

4872
30-045-10923

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. 8 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced MARCOTTE #1

cps 448w

Elevation 5847 Completion Date 8/1/74 Total Depth 250' 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. 40' TO 50'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON.
DIST.

Type & amount of coke breeze used: N/A

Depths anodes placed: 231', 222', 213', 204', 195', 186', 177', 168', 159', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #3 DRILLED FRITST HOLE 400'. ENCOUNTERED GAS AND FLOWING WATER 260'-280'.

HOLE ABANDONED AND TOP 20' CEMENTED.

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 8-1-74

Well Name Marcotte #1		Location NE 8-31-10		CPS No. 448W	
Type & Size Bit Used 6 3/4				Work Order No. 52385	
Anode Hole Depth 250'		Total Drilling Rig Time		Total Lbs. Coke Used	
		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Depth					
# 1	231	# 2	222	# 3	213
# 4	204	# 5	195	# 6	186
# 7	177	# 8	168	# 9	159
# 10	150				
Anode Output (Amps)					
# 1	2.5	# 2	3.2	# 3	4.1
# 4	4.2	# 5	5.0	# 6	4.8
# 7	4.6	# 8	4.6	# 9	3.6
# 10	3.6				
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	12.5	Ohms	0.94
				370	

Remarks: Drilled 400' Hole making water could not pump cake
Down Hole - water velocity brings cake to surface
Conc. Hole with 20' joint 2" pipe - Move 40' & Drill to
250' - Driller said Big water coming from 260 - 280'
Squeeze Anodes to 9' spacing Vent pipe perforated
200' Pump cake to surface - Driller said water at
40 to 50' this hole

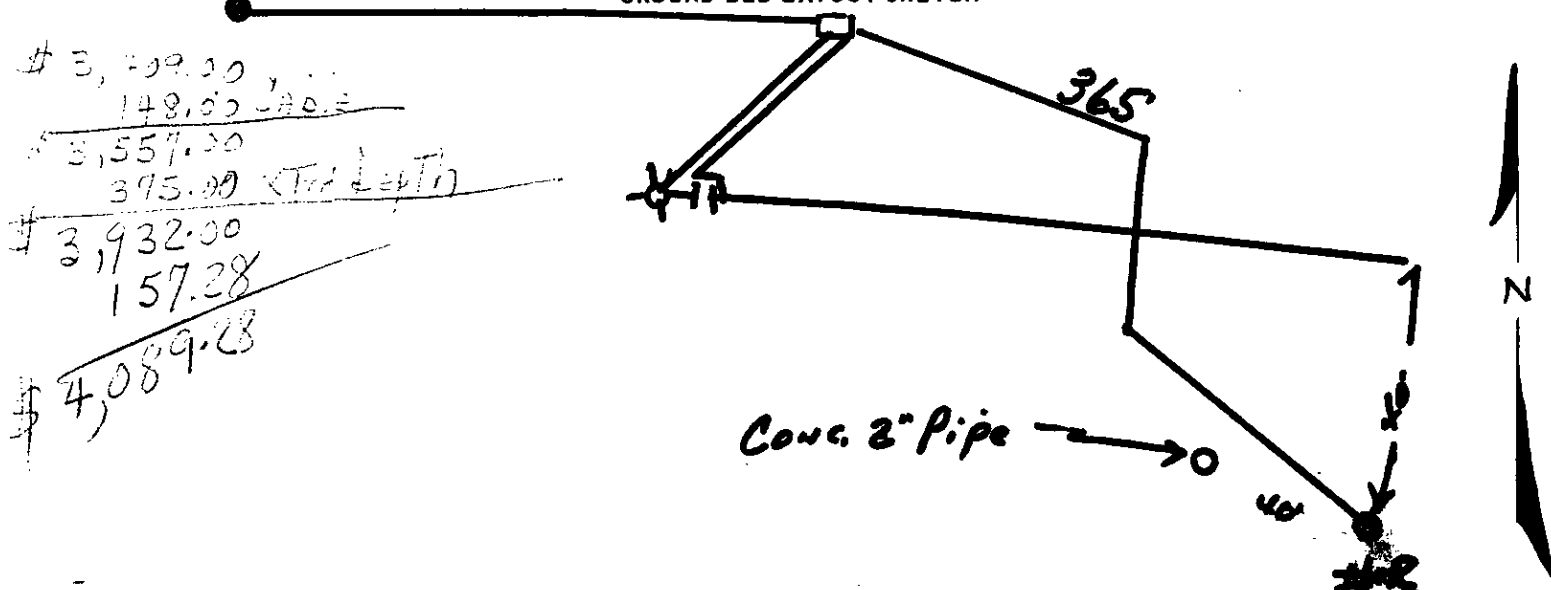
All Construction Completed

All Construction & Remodeling
Acres

(Signature)

H/ GNDRED

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Date 8-1-74

Location _____
City SACRAMENTO State W. M. County _____

Injection at 20
Water at 40-50

Helper _____

448w $\chi = 8.7$

Driller Said Water
at 40-50'-
Start inj at 20'

Vent + Perf. 200

Pump Coke to Surface

109	474	602
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1	2.31	20	2.5
2	2.22	21	3.2
3	2.13	26	4.1
4	2.04	27	4.2
5	1.95	29	5.0
6	1.86	28	4.8
7	1.77	27	4.6
8	1.68	23	4.6
9	1.59	15	3.6
10	1.50	1.4	3.6

94

$$12.5 \cdot 11.8 \div 12.5 A = .94$$

11	25
	55

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

448-W

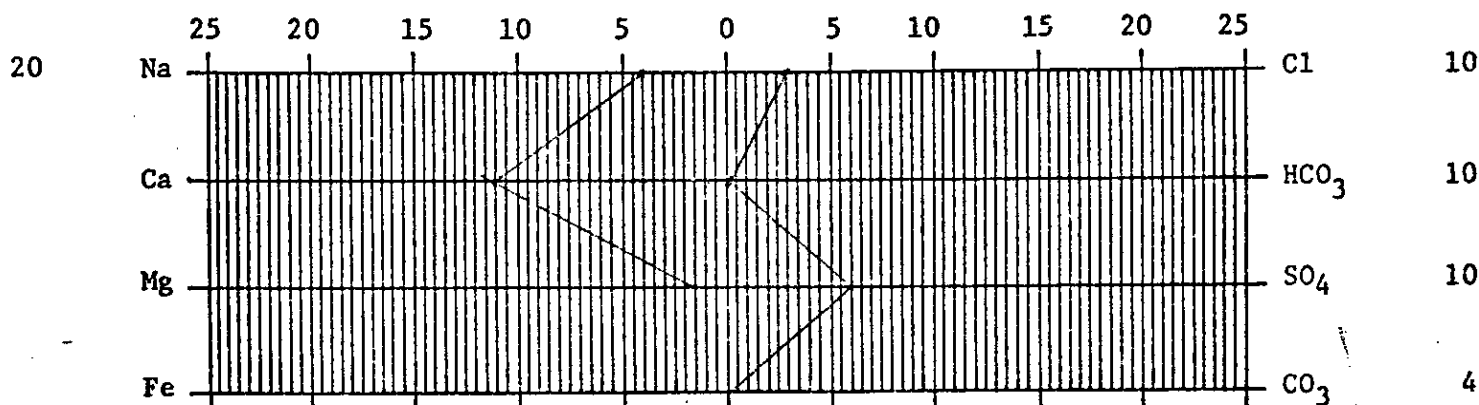
Analysis No. 1-8080 Date August 29, 1974
Operator EPNG Well Name Marcotte #1 Ground Bed
Location NE 8-31-10 County San Juan State New Mexico
Field _____ Formation _____
Sampled From Well Head
Date Sampled 7-25-74 by G. Seitzinger
Tubing Pressure _____ Casing Pressure _____ Surface casing pressure _____

ppm	epm	ppm	epm
Sodium <u>1808</u>	<u>79</u>	Chloride <u>1130</u>	<u>32</u>
Calcium <u>212</u>	<u>11</u>	Bicarbonate <u>56</u>	<u>1</u>
Magnesium <u>34</u>	<u>2</u>	Sulfate <u>2850</u>	<u>59</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>
		Total Solids	
		Dissolved <u>11560</u>	
		pH <u>7.1</u>	
		Sp. Gr. <u>1.0095</u> at <u>60° F</u>	
		Resistivity <u>80</u> ohm-cm at <u>76</u> °F	

cc: R. L. Ahrens A. M. Smith
D. O. Vilven
F. H. Wood
R. A. Ullrich
A. H. Viescas
D. C. Adams
J. E. Ashworth
file

Sattler + Ellsberry

CHEMIST



Scale: epm