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30-039-21941

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. 27 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #49A
cps 1480w

Elevation 6894' Completion Date 7/17/80 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. 170' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 4200 lbs.

Depths anodes placed: 355', 345', 335', 325', 315', 305', 295', 285', 275', 265'

Depths vent pipes placed: 400'

Vent pipe perforations: 240'

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

Drilling Log (Attach Hereto) ☐

2" X 60" DURIRON

Completion Date 7-17-80

Well Name S.J. 30-6 #49A		Location SE 27-30-6		CPS No. 1480 W	
Type & Size Bit Used 6 3/4				Work Order No. 57577.21	
Anode Hole Depth 400-Logged 391	Total Drilling Rig Time	Total Lbs. Coke Used 4200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 355	# 2 345	# 3 335	# 4 325	# 5 315	# 6 305
# 7 295	# 8 285	# 9 275	# 10 265		
Anode Output (Amps)					
# 1 2.8	# 2 4.2	# 3 4.7	# 4 4.0	# 5 3.6	# 6 3.8
# 7 3.5	# 8 3.3	# 9 3.7	# 10 4.2		
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 11.9	Amps 17.3	Ohms .69			

Remarks: STATIC $\frac{1}{3600}$'s = .89 UNION-NONE NOT RIED IN yet Driller SAID
WATER AT 170' CAUGHT WATER SAMPLE. Drilled to 400' Logged
391'. INST. 400' VENT PIPE WITH 240' PERF. SLURRIED 42
SACKS OF COKE

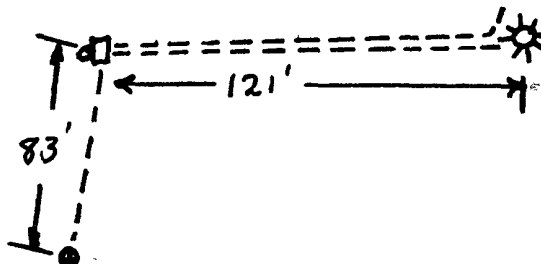
10' STUB POLE
400 ILLA RECT.
Jet Boy
DITCH & CABLE = 204
EXTRA CABLE = 141
Hole depth = -109

All Construction Completed

Robert Balnick
(Signature)

GROUND BED LAYOUT SKETCH

Time	REC	O.T.
7-17-80	8	3



DISTRIBUTION:

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

6894

DAILY DRILLING REPORT

San Juan 30-6 #49A
LEASE SF 77-30-6 WELL NO.

Three C Drilling
CONTRACTOR

2
RIG NO.

CBS 1480-W

REPORT NO. 57577-2 DATE July 17 1980

980.

MORNING

DAYLIGHT

EVENING

Driller Kevin Bunge

Total Men In Crew 3

Driller

Total Men In Crew

Driller

Total Men In Crew

[illegible]

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____
BIT NO. _____	NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____	NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____	NO. DC _____ SIZE _____ LENG. _____
SER. NO. _____	STANDS _____	SERIAL NO. _____	STANDS _____	SERIAL NO. _____	STANDS _____
SIZE 63/4	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 _____

[illegible][illegible][illegible]

SIGNED: Toolpusher Kevin Burge

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet 1 of 1
Date 7-17-80
By: RJB
File 1480WS.S. 30-6[#] 49A SE 27-30-6 1480W
57577-21

HRS = 11

STATIC % 600'S = .89 union - NONE NOT YET TIED IN

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

DRILLER SAID WATER AT 170
16 PM CAUGHT WATER SAMPLE
DRILLED TO 400 FT LOGGED
391 FT INST 400 FT VENT
PIPE WITH 240 FT PERF.
SLURRIED 42 SACKS COKE

170 1.6 370 1.6
1.5 1.6
80 1.1 80 =
90 1.0 90 - 391 TD
1.8
200 2.0 400
1.9

10 1.4
1.1
20 .6
.5
30 .5
.5
40 .8
1.4
50 1.9
1.8
60 1.8
1.6-10
70 1.5

1.5-9
80 1.5
1.4-8
90 1.8
1.5-7

300 1.3
1.5-6
10 1.7
1.6-5
20 1.8

1.8-4
30 1.6
1.6-3
40 1.9
1.8-2

50 1.5
1.4-1
60 1.1
1.0

① 355 - 1.7 - 2.8
② 345 - 2.2 - 4.2
③ 335 - 2.5 - 4.7
④ 325 - 2.2 - 4.0
⑤ 315 - 1.8 - 3.6
⑥ 305 - 1.9 - 3.8
⑦ 295 - 1.8 - 3.5
⑧ 285 - 1.8 - 3.3
⑨ 275 - 2.0 - 3.7
⑩ 265 - 2.3 - 4.2

11.9 V 17.3 A = .69 ohms

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

Analysis No. 1-10030 Date 11-12-80
Operator N.W.P (EPNG Owner) Well Name San Juan 30-6 #49A
Location SE 27-30-6 County Rio Arriba State New Mexico
Field Blanco Formation _____

Sampled From CPS 1480 W @170 ft.

Date Sampled 7-17-80 By Robert Babnick

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

	ppm	epm		ppm	epm
Sodium	<u>349</u>	<u>15.2</u>	Chloride	<u>40</u>	<u>1.1</u>

Calcium	<u>16</u>	<u>0.8</u>	Bicarbonate	<u>220</u>	<u>3.6</u>
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Magnesium	<u>0</u>	<u>0</u>	Sulfate	<u>540</u>	<u>11.2</u>
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Iron	<u>No test</u>		Carbonate	<u>0</u>	<u>0</u>
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H ₂ S	<u>No test</u>		Hydroxide	<u>0</u>	<u>0</u>
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cc: C.B. O'Nan
R.A. Ullrich
E.R. Paulek
J.W. McCarthy
A.M. Smith
W.B. Shropshire
D.C. Adams
File

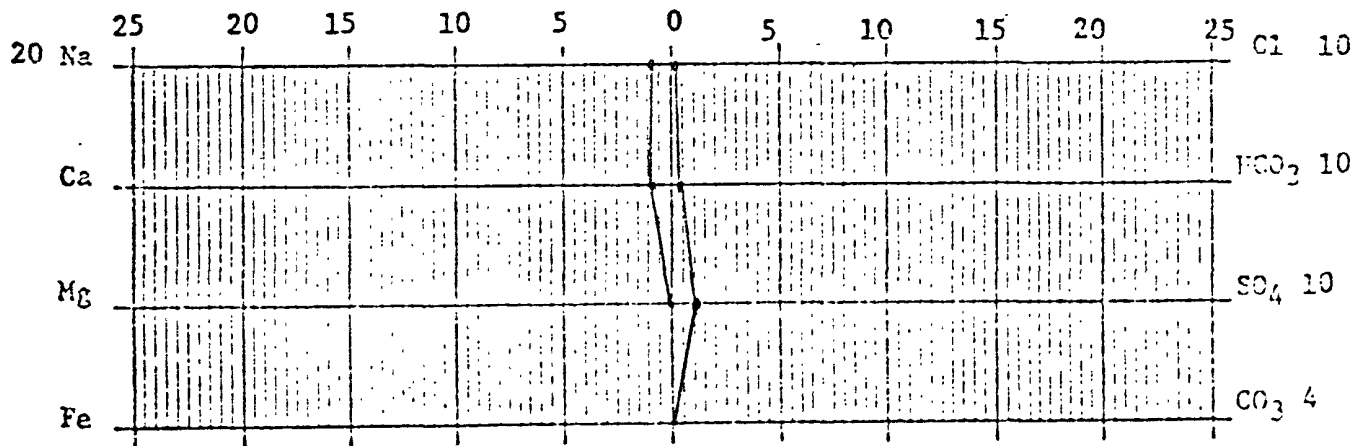
Total Solids Dissolved 1160

pH 7.7

Sp. Gr. .9967 At _____ 60°F

Resistivity 580 ohm-cm at 77°F

Joe Barnett
Chemist



Scale: epm