

#23 = 30-039-07014
4804 #96 = 30-039-07108
#112 = 30-039-07099

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. 9 Twp 27 Rng 6
Name of Well/Wells or Pipeline Serviced SAN JAUN 28-6 UNIT #23, #96, #112
cps 681w
Elevation 6478' Completion Date 11/15/77 Total Depth 420' 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. 100'
Depths gas encountered: N/A
Type & amount of coke breeze used: 49 SACKS
Depths anodes placed: 385', 375', 365', 355', 345', 335', 325', 315', 305', 295'
Depths vent pipes placed: 400' OF 1" PVC VENT PIPE
Vent pipe perforations: 280'
Remarks: qb #2

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 11/15/77

Well Name <u>S.J. 28-6</u>		Location <u>SW 9-27-6</u>		CPS No. <u>681 W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>52627, 19-50-53914, 19-50-5306, 19-50-2</u>			
Anode Hole Depth <u>420 T.D. - 410</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>49 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	385'	375'	365'	355'	345'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	2.7	3.0	3.0	3.2	3.3
Anode Depth	# 6	# 7	# 8	# 9	# 10
	335'	325'	315'	305'	295'
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	3.0	2.8	2.7	2.7	3.3
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.8</u>		Amps <u>9.9</u>		Ohms <u>1.19</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

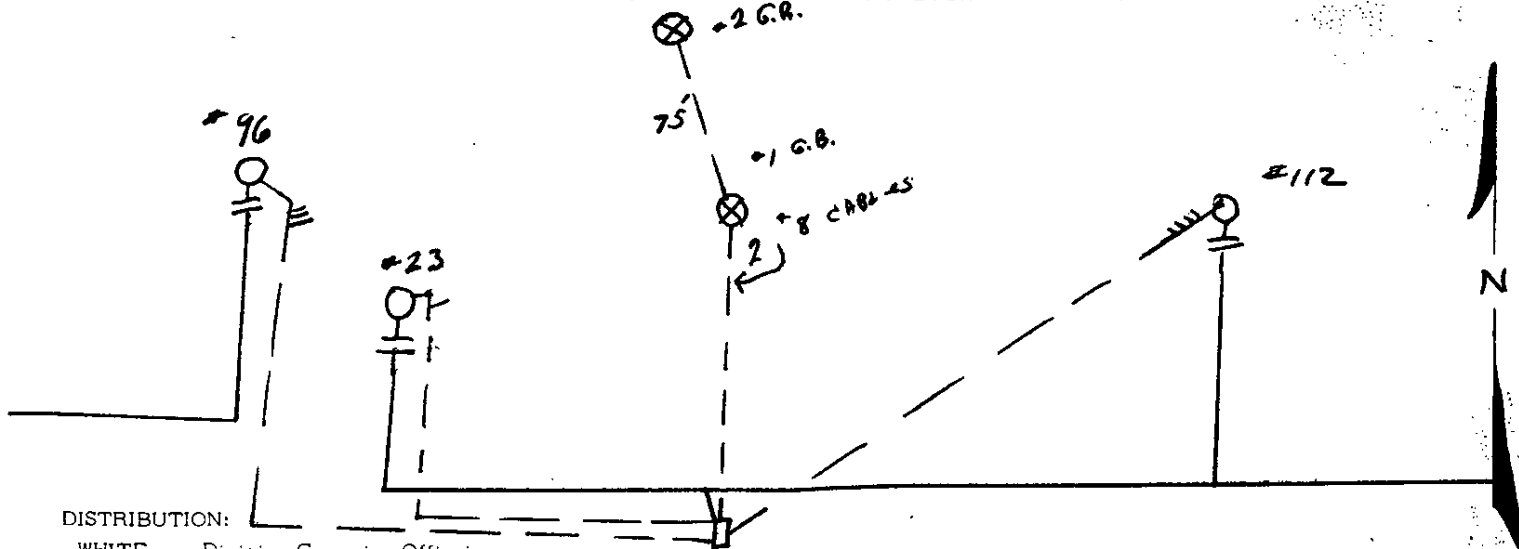
Remarks: Driller said water at 100' started injecting at 260'
400' of 1" P.V.C. Vent pipe, perforated 280'. Drilled 420', Test
Anode stopped AT 410'.

5 Anode Gnd. Bed + 5 Anodes

All Construction Completed

JC Stott
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

681 W

N.O. 52627.19
53914.19
54306.19

MW	gal/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
128.25	C ₉ 21.34
142.28	C ₁₀ 23.31

MW	MISC.	gal/mol
32.00	O ₂	3.97
28.01	CO	4.19
44.01	CO ₂	8.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.19
2.02	H ₂	3.38

100 —	310 — 1.5		
—	— 1.5 —		
10 —	20 — 1.6		
—	— 1.3 — 7		
20 —	30 — 1.3		
—	— 1.5 — 6		
30 —	40 — 1.3		
—	— 1.4 — 5		
40 —	50 — 1.7		
—	— 1.5 — 4		
50 —	60 — 1.3		
—	— 1.4 — 3		
60 —	70 — 1.4		
—	— 1.5 — 2		
70 —	80 — 1.6		
—	— 1.5 — 1		
80 —	90 — 1.5		
—	— 1.6		
90 —	400 — 1.5		
—	— 1.4		
200 —	10 — 161e depth.		
—	20 — Drilled To		
10 — .26			
— .26			
20 — .23			
— .44			
30 — .16			
— .15			
40 — .16			
— .9			
50 — .4			
— .5			
60 — .5			
— .4			
70 — .4			
— .5			
80 — 1.1			
— 1.4			
90 — 1.4			
— 1.7 —			
300 — 1.5			
5 — 1.4 —			
	1 = 385 — 1.7 — 2.7		
	2 = 375 — 1.8 — 3.0		
	3 = 365 — 1.6 — 3.0		
	4 = 355 — 1.9 — 3.2		
	5 = 345 — 1.8 — 3.3		
	6 = 335 — 1.7 — 3.0		
	7 = 325 — 1.9 — 2.8		
	8 = 315 — 1.8 — 2.7		
	9 = 305 — 1.8 — 2.7		
	10 = 295 — 2.0 — 3.3		
			99A
			11.8 V
			11.9 V

400 gal per
vent pipe
portable 100
280

Driller had water at 100' Drilled hole up
started injecting at 260'

DAILY DRILLING REPORT

LEASE

WELL NO. 6814

CONTRACTOR *Daylight Drilling Co.*

REPORT NO.

DATE 11-15-57

MORNING

Driller *[Signature]* Total Men In Crew

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

DAYLIGHT

Driller *[Signature]* Total Men In Crew

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

EVENING

Driller *[Signature]* Total Men In Crew

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

BIT NO. NO. DC SIZE LENG.
SERI. NO. STANDS
SIZE SINGLES
TYPE DOWN ON KELLY
MAKE TOTAL DEPTH
MUD RECORD MUD, ADDITIVES USED AND RECEIVED

BIT NO. NO. DC SIZE LENG.
SERI. NO. STANDS
SIZE SINGLES
TYPE DOWN ON KELLY
MAKE TOTAL DEPTH
MUD RECORD MUD, ADDITIVES USED AND RECEIVED

BIT NO. NO. DC SIZE LENG.
SERI. NO. STANDS
SIZE SINGLES
TYPE DOWN ON KELLY
MAKE TOTAL DEPTH
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

REMARKS -

REMARKS -

REMARKS -

0-2 Surface
2-20 Sandstone
20-40 Sandstone
40-60 Sandstone
60-70 Sandstone
70-100 Sandstone
100-110 Sandstone

110-120 Sandstone
120-140 Sandstone
140-150 Sandstone
150-160 Sandstone
160-180 Sandstone
180-220 Sandstone
220-240 Sandstone

240-260 Sandstone
260-280 Sandstone
280-300 Sandstone
300-320 Sandstone
320-340 Sandstone
340-360 Sandstone
360-420 Sandstone

SIGNED: Toolpusher

Company Supervisor