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30-039-07386

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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. 23 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #49

cps 1127w

Elevation 7461' Completion Date 10/31/77 Total Depth 320' 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. 110'

Depths gas encountered: N/A

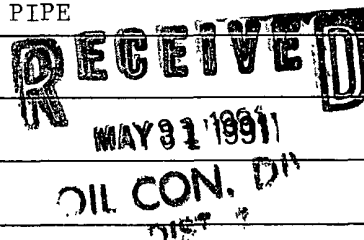
Type & amount of coke breeze used: 43 SACKS

Depths anodes placed: 290', 280', 245', 235', 225', 215', 195', 185', 175', 165'

Depths vent pipes placed: 300' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #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 10-31-77

Well Name SAN JUAN 28-5 UNIT #49		Location NE 23-28-5		CPS No. 11274	
Type & Size Bit Used 6 3/4"				Work Order No. 54079.19	
Anode Hole Depth 320 Logged 312	Total Drilling Rig Time	Total Lbs. Coke Used 43	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 290	# 2 280	# 3 245	# 4 235	# 5 225	# 6 215
# 7 195	# 8 185	# 9 175	# 10 165		
Anode Output (Amps)					
# 1 4.2	# 2 4.3	# 3 3.5	# 4 4.4	# 5 3.8	# 6 3.4
# 7 3.0	# 8 4.0	# 9 3.5	# 10 3.8		
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. 12 C.P. Cable Used	
Volts 11.7		Amps 15.6		Ohms 0.75	

Remarks: Static 600' N = 0.73. DRILLER SAID MAKING WATER @ 110'
DRILLED TO 140. NEXT A.M. BLEW WATER. INSTALLED 300' OF 1" PVC VENT PIPE.
PERFORATED 200' OF 1" PVC VENT PIPE. SLURRIED 43 SACKS OF COKE

INSTALLED 40V 16A RECTIFIER & STUB POLE

All Construction Completed

R. Z. Loutch
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

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

180

290
180
110

SAN JUAN 28-5 UNIT #49 NE 23-28-5 1127W 54079.19

STATIC 600' N = 0.73		DRILLER SAID MAKING WATER @ 110	
		Installed 2 300' of 1" PVC vent pipe	
		Perforated 200' of 1" PVC vent pipe	
		SHIPPED 43 SACKS OF COKE	
100	60 .1		
	.3		
10	70 .6		
	.8		
20	80 1.5		
	2.0		
30	90 1.9		
	1.9		
40	300 2.0		
10	2.2		
50 1.0	10		
1.1 -	312 T.D.		
60 1.4	20		
1.6 - ⑩			
70 1.6			
1.6 - ⑨			
80 1.5			
1.7 - ⑧			
90 1.8			
1.7 - ⑦			
200 1.0		① 290 2.4	4.2
.2		② 280 2.3	4.3
10 .1		③ 245 2.0	3.5
1.0 ⑥		④ 235 2.4	4.4
20 1.6		⑤ 235 1.9	3.8
1.5 - ⑤		⑥ 215 1.8	3.4
30 1.8		⑦ 195 1.9	3.0
1.9 - ④		⑧ 185 2.3	4.0
40 1.7		⑨ 175 2.0	3.5
1.6 - ③		⑩ 165 2.1	3.8
50 .9			
.2			
		11.7 VOLTS	
		15.6 AMPS	
		0 HRS	

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

DAILY DRILLING REPORT

LEASE			WELL NO. 11274			CONTRACTOR			RIG NO.			REPORT NO.			DATE 10-28-77					
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.		STANDS		SINGLES		DOWN ON KELLY		TOTAL DEPTH		SER. NO.		STANDS		SINGLES		DOWN ON KELLY		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						
REMARKS -					REMARKS -					REMARKS -										
0-5 Surface					110-120 Sand wet mud					Drilled 320										
5-20 Sandy clay					120-140 Sandy shale					Logged 312										
20-53 Shale					140-160 Shale					TAP 314										
55-60 Sand wet					160-180 Sandy shale					280-300 Shale										
60-80 Sandy shale					180-210 Shale					300-320 Sandy shale										
80-100 Shale					210-230 Sandy shale															
100-110 Sandy shale					230-260 Shale															
					260-280 Sandy shale															

SIGNED: Toolpusher

____ Company Supervisor