

#21 - 30-039-07239

E

885

#72 - 30-039-20028

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

Operator MERIDIAN OIL Location: Unit SW Sec. 35 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #21, #72

cps 1143w

Elevation 6627' Completion Date 9/26/77 Total Depth 200' 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. 80'

Depths gas encountered: N/A

Type & amount of coke breeze used: 30 SACKS

Depths anodes placed: 160', 150', 140', 130', 120', 110', 100', 90'

Depths vent pipes placed: 200'

Vent pipe perforations: 150'

Remarks: gb #2

RECEIVED
MAY 31 1991
OIL CON. DIV. I
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 9-26-77

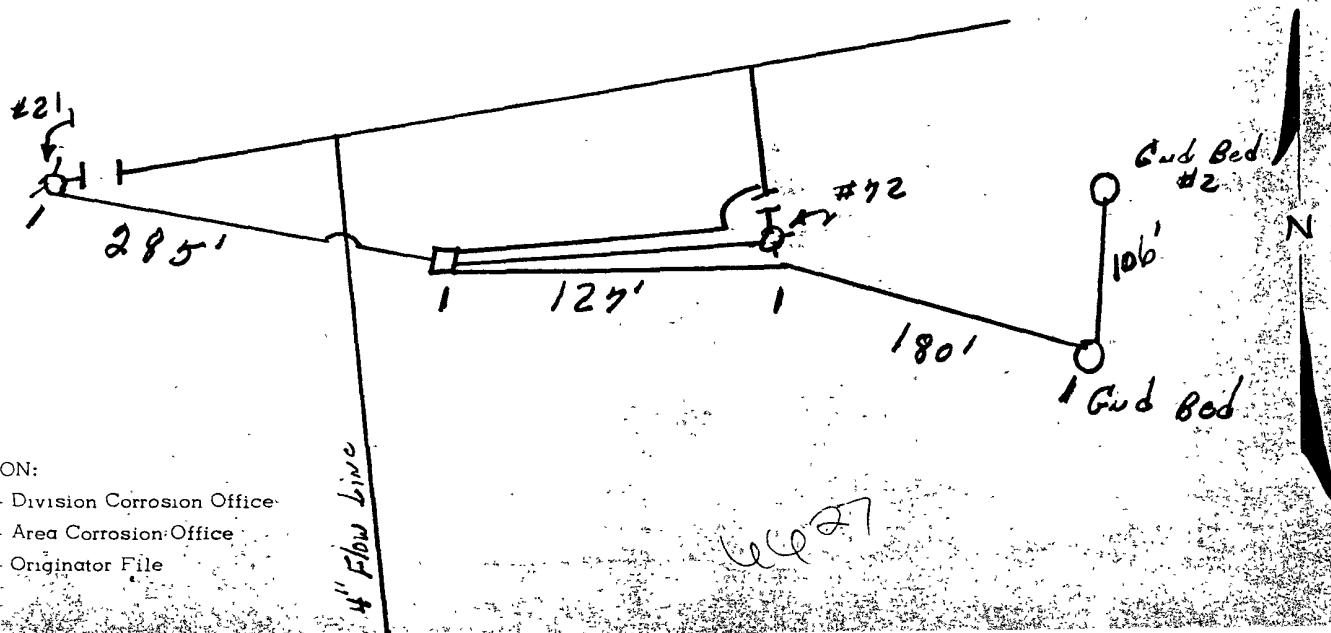
Well Name <u>SAN JUAN 28-5 UNIT # 72</u>		Location <u>SW 35-28-5</u>		CPS No. <u>1143W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>#21 40464.19</u>		<u>#72 54511.19</u>	
Anode Hole Depth <u>340</u> <u>Logged - 324</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>30</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>245</u>	# 2 <u>235</u>	# 3 <u>160</u>	# 4 <u>150</u>	# 5 <u>140</u>
Anode Output (Amps)	# 1 <u>2.7</u>	# 2 <u>2.5</u>	# 3 <u>3.1</u>	# 4 <u>3.9</u>	# 5 <u>4.4</u>
Anode Depth	# 6 <u>130</u>	# 7 <u>120</u>	# 8 <u>110</u>	# 9 <u>100</u>	# 10 <u>90</u>
Anode Output (Amps)	# 6 <u>4.1</u>	# 7 <u>4.7</u>	# 8 <u>4.7</u>	# 9 <u>4.2</u>	# 10 <u>3.2</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.2</u>		Amps <u>12.8</u>		Ohms <u>0.88</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: Static #21 600 SE = 0.83. Static #72 600'S = 0.77. Driller said
MAKING WATER @ 120 to 130'. Installed 260' of 1" PVC Vent Pipe. Perforated 220'. Installed
5 Anodes. COKE AROUND #1 & #2 Anodes. Hole CAVED. Moved over & DRILLED #2 CUB BED.
DRILLER SAID MAKING WATER @ 80'. Installed 200' of 1" PVC Vent Pipe. Perforated
150' of 1" PVC Vent Pipe. #72 MARKED 1 notch #21 MARKED 3 notches. Shuttered 3
Installed 60V 30A Rectifier & Stub Pole
SACKS OF COKE

All Construction Completed

W Z Louie
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

SAN JUAN 28-5 UNIT # 21

40464.19

SAN JUAN 28-5 UNIT # 72

SW 35-28-5

1143W

54511.19

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 ²	9.64
42.08	C ₃ ²	9.67

120
125
132
138
144
150
156
173

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

	8'	
120		120
127		128
134		134
141		142
148		150
155		158
162		166
168		174

Static #21	600' SE =	0.83		Driller said MAKING WATER @
Static #72	600' S	0.77		120 to 130'
60V30A Rectifier Stub Pole				Percutated 200' Ø 1" PVC vent Pipe Installed 200' Ø 1" PVC vent Pipe Slurped sacks of CORC.
				(Gnd Bed ±)
120	2.7	70	.4	
	2.5		.5	
30	2.2	80	.6	
	2.1		.6	
40	2.4	90	.5	
	2.4		.5	
50	2.3	300	.6	Covered 2 Annodes with CORC
	2.3 (10)		.6	Hole CAVED.
60	2.4	10	1.8	
	2.1 (9)		1.8	
70	1.7	20	1.8	
	1.8 (8)	324	T.D.	
80	2.3	30		
	2.1 (7)			
90	1.5	40		
	1.6 (6)			
200	2.1			① 245 - 1.9
	2.1 (5)			② 235 - 1.8
10	2.2			③ 225 - 1.7
	2.1 (4)			④ 215 - 2.2
				⑤ 205 - 2.3
20	1.5			⑥ 195 - 2.0
	1.5 (3)			⑦ 185 - 2.2
30	1.4			⑧ 175 - 2.3
	1.4 (2)			⑨ 165 -
40	1.7			⑩ 155 -
	1.5 (1)			
50	1.2			
	1.1			
60	.7			
	.4			

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE _____ WELL NO. 1143W CONTRACTOR Posey Drilling Co. RIG NO. _____ REPORT NO. _____ DATE 9-26-77 19__

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.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.					
0	15	surface																											
15	65	hard silt																											
65	85	sand wet																											
85	200	shale																											

Driller: Albert P. Posey Total Men In Crew: 196 ft

NO. DC _____ SIZE _____ LENG. _____

BIT NO. _____

SER. NO. _____

SIZE _____

TYPE _____

MAKE _____

TOTAL DEPTH _____

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

TIME BREAKDOWN

FROM	TO

REMARKS -

Drilled 200 ft
Logged 193 ft
Making water 65-85 ft
Circulated 40 ft

SIGNED: Toolpusher _____

Company Supervisor _____

SIGNED: Toolpusher

____ Company Supervisor