

30-039-07873
30-039-24379

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. 11 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #84, #461
cps 150w

Elevation 6293' Completion Date 9/30/78 Total Depth 540' 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. DAMP AT 320'

Depths gas encountered: N/A

Type & amount of coke breeze used: 67 SACKS

Depths anodes placed: 505', 495', 485', 475', 465', 450', 410', 400', 390', 380'

Depths vent pipes placed: 520' OF 1" PVC VENT PIPE

Vent pipe perforations: 240'

Remarks: gb. #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.

RECEIVED
MAY 31 1991.
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 9-30-78

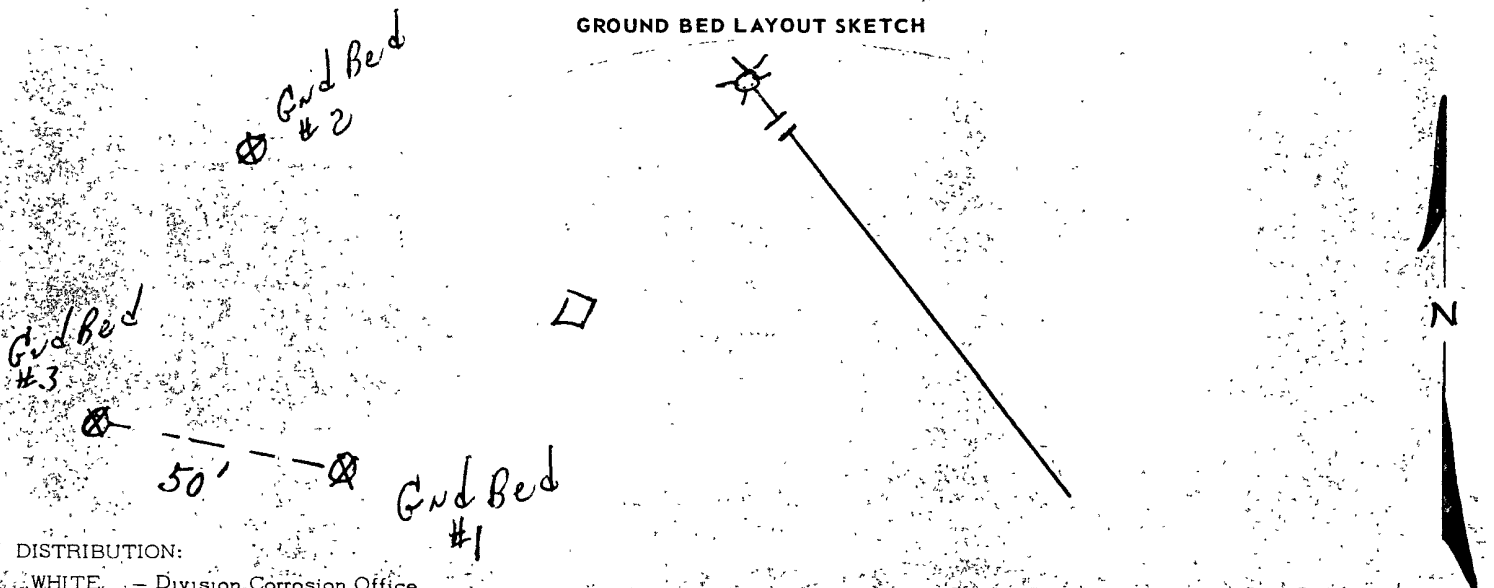
Well Name <u>S.J. 30-6 # 84</u>		Location <u>SW 11-30-7</u>		CPS No. <u>150W</u>	
Type & Size Bit Used <u>634</u>		Contract # <u>CONTRACT #2</u>		Work Order No. <u>52299-19</u>	
Anode Hole Depth <u>540-530</u>	Logged <u>530</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Depth					
# 1 <u>505</u>	# 2 <u>495</u>	# 3 <u>485</u>	# 4 <u>475</u>	# 5 <u>465</u>	# 6 <u>450</u>
# 7 <u>410</u>	# 8 <u>400</u>	# 9 <u>390</u>	# 10 <u>380</u>		
Anode Output (Amps)					
# 1 <u>2.0</u>	# 2 <u>2.2</u>	# 3 <u>2.6</u>	# 4 <u>3.0</u>	# 5 <u>3.0</u>	# 6 <u>1.7</u>
# 7 <u>2.2</u>	# 8 <u>2.8</u>	# 9 <u>2.5</u>	# 10 <u>1.8</u>		
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 <u>10.9</u>	Amps <u>10.5</u>	Ohms <u>1.04</u>			
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: DRILLER SAID DAMP @ 320'. DRILLED TO 340 WAITED 20 MIN BLEW WATER
35 TO 40 GALS PER MIN. PER SCRATCHED 240' OF 1" PVC VENT PIPE. INSTALLED
520' OF 1" PVC VENT PIPE. SKIPPED 67 SACKS OF COKE
INSTALLED 10-2" X 60" DURIRON
Hole Depth = +48
Ditch & 1 Cable = 50'

All Construction Completed

W F Louth
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DAILY DRILLING REPORT

Contract #2

LEASE

WELL NO.

150m CONTRACTOR

J & T Enter

RIG NO. 2

REPORT NO.

DATE

Sept 30 1978

MORNING

Total Men In Crew

Driller

Total Men In Crew

Driller

Total Men In Crew

EVENING

FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.

NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.

SERIAL NO.	SIZES	SERIAL NO.	SIZES	SERIAL NO.	SIZES

SIZE	DOWN ON KELLY	SIZE	DOWN ON KELLY	SIZE	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	WT. Vis.	Time	WT. Vis.	Time	WT. Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

0	20	Top Soil & Sand Stone	160	180	White Sand Stone	320	340	Gravel
20	60	Top Soil & Stone	180	200	Sand & Gravel	340	380	Gravel & Sand
60	80	Gravel	200	220	Gravel & Sand Stone	380	420	Gravel
80	100	Gravel & Sand	220	260	Gravel & Stone	420	540	No Sample
100	120	Gravel & Sand Stone	260	310	Sandy Gravel			
120	160	Gravel	310	320	Sand (mudstone)			

REMARKS -

REMARKS -

REMARKS -

Standby time 3 hours

Drilled 6 3/4 Hole to 540
logged 530
got 35 in 40 gal. of
mud

SIGNED: Toolpusher

J. T. McDaniel

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 11-1-77
By: W. J. S.
File: 11-1-77

S.J. 30-6 #84 Gnd Bed #3
150W

Contract #2
SW11-30-7

52299-19

DRILLER SAID DAMP @ 320'. DRILLED TO 340'
WAITED 20 MIN BLEW WATER,
35-40 GALS PER MIN
PERFORATED 240' OF 1" PVC VENT PIPE
INSTALLED 520' OF 1" PVC VENT PIPE

SLURRIED 67 SACKS OF CORE
INSTALLED 10-2" X 60" DIAMOND ANODES

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	IC4	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

300	90	1.4		
		1.0 (2)		
10	500	.6		
		1.1 (1)		
20	10	1.0		
		.6		
20	20	.5		
		.5		
40	30	.5	TD	
		.3		
50	40	.3	DRILLED	
		.3		
60		.4		
		.6		
70		.4		
		.4		
80		.8 (10)		
		1.1		
90		1.4 (9)		
		1.4		
400		1.4 (8)		
		1.4		
10		1.0 (4)		
		.6		
20		.4		
		.5		
30		.5		
		.5		
40		.5		
		.7		
50		1.0 (6)		
		.7		
60		1.1		
		1.6 (5)		
70		1.5		
		1.4 (4)		
80		1.7		
		1.7 (3)		

Hole Depth = 48
Ditch & Cable 50'

①	505	1.2	2.0
②	495	1.8	2.2
③	485	1.3	2.6
④	475	1.9	3.0
⑤	465	1.7	3.0
⑥	450	1.1	1.7
⑦	410	1.2	2.2
⑧	400	1.6	2.8
⑨	390	1.5	2.5
⑩	380	1.8	1.8

VOLTS 10.9
AMPS 10.5
OHMS 1.04

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

Analysis No. 1-9367 Date 11-8-78

Operator EPNG Well Name SAN JUAN 30-6 #84

Location SW 11-30-7 County RIO ARriba State NM

Field Formation

Sampled From C. P. S. 150' W WTR @ 340' 35-40 GPM

Date Sampled By TD 540'

Tbg. Press. Csg. Press. Surface Csg. Press
ppm epm ppm epm

Sodium 290 13 Chloride 16 .5

Calcium 432 22 Bicarbonate 146 2

Magnesium 10 .9 Sulfate 1575 33

Iron PRESENT Carbonate 0 0

H₂S ABSENT Hydroxide 0 0

cc: D.C.Adams- Total Solids Dissolved 2170

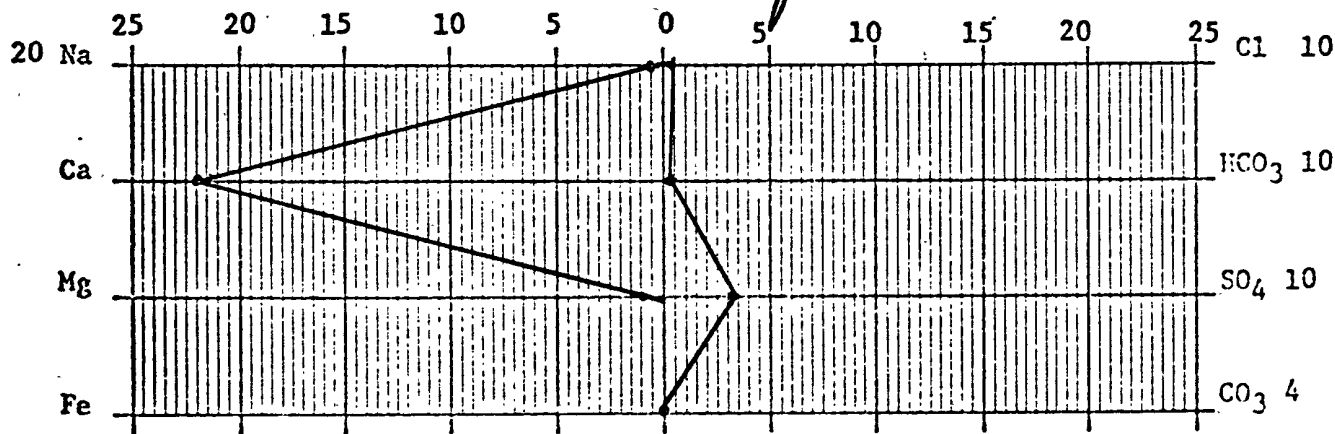
R.A.Ullrich
E.R.Paulek
J.W.McCarthy
A.M.Smith
W.B.Shropshire
File

pH 7.4

Sp. Gr. 1.0025 at 60°F

Resistivity 430 ohm-cm at 73 °F

Joe Barnett RZE
Chemist



Scale: epm