date 10/9/85 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. 60' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 3800 lbs.Depths anodes placed: 260', 250', 240', 210', 190', 125', 116', 107', 98', 89'Depths vent pipes placed: 292'Vent pipe perforations: 240'Remarks: gb #1**RECEIVED**

MAY 31 1991

OIL CON. 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 10/9/85

CPS #		Well Name, Line or Plant		Work Order #		Static		Ins Union Check	
1754 W		S.J. 27-5 #28 S.J. 27-5 #127		5369 54875		.75 V N .76 V W		☒ Good ☐ Bad	
Location SW 25-27-5		Anode Size 2" X 60"		Anode Type DURION		Size Bit 6 3/4"			
Depth Drilled 300'		Depth Logged 292'		Drilling Rig Time		Total Lbs Coke Used 3800		Lost Circulation Mat'l Used	
Anode Depth									
# 1 260	# 2 250	# 3 240	# 4 210	# 5 190	# 6 125	# 7 116	# 8 107	# 9 98	# 10 89
Anode Output (Amps)									
# 1 4.1	# 2 4.1	# 3 5.0	# 4 3.2	# 5 2.4	# 6 4.4	# 7 3.2	# 8 4.3	# 9 3.0	# 10 4.1
Anode Depth									
# 11 80	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Anode Output (Amps)									
# 11 3.2	# 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 11.3		Amps 22.2		Ohms .5					

Remarks: Driller said water at 60'. Drilled To 300', Logged 292'. Installed 292' of 1" P.V.C. vent pipe, Perforated To 52'. Covered 4 Anodes with coke breeze, and hole started filling with sand, Above #5 Anode. Hole was bridged at 130'. #5 Anode did NOT get coke breeze around it, so we installed #11 Anode, To have 10 Anodes covered with coke breeze in hole.

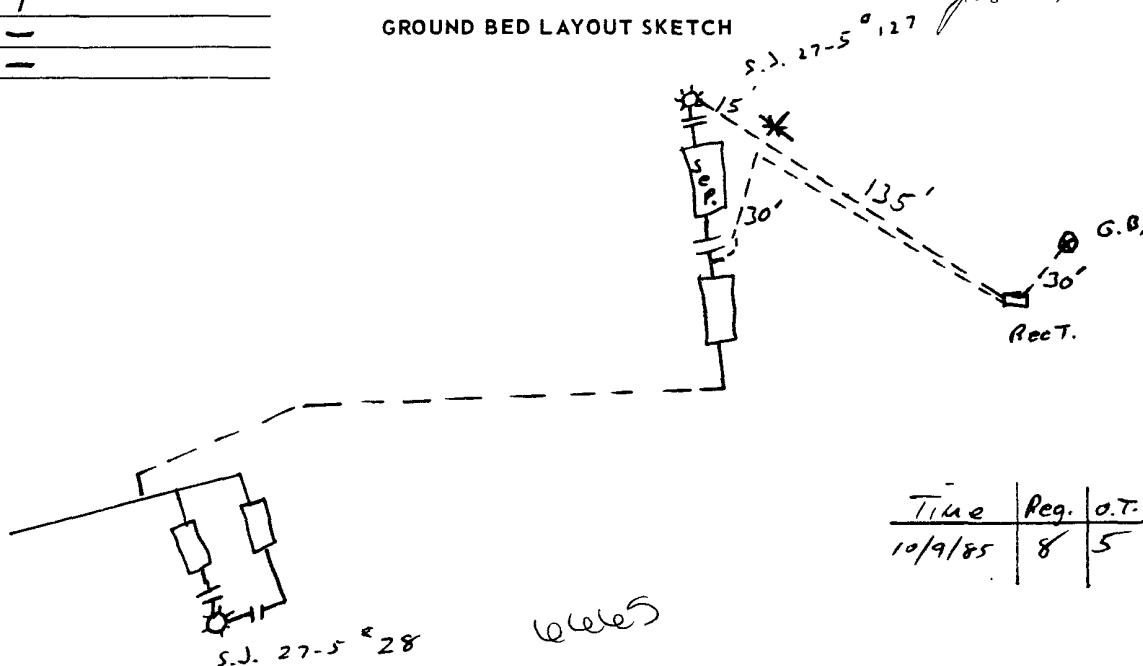
Rectifier Size: 60 V 30 A
 Addn'l Depth:
 Depth Credit: 208' x 3.00 = 624.00
 Extra Cable: 165 x 0.37 = 61.05
 Ditch & 1 Cable: 210' x 1.35 = 283.50
 25' Meter Pole: 1
 20' Meter Pole:
 10' Stub Pole:

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 624.00
 61.05
 283.50
 1150.00
 550.00
 300.00
 \$6460.55



Time	Req.	O.T.
10/9/85	8	5

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

ANALYSIS NO.: 1-11808 DATE: NOVEMBER 22, 1985
OPERATOR: MERIDIAN OIL WELL NAME: SAN JUAN 27-5 #127 CP9 1754
LOCATION: L 25-27-5 COUNTY RIO ARriba STATE: NM
FIELD: GOBERNADOR FORMATION: SURFACE
SAMPLED FROM: GROUND BED AT 60 FEET
DATE SAMPLED: OCTOBER 9, 1985 SECURED BY: JOE STOTTS
TUBING PRESSURE: CASING PRESSURE:
SURFACE CASING PRESSURE:

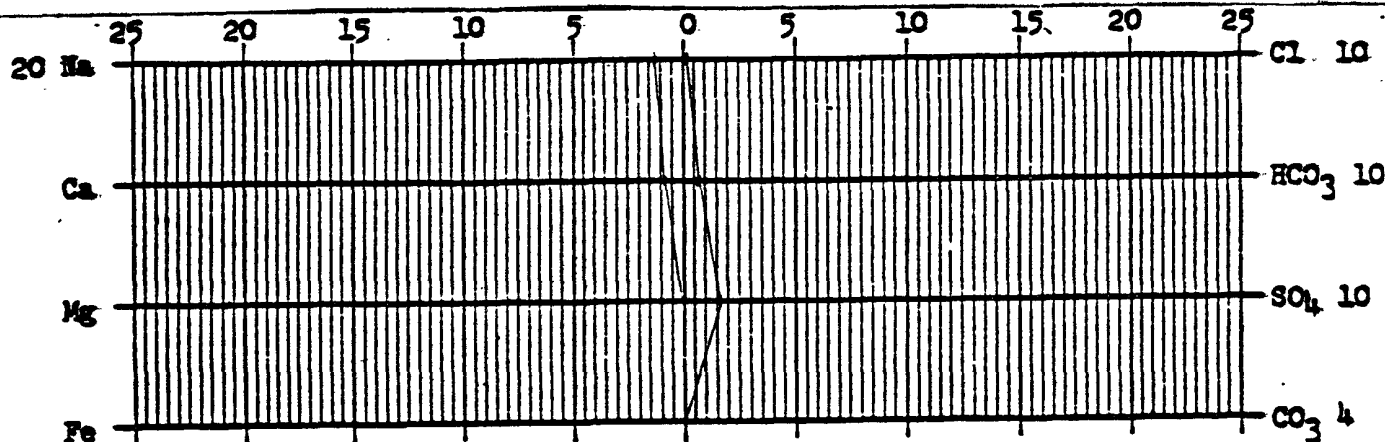
	SAMPLE SIZE	ml. TIT	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	50	21.5	430		
P ALKALINITY	50	0	0		
BICARBONATE	50	21.5	430	525	8.60
CARBONATE	50	0	0	0	0.00
CHLORIDE	50	1.2		24	0.68
SULFATE				769	16.00
TOTAL HARDNESS	50	2.3	46		
CALCIUM	50	2.3	46	18	0.92
MAGNESIUM	50	0	0	0	0.00
IRON					
SODIUM (CALCULATED)				560	24.36
H2S					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				1582	
pH				8.07	
SPECIFIC GRAVITY			1.0061 AT 60F		
RESISTIVITY			417 OHM-CM AT 71		
CONDUCTIVITY			2400 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

DENNIS BIRD

CHEMIST *GCK*



Scale : ppm

CPS #: 1754 W WELL NAME: S.J. 27-5 #28

LOCATION: SW 25-27-5 DATE: 10/9/85

TOTAL VOLTS: 11.3 TOTAL AMPS: 22.2

OHMS RESISTANCE: .5

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.			COKE	COKE
5			185	1.6		365			545			1	260	2.8	4.1
10			190	2.9	- ⑤	370			550			2	250	3.1	4.1
15			195	3.0		375			555			3	240	3.1	5.0
20			200	2.4		380			560			4	210	2.5	3.2
25			205	2.3		385			565			5	190	2.4	2.4
30			210	2.6	- ④	390			570			6	125	2.8	4.4
35			215	2.4		395			575			7	110	2.1	3.2
40			220	1.7		400			580			8	107	2.4	4.3
45			225	1.0		405			585			9	98	2.3	3.0
50			230	.9		410			590			10	89	3.0	4.1
55			235	2.0		415			595			11	80	2.3	3.2
60			240	3.0	- ③	420			600						
65			245	3.0		425			605						
70			250	3.1	- ②	430			610						
75			255	3.1		435			615						
80	1.7	- ①	260	2.7	- ①	440			620						
85	1.9	- ②	265	2.6		445			625						
90	2.0		270	2.6		450			630						
95	1.7	- ③	275	2.1		455			635						
100	1.8		280	1.6		460			640						
105	2.3	- ④	285	1.1		465			645						
110	2.4		290	2.2	7.12	470			650						
115	1.7	- ⑤	295			475			655						
120	1.9		300			480			660						
125	2.5	- ⑥	305			485			665						
130	2.5		310			490			670						
135	2.1		315			495			675						
140	2.3		320			500			680						
145	2.9		325			505			685						
150	3.0	- ⑦	330			510			690						
155	2.3		335			515			695						
160	2.2		340			520			700						
165	2.4	- ⑧	345			525			705						
170	1.7		350			530			710						
175	1.2		355			535			715						
180	1.2		360			540			720						

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