

1275

E

30-045-23572

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. 16 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced ALLEN COM #1A

cps 1553

Elevation 6501' Completion Date 8/27/80 Total Depth 360' 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' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 305', 285', 275', 255', 220', 190', 165', 150', 140', 125'

Depths vent pipes placed: 360'

Vent pipe perforations: 280'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

8 Res Req
3 hrs OT

Drilling Log (Attach Hereto). ☐

2" x 60" DURIRON

Completion Date 8-27-80

Well Name ALLEN Com #1A		Location NW 16-31-9		CPS No. 1553W	
Type & Size Bit Used 6 3/4"		STATIC = .85 WEST		Work Order No. 57613-21	
Anode Hole Depth 360' - 350' TD	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 305	# 2 285	# 3 275	# 4 255	# 5 220
	# 6 190	# 7 165	# 8 150	# 9 140	# 10 125
Anode Output (Amps)	# 1 4.3	# 2 3.9	# 3 4.3	# 4 3.0	# 5 3.6
	# 6 3.3	# 7 3.3	# 8 4.2	# 9 3.4	# 10 3.4
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	Volts 12.2		Amps 18.0		Ohms .67
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

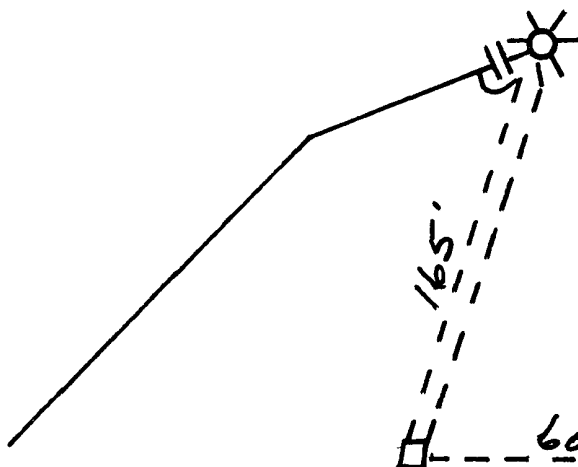
Remarks: **UNION = OK WET 80' - 85' SET OVER NIGHT**
BLOW SAMPLE DRILLED TO 360' LOGGED TO 350'
MORE WATER 315' - 325' 280' 1" PERFORATED
VENT PIPE 80' 1" PLAIN.

All Construction Completed

B.T.

(Signature)

GROUND BED LAYOUT SKETCH



STUB POLE
40/16 RECT
DITCH + 1 CABLE = 225'
XTRA CABLE = 195'
HOLE = - 150'

N

DISTRIBUTION:

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

RECT

GNP BED

62501

UNION = OK
 STATIC = .85 W 1553 W #57613-31 File. BT
 ALLEN Com #1A NW16-31-9

WET 80 TO 85' SET OVER NIGHT BLOW
SAMPLE. DRILLED TO 360' LOGGED TO 350'
MORE WATER 315 TO 325

280' 1" PERFORATED VENT 80' 1" PLAIN

$$12.2 \text{ V} / 18.0 \text{ A} = .67 \Omega$$

MW	gals/mol	
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂ ⁺	9.64
42.08	C ₃ ⁺	9.67

MW	MISC gals/mol	
32.00	O ₂	3 37
28.01	CO	4 19
44.01	CO ₂	6 38
64.06	SO ₂	5 50
34.08	H ₂ S	5 17
28.01	N ₂	4 16
2.02	H ₂	3 38

[illegible]

[illegible]

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

CP

Analysis No. 1-10056 Date 12-2-80
Operator El Paso Natural Gas Well Name Allen Com #1A
Location NW 16-31-9 County San Juan State New Mexico
Field Kutz Formation _____
Sampled From CPS 1553 W @ 80' - 85'

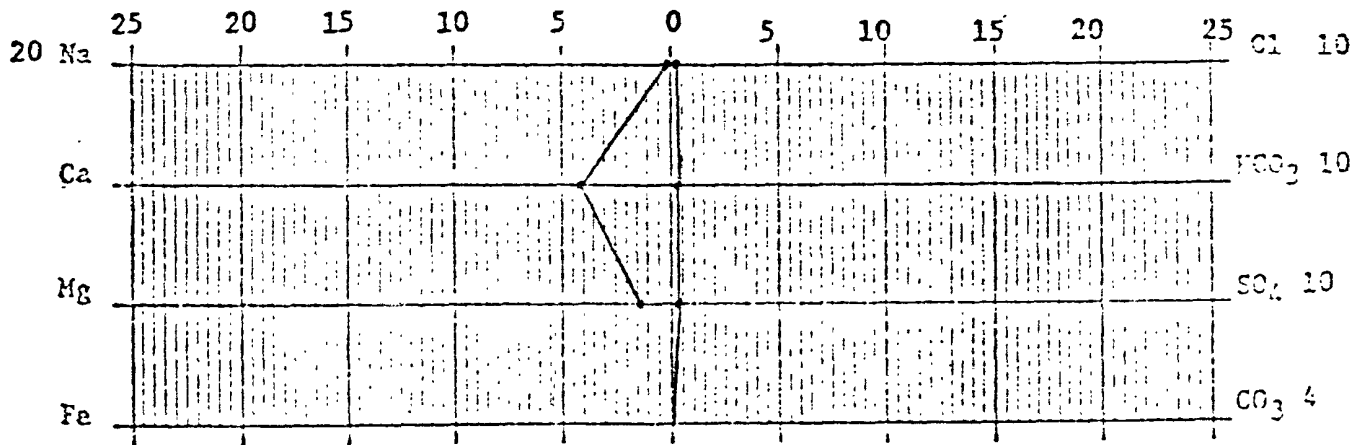
Date Sampled 8-27-80 By B. T.

Tbg. Press. _____ Csg. _____ Surface Csg. Press. _____	
ppm	epm
Sodium <u>48</u>	<u>2.1</u>
Calcium <u>85</u>	<u>4.2</u>
Magnesium <u>16</u>	<u>1.3</u>
Iron <u>No Test</u>	
H ₂ S <u>No Test</u>	
Chloride <u>16</u>	<u>0.5</u>
Bicarbonate <u>224</u>	<u>3.7</u>
Sulfate <u>168</u>	<u>3.5</u>
Carbonate <u>0</u>	<u>0</u>
Hydroxide <u>0</u>	<u>0</u>

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

Total Solids Dissolved 502
pH 7.5
Sp. Gr. 0.9934 At 60°F
Resistivity 1333 ohm-cm at 77°F
Stewart Rich
Chemist

JPB



Scale: ppm