

945 #28 30-039-07409
#159 30-039-20380
#405 30-039-24661

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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 SW Sec 18 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #28, #159, #405
cps 1158w

Elevation 6632' Completion Date 7/7/77 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. 40' & 280'

Depths gas encountered: N/A

Type & amount of coke breeze used: 42 SACKS

Depths anodes placed: 245', 235', 225', 215', 205', 180', 140', 130', 120', 110'

Depths vent pipes placed: 250'

Vent pipe perforations: 210'

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.

Drilling Log (Attach Hereto). ☐

Completion Date 7-7-77

Well Name S.J. 28-6 Unit # 28 S.J. 28-6 Unit # 159				Location SW 18-28-6				CPS No. 1158W			
Type & Size Bit Used 6 3/4"								Work Order No. #28= 52747 #159= 54897			
Anode Hole Depth logged 320 - 312		Total Drilling Rig Time		Total Lbs. Coke Used 42		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth											
# 1 245	# 2 235	# 3 225	# 4 215	# 5 205	# 6 180	# 7 140	# 8 130	# 9 120	# 10 110		
Anode Output (Amps)											
# 1 2.7	# 2 3.0	# 3 4.2	# 4 4.4	# 5 4.3	# 6 3.4	# 7 3.2	# 8 3.8	# 9 3.0	# 10 3.2		
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. 2 C.P. Cable Used			
Volts 12.0		Amps 14.4		Ohms 0.84							

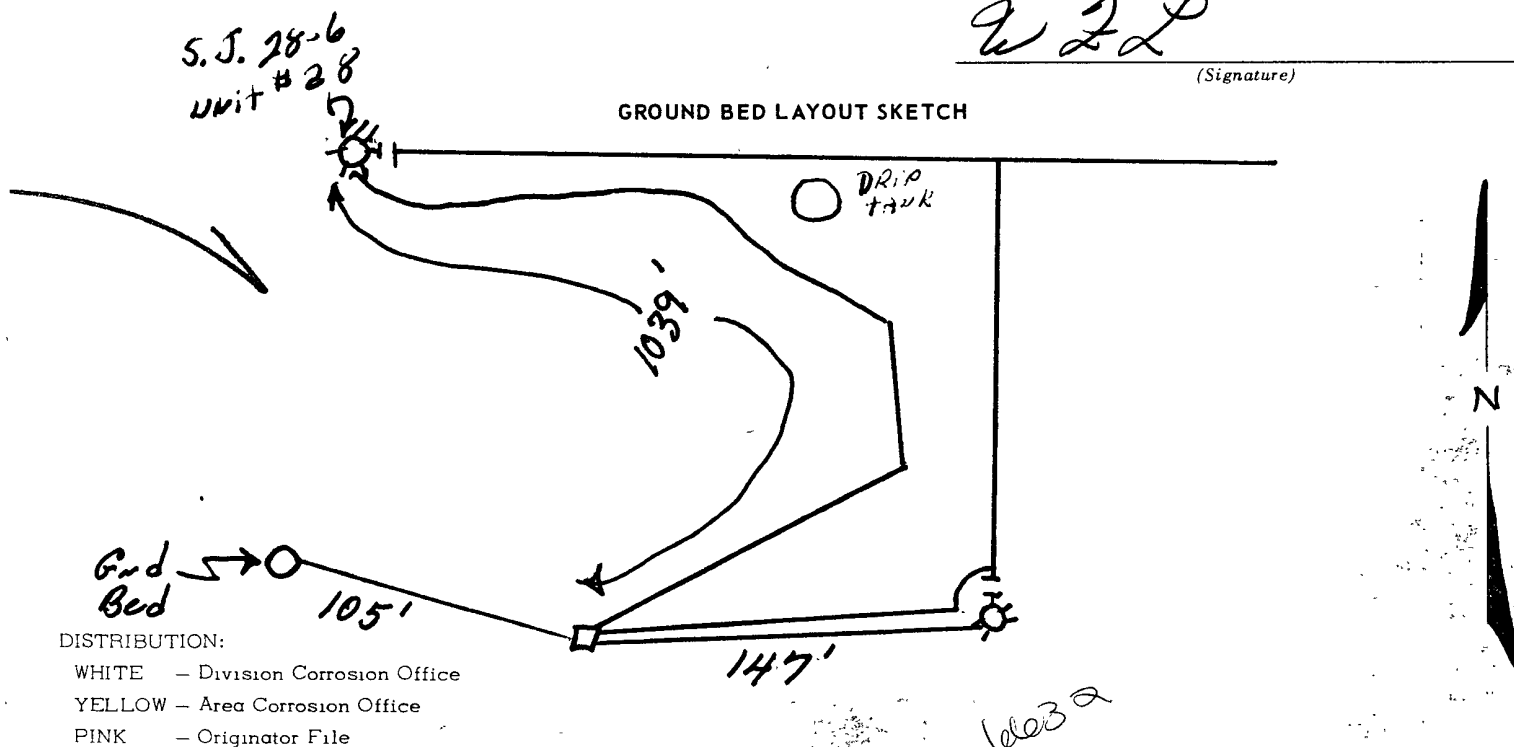
Remarks: Static #28 600'S = 0.84, Static #159 600'NW = 0.83
Driller said wct @ 40'. Drilled to 180'. Next AM water standing
@ 40'. Drilled to 320'. Logged Hole. After 30 minutes water @ 280'.
Perforated 210' of 1" PVC Vent Pipe. Installed 250' of 1"
PVC Vent Pipe. Slurried 42 sacks of coke.

All Construction Completed

222

(Signature)

GROUND BED LAYOUT SKETCH



SAN JUAN 28-6 UNIT #28
" " 28-6 UNIT #159

SW 14-28-6

1158W

52747

54897

DRILLER SAID WAT @ 40'
 DRILLED TO 180' next AM
 DRILLER SAID WATER STANDING
 @ 40' DRILLED TO 320'
 LOGGED HOLE AFTER 30 MIN
 WATER STANDING @ 280'
 PERFORATED 210' OF 1" PVC VENT PIPE
 INSTALLED 250' OF 1" PVC VENT PIPE
 SHIPPED 42 SACKS OF COKE

STATIC #28 = 0.84
 STATIC #159 = 0.83

①	245-	1.7	-	2.7
②	235-	2.0	-	3.0
③	225-	2.7	-	4.2
④	215-	2.7	-	4.4
⑤	205-	2.3	-	3.8
⑥	180-	1.9	-	3.4
⑦	140-	1.7	-	3.2
⑧	130-	2.3	-	3.8
⑨	120-	1.7	-	3.0
⑩	110-	2.0	-	3.2

14.4 Amps 12.0 VOLTS

0.84 ohms

6/3/3

0.84
 12.0
 11.52
 1.48
 4.32
 48

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 0.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₈ 15.57
142	IC ₇ 15.5
156	C ₉ 17.46
170	C ₁₀ 19.38
184	C ₁₁ 9.64
198	C ₁₂ 9.67

MW	WISC	gas/mol
44	CO ₂	5.34
44	H ₂ O	5.17
28	N ₂	4.16
2	H ₂	3.38

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor ____