

30-045-30561

4787

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

Operator MERIDIAN OIL Location: Unit SW Sec. 10 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced STULL #2

cps 662w

Elevation 6130' Completion Date 6/9/76 Total Depth 270' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF 8 5/8 CASING THROUGH BOULDERS.

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'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4000 lbs.

Depths anodes placed: 250', 240', 230', 220', 210', 200'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: qgb #2 NOTE: 12/15/75 29' 3" CASING SET IN BOULDERS. NO OTHER INFO.

RECEIVED

MAY 31 1991

OIL CON. D
DIST ?

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
CAI DIC PROTECTION CONSTRUCTION RE. RT
DAILY LOG

Logged

W. F. Louth

Logging Log (Attach Hereto) ☐

Completion Date 6-9-76

Well Name STULL #1		Location SW 10-32-10		CPS No. 662 W	
Rod & Size Bit Used 6 3/4				Work Order No. 184-52699	
Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used #	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 250	#2 240	#3 230	#4 220	#5 210	#6 200
Anode Output (Amps)					
#1 2.1	#2 4.2	#3 3.3	#4 3.0	#5 3.1	#6 2.9
Anode Depth					
#1	#2	#3	#4	#5	#6
Anode Output (Amps)					
#1	#2	#3	#4	#5	#6
Total Circuit Resistance					
Volts 12.2	Amps 10.7	Ohms 1.14			
			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used	

Remarks: *DRILLER SAID WATER AT 80'. STOPPED DRILLING UNTIL NEXT A.M. DRILLER SAID WATER AT 80'. STARTED INJ AT 80'. WATER STANDING AT 110' WHEN HOLE WAS LOGGED. COULD HEAR WATER FALLING IN HOLE WHILE COOKING. SLURRYED 40 SACKS OF COKE*

Installed 1 EXTRA ANODE — Set 40' OF 8 5/8 CASING Thru Boulders

All Construction Completed

W. F. Louth
(Signature)

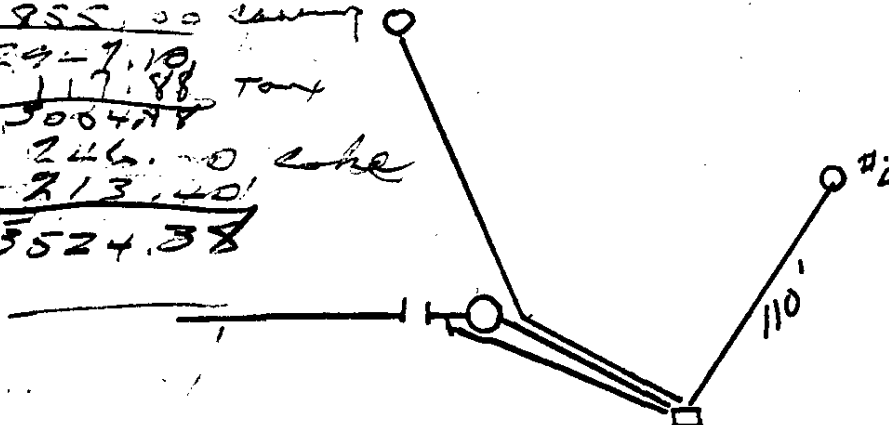
GROUND BED LAYOUT SKETCH

*12/15/75
29 1/2" casing*

Chadler



*30-48.50
27.60
5276.10
2056.10
56.00 anode
2092.10
955.00 casing
24-7.10
117.88 TON
3064.88
246.00 coke
213.40
3524.38*



LEASE SW 1/4 CDS # 10622 WELL NO. # 2 CONTRACTOR M. B. B. Co. RIG NO. 1970 DATE 10/19 19 70

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.	
410	100	Shale				180	200	Shale									
100	130	Shale				200	210	Shale									
130	180	Shale				210	270	Shale									
BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.		
SERIAL 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			Vis.			Time			Vis.			Time			Vis.		
FROM			TO			FROM			TO			FROM			TO		
TIME BREAKDOWN						TIME BREAKDOWN						TIME BREAKDOWN					
REMARKS -						REMARKS -						REMARKS -					

SIGNED: Toolpusher _____ Company Supervisor _____

662W

MW		gal/mol
16	C ₁	6.4
30	C ₂	10.12
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.39
28	C ₂	9.64
42	C ₃	9.67

MISC.		
MW		gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
5	He	1.38

[illegible]

CPS #662

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

Analysis No. 1-10106 Date 1-19-81

Operator El Paso Natural Gas Well Name Stull #1

Location SW 10-32-10 County San Juan State New Mexico

Field Kutz Formation Pictured Cliffs

Sampled From Tubing

Date Sampled 12-3-80 By Art Smith

Tbg. Press. _____ Csg. _____ Surface Csg. Press. _____

ppm	epm	ppm	epm
Sodium _____	_____	Chloride <u>190</u>	<u>5.4</u>

Calcium _____	Bicarbonate <u>405</u>	<u>6.6</u>
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Magnesium _____	Sulfate <u>100</u>	<u>2.1</u>
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Iron _____	Carbonate <u>0</u>	<u>0</u>
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H ₂ S _____	Hydroxide <u>0</u>	<u>0</u>
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cc: C.B. O'Nan Total Solids Dissolved _____

R.A. Ullrich

E.R. Paulek

J.W. McCarthy

A.M. Smith

W.B. Shropshire

D.C. Adams

File

HCO₃ taken at pH 4.0

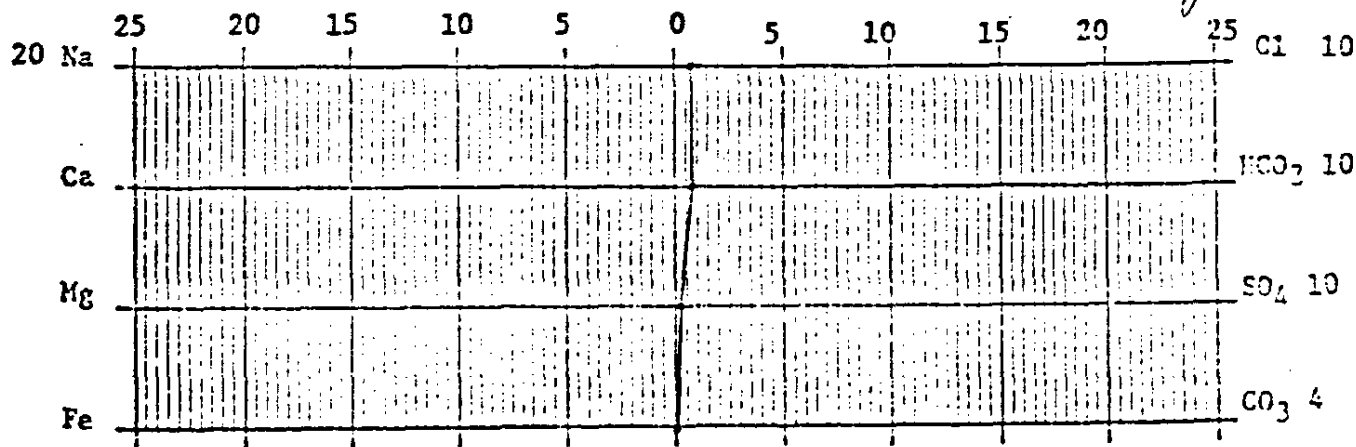
pH 7.3

Sp. Gr. .9988 At 60°F

Resistivity 385 ohm-cm at 77°F

Ernie P. Bied

Chemist



Scale: ppm