

999

#80 30-039-07130

E

#161 30-039-20398

DATA 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. 12 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #80, #161

cps 1294w

Elevation 6423' Completion Date 9/22/78 Total Depth 260' 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. 80' & 120' SAMPLE TAKEN

Depths gas encountered: N/A

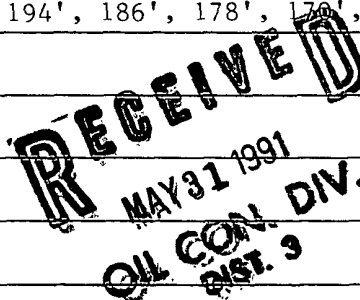
Type & amount of coke breeze used: 30 SACKS

Depths anodes placed: 226', 218', 210', 202', 194', 186', 178', 170', 140', 130'

Depths vent pipes placed: 240'

Vent pipe perforations: 180'

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 9-22-78

Well Name <u>S. J. 28-6 #80</u> <u>#161</u>		Location <u>NE12-27-6</u>		CPS No. <u>1294W</u>	
Type & Size Bit Used <u>63/4</u>		Contract # <u>CONTRACT #2</u>		Work Order No. <u>#80-53565-19</u> <u>#161-54899-19</u>	
Anode Hole Depth <u>260-250</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
<u>226</u>	<u>218</u>	<u>210</u>	<u>202</u>	<u>194</u>	<u>186</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
<u>3.5</u>	<u>4.9</u>	<u>4.5</u>	<u>3.8</u>	<u>2.8</u>	<u>2.9</u>
Anode Depth	# 6	# 7	# 8	# 9	# 10
<u>178</u>	<u>170</u>	<u>140</u>	<u>130</u>		
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
<u>2.9</u>	<u>3.0</u>	<u>2.2</u>	<u>2.9</u>	<u>2.0</u>	
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.9</u>		Amps <u>14.3</u>		Ohms <u>.83</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: Static #80 600'w = 0.78. Static #161 600'w = 0.76.

DRILLER SAID DAMP @ 60'. SOME WATER @ 80'. MORE WATER @ 120'. 6-8 GAL. PER MIN. PER FORATED 180' OF 1" PVC VENT PIPE. INSTALLED 240' OF 1" PVC VENT P. SLURRED 30 SACKS OF COKE. FIRST 8 ANODES SPACED 8' APART.

60V 30 A Rectifier.

Hole Depth = -250

1 1/2" X 60" Duriron

20' Motor Pole.

EXTRA CABLE = 255' 333

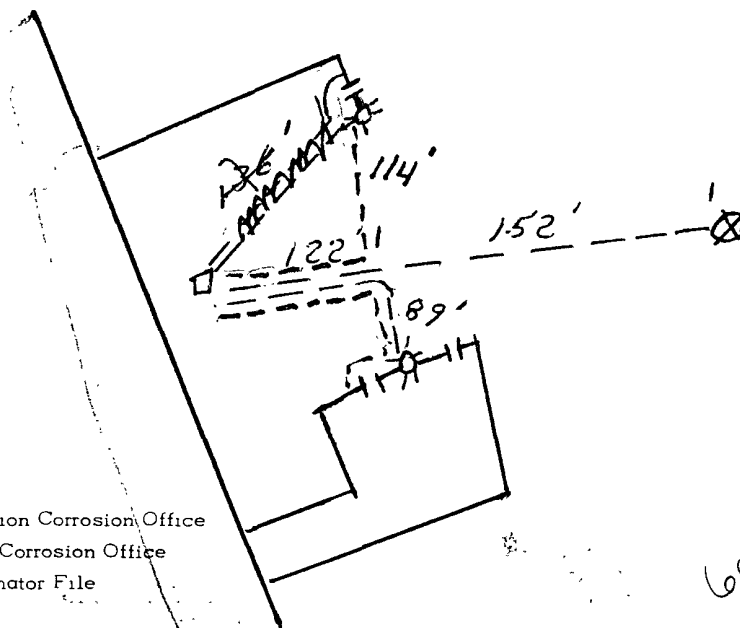
DITCH 81 CABLE = ~~499~~ 477

All Construction Completed

W. J. Lott

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

6423

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

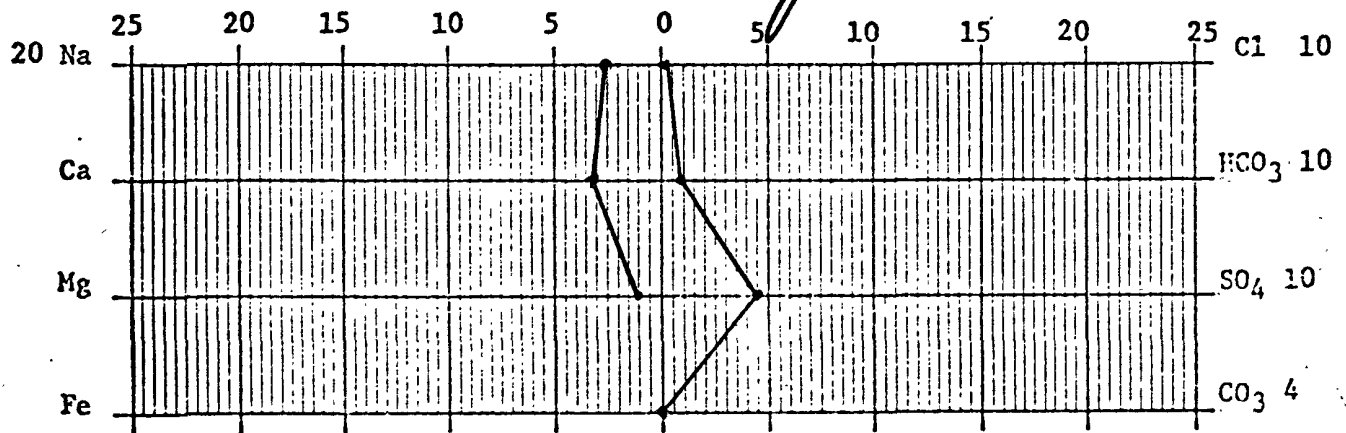
Analysis No. 1-9365 Date 11-8-78
Operator EPNG Well Name SAN JUAN 28-6 #80
Location NE 12-27-6 County RIO ARRIBA State NM 161
Field _____ Formation _____
Sampled From C.P.S. 1294 W WTR @ 80'; 120' 6-8 GPM
Date Sampled _____ By _____

Tbg. Press.	Csg. Press.	Surface Csg. Press
ppm	epm	ppm epm
Sodium <u>1196</u>	<u>52</u>	Chloride <u>50</u> <u>1</u>
Calcium <u>67</u>	<u>3</u>	Bicarbonate <u>464</u> <u>8</u>
Magnesium <u>12</u>	<u>1</u>	Sulfate <u>2250</u> <u>47</u>
Iron <u>PRESENT</u>		Carbonate <u>0</u> <u>0</u>
H ₂ S <u>ABSENT</u>		Hydroxide <u>0</u> <u>0</u>

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

Total Solids Dissolved 3490
pH 7.6
Sp. Gr. 1.0037 at 60°F
Resistivity 230 ohm-cm at 73 °F

Joe Barnett RLE
Chemist



Scale: epm

DAILY DRILLING REPORT

LEASE			WELL NO. 1294			CONTRACTOR D. & F. Enter.			RIG NO. 2			REPORT NO.			DATE Sep 23 1978		
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.			
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SERI NO.		STANDS				SERI NO.		STANDS				SERI 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			
0	20	Sandy Shale				140	200	Shale									
20	40	Sandy Shale				200	240	Sandy Shale									
40	60	Sandy Shale (Damp)				240	260	Shale									
6	100	Sandy Shale (water)															
100	120	Shale															
120	140	Sandy Shale (Damp)															
REMARKS -						REMARKS -						REMARKS -					
												Drilled 6 3/4 hole to 260					
												Logged 250					
												Est 6 to 8 gpm water					

SIGNED: Toolpusher

D. K. McDonald

____ Company Supervisor