

1043

E

26 30-029-07093
114 30-029-20238DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)Operator MERIDIAN OIL Location: Unit NE Sec. 17 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #26, #114

cps 1708w

Elevation 6575' Completion Date 9/21/83 Total Depth 380' 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/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 90', 140', 230' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 4500 lbs.Depths anodes placed: 335', 320', 290', 280', 270', 260', 220', 210', 200', 190'Depths vent pipes placed: 380'Vent pipe perforations: 300'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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Hereto) ☒Completion Date 9-21-83

CPS #	Well Name, Line or Plant	Work Order #	Status	Ins. Union Check
1708 W	San Juan 27-5 #26 San Juan 27-5 #114	53213-19-50-20-64 54693-19-50-20-64	600' NE = .72 600' N = .78	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
Ne 17-27-5	2" x 60"	Duriron	6 3/4" MILL tooth (Rock)	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
380	380		4500	
Anode Depth				
# 1 335	# 2 320	# 3 290	# 4 280	# 5 270
# 6 260	# 7 220	# 8 210	# 9 200	# 10 190
Anode Output (Amps)				
# 1 3.34	# 2 3.54	# 3 2.91	# 4 4.48	# 5 3.97
# 6 3.44	# 7 3.40	# 8 5.00	# 9 3.80	# 10 4.08
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 11.7	Amps 14.3	Ohms .82		

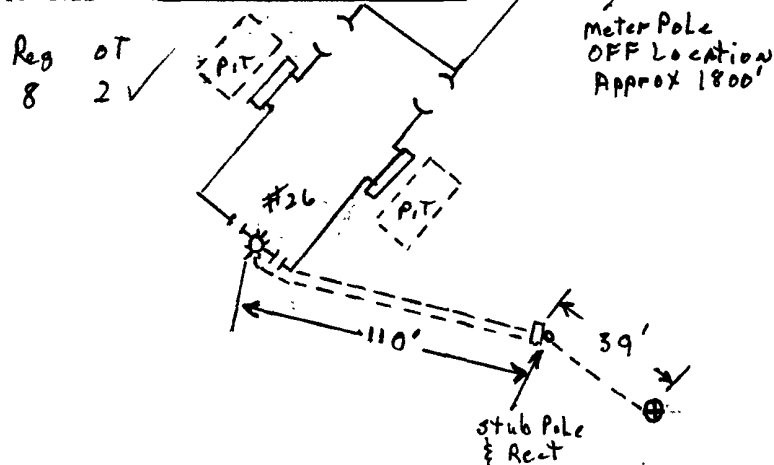
Remarks: Driller said wet at 90' Drilled to 240' waited 30 min & caught water sample (water zones at 90', 140' & 230') water at 85' next a.m. Drilled to 380' Logged 380' INST 380' OF vent pipe with 300 Ft OF perforations. Slurried approx 45 sacks of coke.

Rectifier Size: 60 V 30 A ✓
 Addn'l Depth: _____ ✓
 Depth Credit: -120 ✓
 Extra Cable: 140 ✓
 Ditch & 1 Cable: 149 ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: _____ ✓
 10' Stub Pole: 1 ✓

All Construction Completed

Robert J. Balnick
 (Signature)

GROUND BED LAYOUT SKETCH



6575

ENGINEERING CALCULATION SHEET

Form 7-371 (11-77)

1708 W NE 17-27-5

Page 1

Date

9-21-83

By

RJB

S. J. 27-5 #26 - 53213-19-50-20-64 - STG 600' NE = 72 680MA + u = OK
 S. J. 27-5 #114 - 54693-19-50-20-64 - STG 600' N = 78 790MA + u = OK

26	90		220	1.53 - 7	350	.33
25				1.10 - 7		.30
24	100		30	.84	360	.30
23				.51		.27
22	10		40	.33	370	.27
21				.56		.30
20	20		50	.52	380	✓
19				.88		
18	30		60	1.63 - 6		
17				1.74		
16	40		70	2.61 - 5		
15				1.90		
14	50		80	1.80 - 4		
13				1.57		
12	60		90	1.26 - 3		
11				.73		
10	70	.51	300	.93		
9				.51		
8	80	1.52	10	.32		
7		2.32		.30		
6	90	2.02 - 10	20	1.42		
5		1.84	30	1.74 - 2		
4	200	1.15 - 9		1.99		
3		2.33 ✗		1.71 - 1		
2	10	2.49 - 8	40	.86		
1		1.72 ✗		.53		

Driller said wet at 90' Drilled
 240' waited 30 min + caught
 water sample. Drilled to 380'
 water at 85' Next am Drilled
 to 380' Logged 380' inst 380' of
 vent pipe with 300' perforation
 slurried Approx - 95 bags coke

- ① 335 - 1.52 - 3.34
- ② 320 - 1.55 - 3.54
- ③ 290 - 1.32 - 2.91
- ④ 280 - 1.95 - 4.48
- ⑤ 270 - 1.67 - 3.97
- ⑥ 260 - 1.70 - 3.44
- ⑦ 220 - 1.55 - 3.40
- ⑧ 210 - 2.60 - 5.00
- ⑨ 200 - 1.58 - 3.80
- ⑩ 190 - 2.09 - 4.08

117 V 14.3 A = .82 ohms

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

Analysis No. 1-10872 Date October 12, 1983
 Operator El Paso Natural Gas Well Name San Juan 27-5 #26 CPS 1708W
 Location NE 17-27-5 County Rio Arriba State New Mexico
 Field Blanco Formation _____
 Sampled From 90 feet

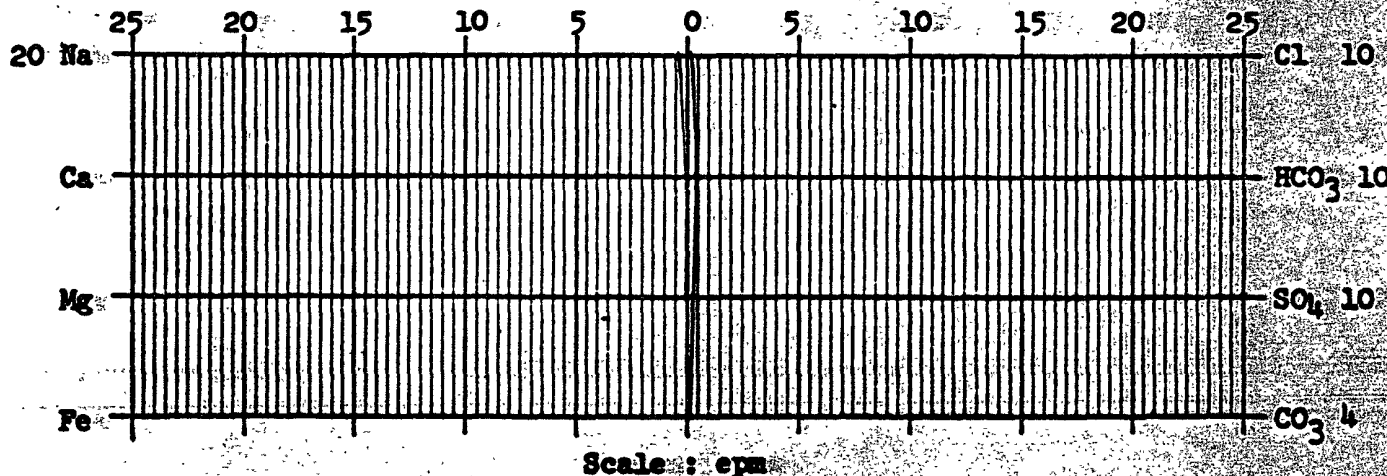
Date Sampled September 21, 1983 By Robert Babnick

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>216</u>	<u>9.4</u>	Chloride <u>20</u>
Calcium <u>0</u>	<u>0</u>	Bicarbonate <u>293</u>
Magnesium <u>0</u>	<u>0</u>	Sulfate <u>170</u>
Iron _____	_____	Carbonate <u>14</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

cc: R. A. Ullrich
 E. R. Paulek
 J. W. McCarthy
 J. D. Evans
 W. B. Shropshire
 D. C. Adams
 File _____

Total Solids Dissolved 600
 pH 8.6
 Sp. Gr. 0.9964 At _____ 60°F
 Resistivity 943 ohm-cm at _____ 74°F

Dennis P. Bird *GCK*
 Chemist



5.J 27-5 # 26

eps 1708w

DAILY DRILLING REPORT

LEASE	WELL NO.	CONTRACTOR	RIG NO.	REPORT NO.	DATE	
		S. K.	1		9-21	1983

MORNING						DAYLIGHT							EVENING										
Driller		Total Men In Crew				Driller		Total Men In Crew					Driller		Total Men In Crew								
FROM	TO	FORMATION		WT-BIT	R.P.M.	FROM	TO	FORMATION		WT-BIT	R.P.M.	FROM	TO	FORMATION		WT-BIT	R.P.M.						
						O ND	ND	Sandy clay shale + S.S. frags															
BIT NO.		NO. DC _____ SIZE _____ LENG. _____		SERIAL NO.		STANDS		SIZE		TYPE		MAKE		TOTAL DEPTH		TIME							
NO. DC _____ SIZE _____ LENG. _____		DOWN ON KELLY		SERIAL NO.		STANDS		SIZE		TYPE		MAKE		TOTAL DEPTH		TIME							
MUD RECORD		MUD, ADDITIVES USED AND RECEIVED				MUD RECORD		MUD, ADDITIVES USED AND RECEIVED					MUD RECORD		MUD, ADDITIVES USED AND RECEIVED								
Time	Wt.	Vis.			Time	Wt.	Vis.			Time	Wt.	Vis.			Time	Wt.	Vis.						
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN					FROM	TO	TIME BREAKDOWN								
REMARKS -						REMARKS - Water came To 85ft of Top water 90ft water 140 ft									REMARKS -								

SIGNED: Toolpusher

Company Supervisor