

1064

E

113E- 30-039-22638

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 10 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #113E

cps 1718w

Elevation 6630' Completion Date 9/13/83 Total Depth 340' 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. 85' SAMPLE TAKEN

Depths gas encountered: N/A

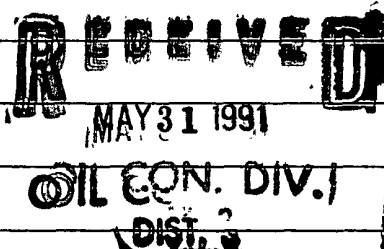
Type & amount of coke breeze used: 5000 lbs.

Depths anodes placed: 305', 295', 200', 190', 180', 170', 155', 145', 135', 125'

Depths vent pipes placed: 340'

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 9-13-83

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1718W	SAN JUAN 27-5 #113E	59123-21-50-20-64	600' SE = .85	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NW 10-27-5	2" X 60"	DARFON	6 3/4" Rock	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
340'	340'		5000	
Anode Depth				
#1 305	#2 295	#3 200	#4 190	#5 180
#6 170	#7 155	#8 145	#9 135	#10 125
Anode Output (Amps)				
#1 2.66	#2 2.94	#3 3.75	#4 3.60	#5 4.72
#6 4.41	#7 2.50	#8 3.53	#9 3.87	#10 3.40
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 11.8	Amps 14.4	Ohms .82		

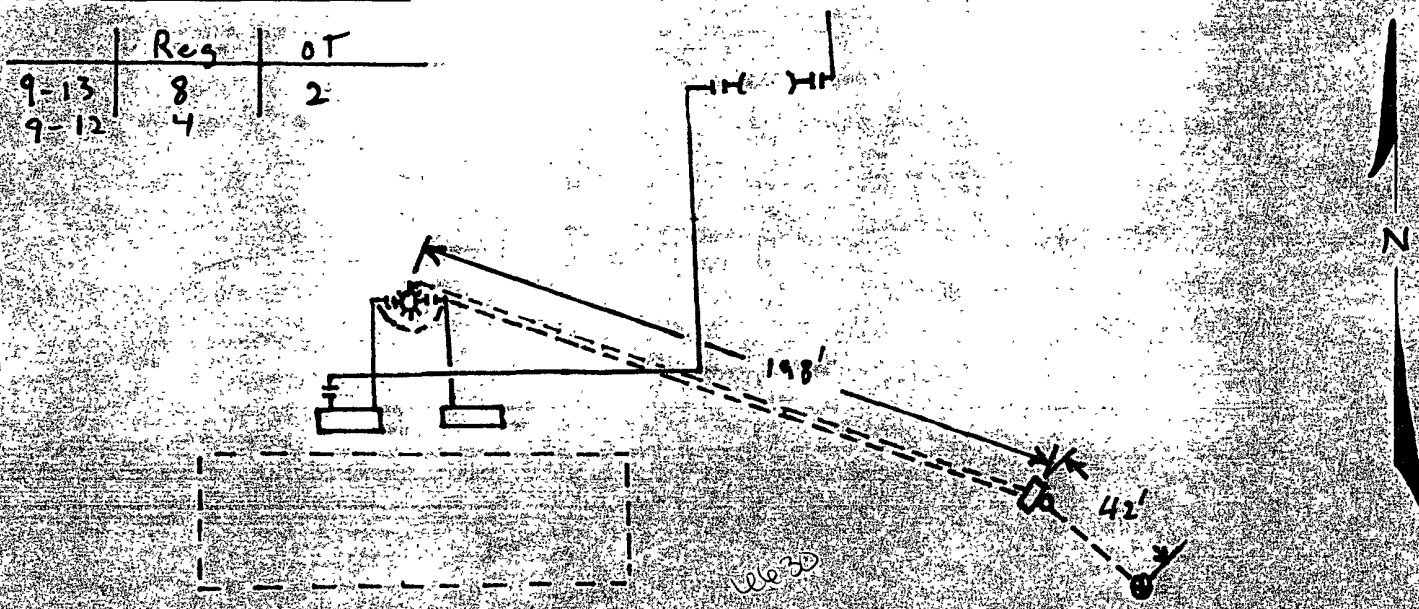
Remarks: Driller said wet at 85' drilled to 220' water at 80 ft next AM caught water sample drilled 340' Logged 340' inst 340' vent pipe with 260' perforated. Slurried approx 50 sacks coke

Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: -160 ✓
 Extra Cable: 228 ✓
 Ditch & 1 Cable: 240 ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: -
 10' Stub Pole: -

All Construction Completed

Robert J. Balovich
 (Signature)

GROUND BED LAYOUT SKETCH



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

Analysis No. 1-10864 Date September 30, 1983
 Operator El Paso Natural Gas Well Name San Juan 27-5 #113E CPS 1718W
 Location NW 10-27-5 County Rio Arriba State New Mexico
 Field Blanco Formation _____
 Sampled From 85 feet CPS 1718W

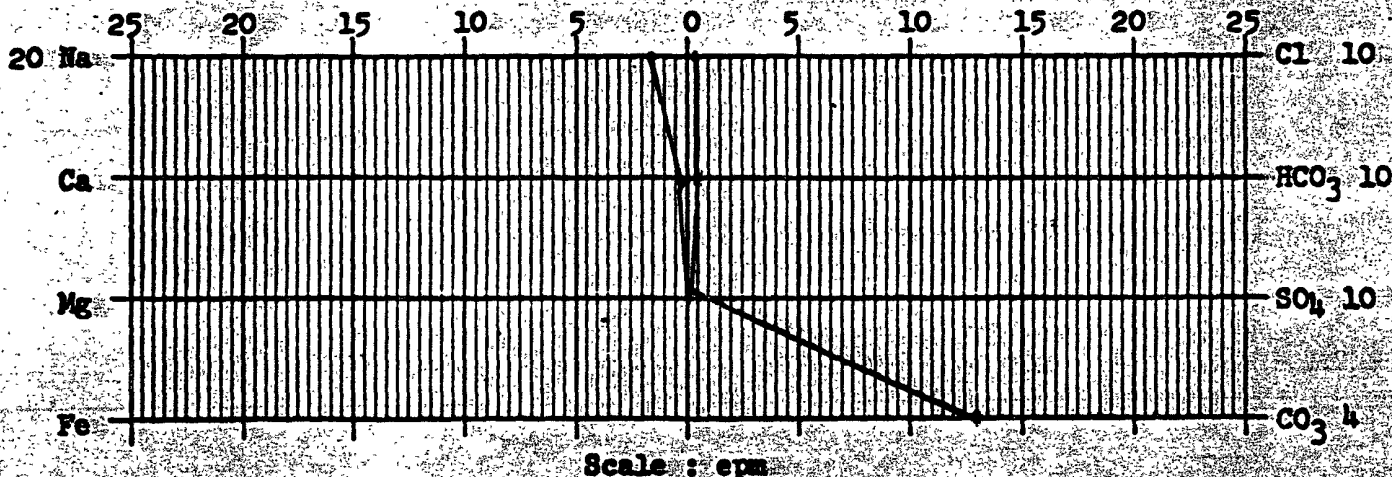
Date Sampled September 13, 1983 By Robert J. Babnick

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>702</u>	<u>30.5</u>	Chloride <u>44</u>
Calcium <u>6</u>	<u>0.3</u>	Bicarbonate <u>244</u>
Magnesium <u>TRACE</u>		Sulfate <u>600</u>
Iron _____		Carbonate <u>19</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 1.224
 pH 8.6
 Sp. Gr. 0.9714 At _____ 60°F
 Resistivity 503 ohm-cm at _____ 74°F

Joe P. Barnett
 Chemist *GCK*



CPS - 1718 W DAILY DRILLING REPORT

S.J. 27-5 113 E
LEASE WELL NO. CONTRACTOR S.H. RIG NO. REPORT NO. DATE 9-13 19 83

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.
					0	30	clay							
					30	80	shale							
					80	95	sandstone							
					95	200	shale							
BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.		
SE L NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH		
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.		
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN		
REMARKS -					REMARKS -					REMARKS -				
					Damp 80 ft.									
					water 215 ft									
					water came to 85 ft of top									
					of hole									
					made about 5 gal. min.									

SIGNED: Toolpusher

A. Alexander

Company Supervisor

Robert Balrick