

955 #34 30-039-07269
#130 30-039-20574

E

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

Operator MERIDIAN OIL Location: Unit NE Sec. 32 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #34, #130

cps 1178w

Elevation 6492' Completion Date 7/22/77 Total Depth 500' 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. 350'

Depths gas encountered: N/A

Type & amount of coke breeze used: 51 SACKS

Depths anodes placed: 470', 460', 450', 440', 430', 420', 410', 390', 365', 355'

Depths vent pipes placed: 480'

Vent pipe perforations: 200'

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). ☐

Completion Date 7-22-77

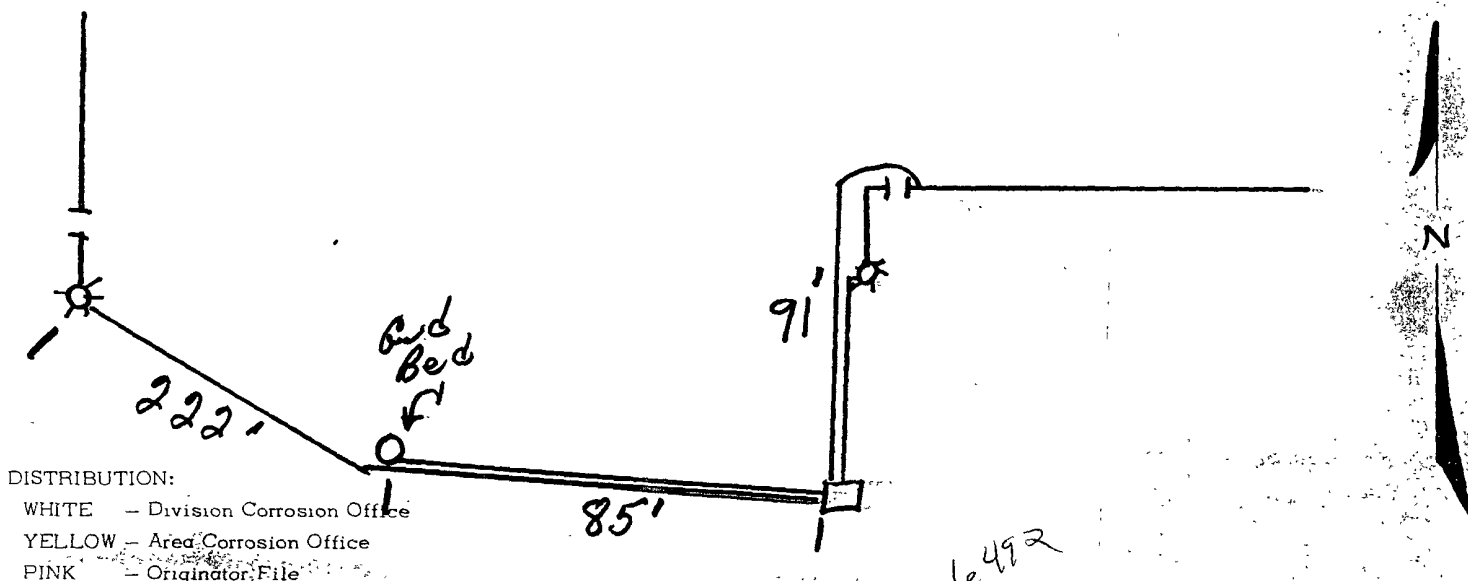
Well Name <u>SAN JUAN 28-6 Unit #34</u>		Location <u>NE 32-28-6</u>		CPS No. <u>1178 W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>#34 = 52677</u> <u>#130 = 20659</u>			
Anode Hole Depth <u>500 - 487</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>51</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>470</u>	# 2 <u>460</u>	# 3 <u>450</u>	# 4 <u>440</u>	# 5 <u>430</u>	# 6 <u>420</u>
# 7 <u>410</u>	# 8 <u>390</u>	# 9 <u>365</u>	# 10 <u>355</u>		
Anode Output (Amps)					
# 1 <u>2.9</u>	# 2 <u>2.8</u>	# 3 <u>2.5</u>	# 4 <u>2.8</u>	# 5 <u>3.9</u>	# 6 <u>3.2</u>
# 7 <u>2.4</u>	# 8 <u>2.1</u>	# 9 <u>2.6</u>	# 10 <u>2.8</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				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts <u>11.9</u>	Amps <u>12.6</u>	Ohms <u>0.94</u>			

Remarks: #34 static 600' South = 0.77, #130 static 600' E = 0.74
DRILLER SAID MAKING WATER @ 350'. PERFORATED 200' OF 1" PVC VENT
PIPE. INSTALLED 480' OF 1" PVC VENT PIPE.
SLURRIED 51 SACKS OF COKE
#34 MARKED 1 NOTCH, #130 MARKED 3 NOTCHES
60 V 30 AMP RECTIFIER & STUB POLE INSTALLED.

All Construction Completed

W Z Lueda
(Signature)

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

470
350
~~120~~
120

SAN JUAN 28-6 Unit #34
SAN JUAN 28-6 Unit #130

NE 32-28-6

1178W

53677

20659

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

Static #34 600' South = 0.77				DRILLER SAND MAKING WATER @ 350
Static #130 600' East = 0.74				STARTED INJ. @ 360'
60V30.4 P. 12.12				PERFORATED 200' OF 1" PVC VENT P.
ST#16 Pile				INSTALLED 480' OF 1" PVC VENT PIPE
				SLURRIED 51 SACKS OF COKE
350 1.7 - 500				
1.4 - ⑩				
60 1.3				
1.2 - ⑨				
70 1.1				
1.1				
80 1.1				
1.1				
90 1.2 - ⑧				
1.0				
400 .5				① 470 1.9 2.9
.5				② 460 1.6 2.8
10 1.4 - ⑦				③ 450 1.4 2.5
1.7				④ 440 1.7 2.8
20 1.8 - ⑥				⑤ 430 2.4 3.9
1.7				⑥ 420 2.1 3.2
30 1.9 - ⑤				⑦ 410 1.3 2.4
1.5				⑧ 390 1.2 2.1
40 1.5 - ④				⑨ 365 1.5 2.6
1.3				⑩ 355 1.7 2.8
50 1.2 - ③				
1.2				
60 1.4 - ②				
1.8				
70 1.5 - ①				11.9 Volts 12.6 Amps 0.94 ~
1.6				
80 1.5				
487 T.D.				
90				

DAILY DRILLING REPORT

LEASE					WELL NO. 1178W					CONTRACTOR Posey					RIG NO.					REPORT NO.					DATE 7-19-					19 77					
MORNING										DAYLIGHT										EVENING															
Driller					Total Men In Crew					Driller Posey					Total Men In Crew					Driller TD-493					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.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.											
BIT		NO. DC ____ SIZE ____ LENG. ____			BIT NO. 1 3/4		NO. DC ____ SIZE ____ LENG. ____			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			SERIAL NO.		STANDS			SERIAL NO.		STANDS													
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES													
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY													
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			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	5	Surface										85	95	Sand wet										335	350	Sand wet									
5	15	Clay										95	115	Shale										350	380	Shale									
15	50	Sand Dry										115	145	Sand wet										380	400	Sand shale									
51	60	Shale										166	210	Sand										400	480	Shale									
60	80	Sand Dry										210	265	Sand										480	560	Shale									
80	95	Shale										266	335	Shale												Shale									
REMARKS -												REMARKS -												REMARKS -											

SIGNED: Toolpusher

Company Supervisor