

1269

30-039-21980

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

Operator MERIDIAN OIL Location: Unit SE Sec. 17 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #44A

cps 1550w

Elevation 6668' Completion Date 8/20/80 Total Depth 400' 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. 50' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 43 SACKS

Depths anodes placed: 340', 330', 302', 310', 300', 290', 280', 270', 260', 250'

Depths vent pipes placed: 375'

Vent pipe perforations: 315'

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

11 hrs.

Drilling Log (Attach Hereto) ☐

2 X 60 Anodes

Completion Date 8-20-80

Well Name SJ 29-7 #44A		Location SE 17-29-7		CPS No. 1550-W	
Type & Size Bit Used 6 3/4				Work Order No. 57695-21	
Anode Hole Depth 400 1099ed 375	Total Drilling Rig Time	Total Lbs. Coke Used 43 sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 340	# 2 336	# 3 320	# 4 310	# 5 300	# 6 290
# 7 280	# 8 270	# 9 260	# 10 250		
Anode Output (Amps)					
# 1 3.3	# 2 2.9	# 3 2.6	# 4 2.9	# 5 2.5	# 6 2.6
# 7 3.0	# 8 2.7	# 9 2.3	# 10 3.3		
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 10.5	Amps 13.6	Ohms .77			

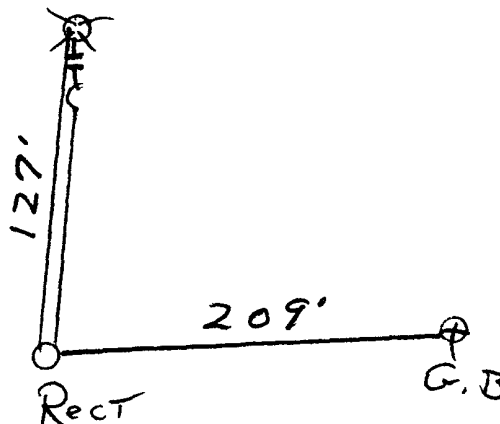
Remarks: STATIC 600' NW 1.0 UNION. F/L NOT laid
DRILLER said hit water at 50' NEXT A.M. Blew water.
Got water sample. MAKING APPROX 2 gal. PER minute. Installed
375' of 1" VENT PIPE, PERFORATED 315' of VENT PIPE. Set #1 Anode
at 355', Hole caved, had to move #1 ANODE UP 15'.

1 10' STUB Pole ✓
1 40V 16A Rect ✓
Ditch + 1 cable - 336' ✓
EXTRA cable - 157' ✓
Hole DEPTH - 125' ✓

All Construction Completed

Willis Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

Wells

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 8-20-8 of WK
Date: 8-20-8
By: WK
File: SJ 29-7-#44A
SE 17-29-7
CPS 1550-W
W/O 57695-21STATIC 600' NW - 1.0
UNION - F/L NOT LAID

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	C4 12.38
58.12	nC4 11.93
72.15	IC5 13.85
72.15	nC5 13.71
86.18	IC6 15.50
86.18	C6 15.57
100.21	IC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

1 10' STUB Pole
1 40V 16A Rect
Ditch + 1 cable 336'
EXTRA cable 157'
Hole Depth - 125'DRILLER Said hit WATER AT
50'. Nxt AM Blew WATER
GOT WATER SAMPLE. INSTALL
375' of 1" VENT PIPE, PERFORA
315' of VENT PIPE. SLURRY
43 SACKS of COKE. SET #1
ANODE AT 355', Hole Caved - had
to RAISE #1 ANODE up 15'.

50	.6	200	.4
55	.7	05	.5
60	1.4	10	.6
65	1.0	15	.6
70	1.2	20	.6
75	1.6	25	.7
80	.9	30	.9
85	.8	35	.5
90	.7	40	.7
95	.7	45	1.3
100	.9	50	1.6
05	.8	55	1.0
10	.6	60	1.1
15	.5	65	1.3
20	.5	70	1.3
25	.4	75	1.3
30	.4	80	1.7
35	.4	85	1.8
40	.6	90	1.4
45	.2	95	1.4
50	.2	300	1.3
55	.3	05	1.4
60	.6	10	1.7
65	.5	15	1.7
70	.5	20	1.5
75	.5	25	1.4
80	.4	30	1.7
85	.5	35	2.0
90	.4	40	1.9
95	.4	45	1.8

50	1.6
55	1.9
60	1.6
65	1.6
70	1.6
75	1.5 TD
80	
85	
90	
95	
400	

① 340	2.2	3.3
② 330	1.9	2.9
③ 320	1.8	2.6
④ 310	2.0	2.9
⑤ 300	1.7	2.5
⑥ 290	1.7	2.6
⑦ 280	2.0	3.0
⑧ 270	1.6	2.7
⑨ 260	1.4	2.3
⑩ 250	2.1	3.3

10.5 V 13.6 A .77 Ω

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

Analysis No. 1-10020 Date 11-12-80
Operator El Paso Natural Gas Well Name San Juan 29-7 #44A
Location SE 17-29-7 County San Juan State New Mexico
Field Blanco Formation _____
Sampled From CPS 1550-W @ 50 ft.

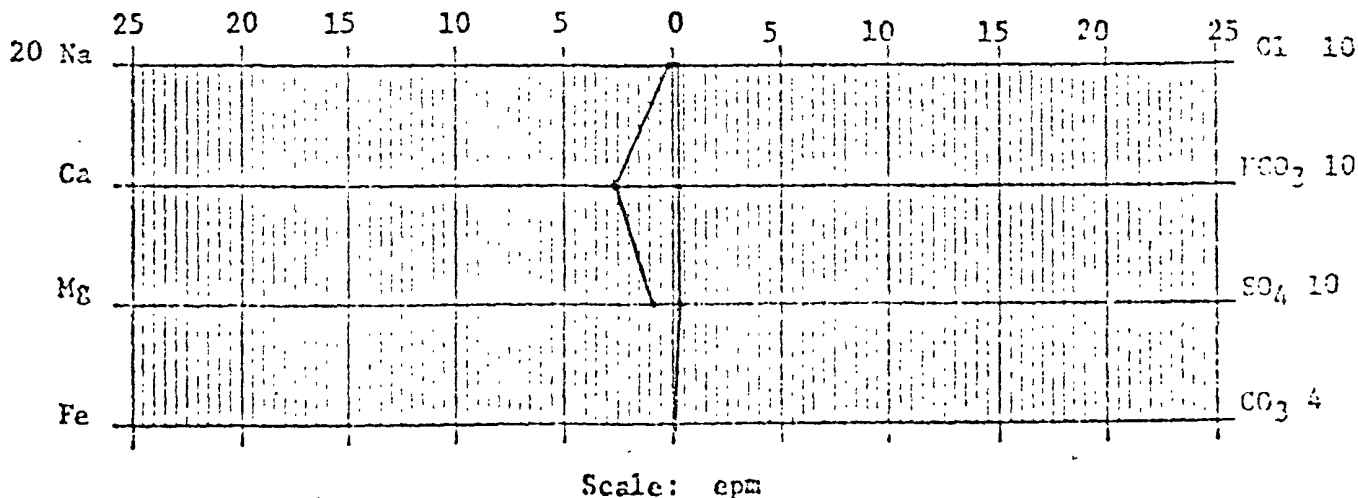
Date Sampled 8-20-80 By Willis Knight

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>40</u>	<u>1.8</u>	Chloride <u>16</u>
Calcium <u>48</u>	<u>2.4</u>	Bicarbonate <u>229</u>
Magnesium <u>11</u>	<u>0.9</u>	Sulfate <u>40</u>
Iron <u>No test</u>		Carbonate <u>0</u>
H ₂ S <u>No test</u>		Hydroxide <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 274
pH 7.9
Sp. Gr. .9964 At 60°F
Resistivity 2000 ohm-cm at 77°F

Joe Banillo
Chemist



CPS# 1550W

San Juan 29-7 #44-A

W.O.# 57695-21

LEASE

WELL NO.

CONTRACTOR

3-C Drilling

RIG NO. #1

REPORT NO.

DATE

August 20th 1980

MORNING

DAYLIGHT

EVENING

Driller <i>Brian</i> Total Men In Crew <i>3</i>					Driller <i>Brian</i> Total Men In Crew <i>3</i>					Driller <i>Brian</i> Total Men In Crew <i>3</i>				
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.
SER. NO.		STANDS			SER. NO.		STANDS			SER. NO.		STANDS		
SIZE <i>6 3/4</i>		SINGLES <i>20</i>			SIZE		SINGLES			SIZE		SINGLES		
TYPE <i>rock</i>		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH <i>400' T.D. 375'</i>			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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	20	shale	230	250	bentonite & shale			
20	40	sandstone	250	280	sand & shale			
40	60	water sand 2 gals p/m	280	400	shale			
	130	shale						
130	180	sand & bentonite						
180	230	bentonite						

REMARKS -

REMARKS -

drilled to 60' on the 19th
had water standing at approx 50'
on the 20th. Got a good water
sample. Hole making approx. 2 g/m

REMARKS -

Total hole depth - 400'
Total log depth - 375'

SIGNED: Toolpusher

Brian Bunge

Company Supervisor