

892

5-30-039-07435

E

101-30-039-20054

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. 14 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #5, #101

cps 1150w

Elevation 6460' Completion Date 8/16/77 Total Depth 360' 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. 105' - 110'

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

Depths gas encountered: N/A

Type & amount of coke breeze used: 43 SACKS

Depths anodes placed: 320', 310', 300', 275', 265', 255', 155', 145', 135', 125'

Depths vent pipes placed: 320'

Vent pipe perforations: 220'

Remarks: qb #1

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 8-16-77

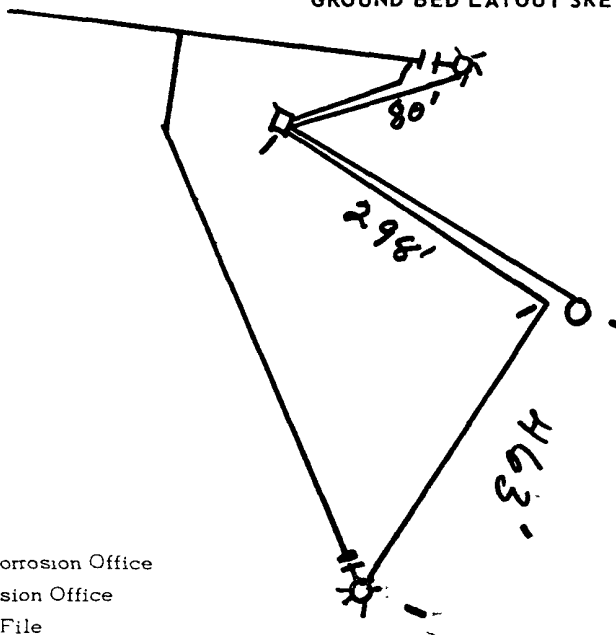
Well Name SAN JUAN 28-6 Unit # 101 # 5		Location NE 14-28-6				CPS No. 1150W													
Type & Size Bit Used 6 3/4"						Work Order No. #5 = 40008-19 #101 = 54523.19													
Anode Hole Depth 360-336		Total Drilling Rig Time		Total Lbs. Coke Used 43		Lost Circulation Mat'l Used		No. Sacks Mud Used											
Anode Depth																			
# 1	320	# 2	310	# 3	300	# 4	275	# 5	265	# 6	255	# 7	155	# 8	145	# 9	135	# 10	125
Anode Output (Amps)																			
# 1	3.2	# 2	2.2	# 3	2.0	# 4	3.7	# 5	4.0	# 6	3.5	# 7	3.2	# 8	3.6	# 9	3.5	# 10	3.1
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 11.6		Amps 12.1		Ohms 0.96		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used									

Remarks: Static #5 600' SW = 0.70, Static #101 600' NW = 0.72
Installed 10-2" x 2" x 48" Graphite Anodes, Driller said MAKING
Water between 105' & 120'. Next A.M. blew water. Perforated
220' of 1" PVC Vent Pipe. Installed 320' of 1" PVC vent pipe.
Skipped 43 sacks of coke.
Installed 60V 30A Rectifier & stub Pole

All Construction Completed

Lott & Knight
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

Ceyler

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

SAN JUAN 28-6 UNIT # 5 4008.19
SAN JUAN 28-6 UNIT # 101 NE 14-28-6 1150W 54523.19

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 ²	9.64
42.08	C3 ²	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

STATIC # 5 600' SW 0.70	DRILLER'S LOG MAKING WATER	
STATIC # 101 600' SW 0.72	BETWEEN 125' & 130' NEXT A.M.	
60V 30A RECTIFIER	BLOW WATER	
STUB POLE	PERFORATED 220' Ø 51" PVC VENT PIPE	
	INSTALLED 320' Ø 51" PVC VENT PIPE	
	SHIPPED 43 SACKS OF COKE	
110 2.1		
1.6 -	2.3 - (5)	
30 1.7		
1.2 (10)	1.1 - (4)	
30 2.0	1.7	
1.9 (9)	1.0	
40 1.6	30 1.0	
1.7 (8)	1.0	
50 2.0	-300 1.1 - (3)	
1.1 (7)	1.1	
60 .5	-10 1.2 - (2)	
.4	1.3 -	
70 .3	-20 2.0 - (1)	
.3	1.9	
80 .3	30 1.4	
.4	30 7.0	
70 .4	30	
.4		
200 .4	50	
.4		
10 .5	60	
.5		
20 .4		
.4		
30 .5		
.6		
40 .6		
.6		
50 .6		
1.5 (6)		
	12.1 AMPS	
	11.6 VOLTS	
	0.96 OHMS	

- ① 320 2.4 3.2
- ② 310 1.8 2.2
- ③ 300 1.1 2.0
- ④ 275 2.4 3.7
- ⑤ 265 2.5 4.0
- ⑥ 255 2.0 3.5
- ⑦ 155 1.8 3.2
- ⑧ 145 1.8 3.6
- ⑨ 135 1.8 3.5
- ⑩ 125 1.7 3.1

DAILY DRILLING REPORT

LEASE WELL NO. 1150 ved CONTRACTOR POW RIG NO. POW REPORT NO. 8-16 DATE 8-16 1927

MORNING				DAYLIGHT				EVENING							
Driller		Total Men In Crew		Driller		Total Men In Crew		Driller		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.	
BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	
SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	
SIZE		STANDS		SIZE		STANDS		SIZE		SIZE		STANDS		SINGLES	
TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		TYPE		DOWN ON KELLY		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		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED	
Time		Wt.		Time		Wt.		Time		Wt.		Time		Wt.	
		Vis.				Vis.								Vis.	
FROM		TO		FROM		TO		FROM		TO		FROM		TO	
12:00		12:05		12:05		12:10		12:10		12:15		12:15		12:20	
12:05		12:10		12:10		12:15		12:15		12:20		12:20		12:25	
12:10		12:15		12:15		12:20		12:20		12:25		12:25		12:30	
12:15		12:20		12:20		12:25		12:25		12:30		12:30		12:35	
12:20		12:25		12:25		12:30		12:30		12:35		12:35		12:40	
12:25		12:30		12:30		12:35		12:35		12:40		12:40		12:45	
12:30		12:35		12:35		12:40		12:40		12:45		12:45		12:50	
12:35		12:40		12:40		12:45		12:45		12:50		12:50		12:55	
12:40		12:45		12:45		12:50		12:50		12:55		12:55		1:00	
12:45		12:50		12:50		12:55		12:55		1:00		1:00		1:05	
12:50		12:55		12:55		1:00		1:00		1:05		1:05		1:10	
12:55		1:00		1:00		1:05		1:05		1:10		1:10		1:15	
1:00		1:05		1:05		1:10		1:10		1:15		1:15		1:20	
1:05		1:10		1:10		1:15		1:15		1:20		1:20		1:25	
1:10		1:15		1:15		1:20		1:20		1:25		1:25		1:30	
1:15		1:20		1:20		1:25		1:25		1:30		1:30		1:35	
1:20		1:25		1:25		1:30		1:30		1:35		1:35		1:40	
1:25		1:30		1:30		1:35		1:35		1:40		1:40		1:45	
1:30		1:35		1:35		1:40		1:40		1:45		1:45		1:50	
1:35		1:40		1:40		1:45		1:45		1:50		1:50		1:55	
1:40		1:45		1:45		1:50		1:50		1:55		1:55		2:00	
1:45		1:50		1:50		1:55		1:55		2:00		2:00		2:05	
1:50		1:55		1:55		2:00		2:00		2:05		2:05		2:10	
1:55		2:00		2:00		2:05		2:05		2:10		2:10		2:15	
2:00		2:05		2:05		2:10		2:10		2:15		2:15		2:20	
2:05		2:10		2:10		2:15		2:15		2:20		2:20		2:25	
2:10		2:15		2:15		2:20		2:20		2:25		2:25		2:30	
2:15		2:20		2:20		2:25		2:25		2:30		2:30		2:35	
2:20		2:25		2:25		2:30		2:30		2:35		2:35		2:40	
2:25		2:30		2:30		2:35		2:35		2:40		2:40		2:45	
2:30		2:35		2:35		2:40		2:40		2:45		2:45		2:50	
2:35		2:40		2:40		2:45		2:45		2:50		2:50		2:55	
2:40		2:45		2:45		2:50		2:50		2:55		2:55		3:00	
2:45		2:50		2:50		2:55		2:55		3:00		3:00		3:05	
2:50		2:55		2:55		3:00		3:00		3:05		3:05		3:10	
2:55		3:00		3:00		3:05		3:05		3:10		3:10		3:15	
3:00		3:05		3:05		3:10		3:10		3:15		3:15		3:20	
3:05		3:10		3:10		3:15		3:15		3:20		3:20		3:25	
3:10		3:15		3:15		3:20		3:20		3:25		3:25		3:30	
3:15		3:20		3:20		3:25		3:25		3:30		3:30		3:35	
3:20		3:25		3:25		3:30		3:30		3:35		3:35		3:40	
3:25		3:30		3:30		3:35		3:35		3:40		3:40		3:45	
3:30		3:35		3:35		3:40		3:40		3:45		3:45		3:50	
3:35		3:40		3:40		3:45		3:45		3:50		3:50		3:55	
3:40		3:45		3:45		3:50		3:50		3:55		3:55		4:00	
3:45		3:50		3:50		3:55		3:55		4:00		4:00		4:05	
3:50		3:55		3:55		4:00		4:00		4:05		4:05		4:10	
3:55		4:00		4:00		4:05		4:05		4:10		4:10		4:15	
4:00		4:05		4:05		4:10		4:10		4:15		4:15		4:20	
4:05		4:10		4:10		4:15		4:15		4:20		4:20		4:25	
4:10		4:15		4:15		4:20		4:20		4:25		4:25		4:30	
4:15		4:20		4:20		4:25		4:25		4:30		4:30		4:35	
4:20		4:25		4:25		4:30		4:30		4:35		4:35		4:40	
4:25		4:30		4:30		4:35		4:35		4:40		4:40		4:45	
4:30		4:35		4:35		4:40		4:40		4:45		4:45		4:50	
4:35		4:40		4:40		4:45		4:45		4:50		4:50		4:55	
4:40		4:45		4:45		4:50		4:50		4:55		4:55		5:00	
4:45		4:50		4:50		4:55		4:55		5:00		5:00		5:05	
4:50		4:55		4:55		5:00		5:00		5:05		5:05		5:10	
4:55		5:00		5:00		5:05		5:05		5:10		5:10		5:15	
5:00		5:05		5:05		5:10		5:10		5:15		5:15		5:20	
5:05		5:10		5:10		5:15		5:15		5:20		5:20		5:25	
5:10		5:15		5:15		5:20		5:20		5:25		5:25		5:30	
5:15		5:20		5:20		5:25		5:25		5:30		5:30		5:35	
5:20		5:25		5:25		5:30		5:30		5:35		5:35		5:40	
5:25		5:30		5:30		5:35		5:35		5:40		5:40		5:45	
5:30		5:35		5:35		5:40		5:40		5:45		5:45		5:50	
5:35		5:40		5:40		5:45		5:45		5:50		5:50		5:55	
5:40		5:45		5:45		5:50		5:50		5:55		5:55		6:00	
5:45		5:50		5:50		5:55		5:55		6:00		6:00		6:05	
5:50		5:55		5:55		6:00		6:00		6:05		6:05		6:10	
5:55		6:00		6:00		6:05		6:05		6:10		6:10		6:15	
6:00		6:05		6:05		6:10		6:10		6:15		6:15		6:20	
6:05		6:10		6:10		6:15		6:15		6:20		6:20		6:25	
6:10		6:15		6:15		6:20		6:20		6:25		6:25		6:30	
6:15		6:20		6:20		6:25		6:25		6:30		6:30		6:35	
6:20		6:25		6:25		6:30		6:30		6:35		6:35		6:40	
6:25		6:30		6:30		6:35		6:35		6:40		6:40		6:45	
6:30		6:35		6:35		6:40		6:40		6:45		6:45		6:50	
6:35		6:40		6:40		6:45		6:45		6:50		6:50		6:55	
6:40		6:45		6:45		6:50		6:50		6:55		6:55		7:00	
6:45		6:50		6:50		6:55		6:55		7:00		7:00		7:05	
6:50		6:55		6:55		7:00		7:00		7:05		7:05		7:10	
6:55		7:00		7:00		7:05		7:05		7:10		7:10		7:15	
7:00		7:05		7:05		7:10		7:10		7:15		7:15		7:20	
7:05		7:10		7:10		7:15		7:15		7:20		7:20		7:25	
7:10		7:15		7:15		7:20		7:20		7:25		7:25		7:30	
7:15		7:20		7:20		7:25		7:25		7:30		7:30		7:35	
7:20		7:25		7:25		7:30		7:30		7:35		7:35		7:40	
7:25		7:30		7:30		7:35		7:35		7:40		7:40		7:45	
7:30		7:35		7:35		7:40		7:40		7:45		7:45		7:50	
7:35		7:40		7:40		7:45		7:45		7:50		7:50		7:55	
7:40		7:45		7:45		7:50		7:50		7:55		7:55		8:00	
7:45		7:50		7:50		7:55		7:55		8:00		8:00		8:05	
7:50		7:55		7:55		8:00		8:00		8:05		8:05		8:10	
7:55		8:00		8:00		8:05		8:05		8:10		8:10		8:15	
8:00		8:05		8:05		8:10		8:10		8:15		8:15		8:20	
8:05															