

973

E

30-039-20576

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. 33 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUNA 28-6 UNIT #185

cps 1183w

Elevation 6694' Completion Date 7/28/77 Total Depth 339' 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. 75'

Depths gas encountered: N/A

Type & amount of coke breeze used: 34 SACKS

Depths anodes placed: 315', 290', 280', 255', 240', 230', 220', 200', 165', 155'

Depths vent pipes placed: 325'

Vent pipe perforations: 300

Remarks: gb #1 - ABANDONED A 700' HOLE. HEAVY MUD, CAVED.

DRILLER DOESN'T THINK WATER COMMUNICATION BETWEEN HOLES.

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. I
DIST. 9

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 7-28-77

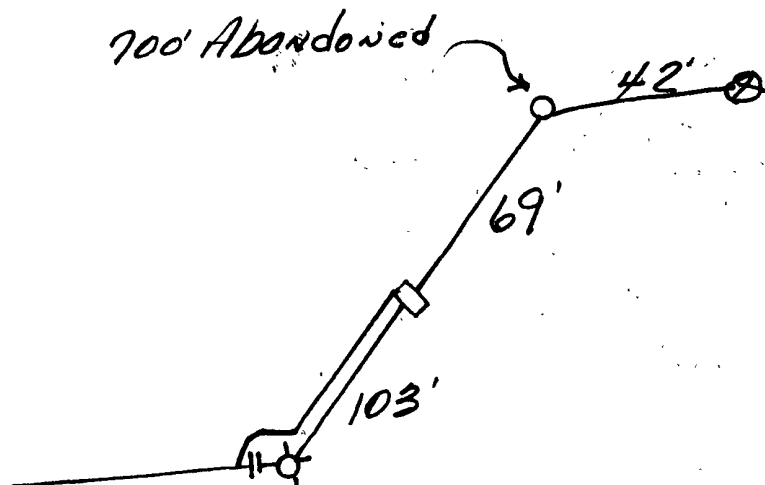
Well Name <u>SJ 28-6 #185</u>		Location <u>SE 33-28-6</u>		CPS No. <u>1183W</u>	
Type & Size Bit Used <u>6 3/4 6 1/2</u>				Work Order No. <u>20664, 19-50-20</u>	
Anode Hole Depth <u>339</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>34 COKE</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>315</u>	<u>290</u>	<u>280</u>	<u>255</u>	<u>240</u>
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	<u>230</u>	<u>220</u>	<u>200</u>	<u>165</u>	<u>155</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>12.0</u>	Amps <u>13.4</u>	Ohms <u>0.89</u>			

Remarks: STATIC 600' S = 0.78 - (OLD HOLE - DRILL TO 700'
WET AT 530 - LOG 673 - Anodes STOPPED AT 525 - GO BACK
CLEANOUT NEXT DAY - WATER AT 460 OVER WEEKEND
MIX MUD & CIRCULATE FROM M.T.D. LOG 515 T.D. ABANDONED
HOLE) - MOVE 42' & DRILL TO 80' - BLEW WATER OUT
NEXT AM - DRILLER DOESN'T THINK WATER COMMUNICATED
BETWEEN HOLES (HEAVY MUD)
VENT TO 325 - PERF 300'

All Construction Completed

Sorels
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6664

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: _____ of _____
Date: _____
By: _____
File: _____

S.J. 28-6 #185- 1183W

MW		gals/mol
18.04	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

75	80	90	100	10	20	30	40	50	60	70	80	90	200	10	20	30	40	50	60	70	80	90
					</																	

89
 $134 / 12.00 = 11.17$
 $13.4A \times 0.89 = 11.88$
 11.88

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

5J28-6#185-1183W

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

70
74
78
82
86
90
94
98
102
106
110
114
118
122
126
130
134
138
142

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

525	1.2	460	1.0	9					
30	1.1	65	1.2	1.1					
	9	70	1.3	1.4					
40	9		1.3	1.6					
	9	80	T.D.	1.7					
50	9			1.4					
	9	90		1.3					
60	8			1.2					
	8	500		1.4					
70	1.2			1.5					
	1.4	10		1.9					
80	1.4			T.D.					
	1.2	20							
	1.2								
	1.0	30							
600	1.0								
	1.2	40							
10	1.4								
	1.6	50							
20	1.4								
	1.3	60							
30	1.6								
	1.8	70							
40	1.8								
	1.8	80							
50	1.8	1.6							
	1.7	90							
60	1.6								
	1.7	500							
70	1.6								
	1.4								
673 T.D.		10							
80									
		20							
90									
		30							
100									
		40							
		50							
		60							
		70							
		80							

Wtr. at 525- when
Got pipe out of HOLE
Hole Caved -
Water Week END
at 460
Mud up & Circulate
Got to 575
ABANDONED HOLE

ABANDONED
HOLE

1
2
3
4
5
6
7
8
9
10

LEASE	WELL NO. <u>1183W</u>	CONTRACTOR <u>O'Brien</u>	RIG NO.	REPORT NO.	DATE <u>July 29</u>	19 <u>77</u>
MORNING	DAYLIGHT		EVENING			

SIGNED: Toolpusher _____ Company Supervisor _____