

866

30-039-20358

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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 SE Sec. 8 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #85

cps 1106w

Elevation 6529' Completion Date 10/12/77 Total Depth 470' 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. 120'-145', 175'-190'

Depths gas encountered: N/A

Type & amount of coke breeze used: 50 SACKS

Depths anodes placed: 420', 360', 350', 340', 270', 260', 250', 240', 230', 220'

Depths vent pipes placed: 425' OF 1" PVC

Vent pipe perforations: 220'

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 10-12-77

Well Name SAN JUAN 28-5 Unit #85		Location SE 8-28-5		CPS No. 1106W	
Type & Size Bit Used 6 3/4"		Total Drilling Rig Time		Work Order No. 54812.19	
Anode Hole Depth 470		Total lbs. Coke Used 50		Lost Circulation Mat'l Used	
Anode Depth 451				No. Sacks Mud Used	
#1 420	#2 360	#3 350	#4 340	#5 270	#6 260
#7 250	#8 240	#9 230	#10 220	#11 150	#12 135
#13	#14	#15	#16	#17	#18
#19	#20				
Anode Output (Amps) #1 3.0 #2 3.2 #3 3.8 #4 3.5 #5 2.9 #6 3.0 #7 2.9 #8 3.0 #9 3.1 #10 2.8					
Anode Depth #11 150 #12 135 #13 #14 #15 #16 #17 #18 #19 #20					
Anode Output (Amps) #11 5.5 #12 3.4 #13 #14 #15 #16 #17 #18 #19 #20					
Total Circuit Resistance Volts 11.7 Amps 14.3 Ohms .82					
		PLATINUM Volts 11.7 AMPS 6.4 OHMS 1.83			

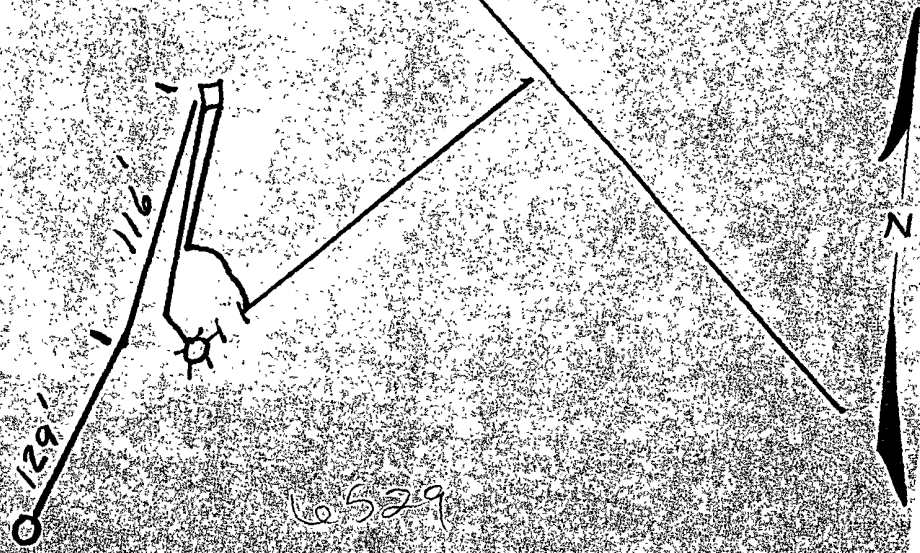
Remarks: **Static 600' W = 0.67. Installed 10 DURIION & 2 PLATINUM ANODES. LORESCO COKE AROUND PLATINUM ANODES. PERFORATED 220' O.S.I. PVC VENT PIPE. INSTALLED 425' O.S.I. PVC VENT PIPE. SKURRYED 50 SACKS O.S. COKE. Note: PLATINUM ANODES TAPED TO VENT PIPE. Note: ONLY PLATINUM ANODES CONNECTED IN JUNCTION BOX. DURIION ANODES INSIDE JUNCTION BOX BUT NOT CONNECTED.**

All Construction Completed

Lutz & Lovels
(Signature)

GROUND BED LAYOUT SKETCH

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



6529

SAN JUAN 28-5 Unit #85 SE 8-28-5 1106W 54812.19

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 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

Static 600' W = 0.67
 10-Duriron Anodes
 2-Platinum Anodes
 60V 30A Rectifier
 Stub Pole

DRILLER SAND MAKING WATER @
 121'
 Perforated 280' 5" PVC Vent Pipe
 Installed 425' 1" PVC Vent Pipe
 Slurried 50' Sacks of Coke
 Slurried 10 Sacks of Hiresco Coke

120	1.0	90	.5	60
30	1.0	300	.3	70
20	1.4 - (12)		.6	
40	2.0	10	.6	
50	2.1		.5	
50	1.5 - (11)	20	.5	
60	1.1		.9?	
60	1.3	30	1.0	
70	1.2		1.2	
70	.2	40	1.3 - (4)	
80	.3	50	1.8 - (5)	
90	.4		1.6	
90	.5	60	1.6 - (2)	

DRILL 470 - 11/18/1967
 A.M. at 130'

Coke to 160

Vent to Below Platinum
 Anodes -

11.7 volts } 2-Platinum
 6.4 AMPS
 1.83 OHMS

200	.7	70	1.1	① 420	1.6	3.0
10	.8	80	.8	② 360	1.6	3.2
10	.9		.4	③ 350	1.7	3.8
10	.9		.2	④ 340	1.6	3.5
10	1.2		.3	⑤ 270	1.4	2.9
20	1.2 - (10)	90	.5	⑥ 260	1.4	3.0
30	1.2		1.0	⑦ 250	1.5	2.9
30	1.5 - (9)	400	.8	⑧ 240	1.6	3.0
40	1.2		.7	⑨ 230	1.6	3.1
40	1.5 - (8)	10	.6	⑩ 220	1.4	2.8
50	1.3		.6			
50	1.4 - (7)	20	1.3 - (1)			
60	1.4		1.5	⑪ 150	1.2	5.1 5.5
60	1.3 - (6)	30	1.5	⑫ 135	1.0	7.2 3.4
70	1.3		1.2			
70	1.2 - (5)	40	1.1	11.7 Volts	10 DURIION ANODES	
80	.5		1.3	14.3 AMPS		
80	.7	450	1.5 T.D.	.82 ohms		
90	.7					

16.6
 11.7

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE _____ WELL NO. 1106 CONTRACTOR Gray Drilling Co. RIG NO. _____ REPORT NO. _____ DATE 10-12 1977

MORNING

DAYLIGHT

EVENING

Driller: _____ Total Men In Crew _____

Driller: Albert S. Reese Total Men In Crew _____

Driller: _____ Total Men In Crew _____

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Driller: _____ Total Men In Crew _____

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NO. DC _____ SIZE _____ LENG. _____
NO. DC _____ SIZE _____ LENG. _____
STANDS _____
SINGLES _____
DOWN ON KELLY _____
TOTAL DEPTH _____
MAKE _____

NO. DC _____ SIZE _____ LENG. _____
NO. DC _____ SIZE _____ LENG. _____
STANDS _____
SINGLES _____
DOWN ON KELLY _____
TOTAL DEPTH _____
MAKE _____

MUD RECORD _____ MUD, ADDITIVES USED AND RECEIVED _____

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SIGNED: Toolpusher _____

Company Supervisor _____