

E

#40 30-039-~~82~~82382
\$75 #77 30-039-20106

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. 27 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #40, #77

cps 1135w

Elevation 6919' Completion Date 10/20/77 Total Depth 540. 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. 460' - 480'

Depths gas encountered: N/A

Type & amount of coke breeze used: 57 SACKS

Depths anodes placed: 420', 410'

Depths vent pipes placed: 430' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: qb #2. UNABLE TO COKE ANODES. HOLE CAVED. HOLE BRIDGED ABOVE ANODE

#13. qb #2

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.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date **10-20-77**

Well Name SAN JUAN 28-5 Unit # 40		Location NE 27-28-5		CPS No. 1135W	
Type & Size Bit Used 6 3/4"				Work Order No. # 40 = 53963.19 # 77 = 54557.19	
Anode Hole Depth Logged 632	Total Drilling Rig Time	Total Lbs. Coke Used 68	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 600	# 2 590	# 3 580	# 4 570	# 5 560	# 6 550
# 7 540	# 8 520	# 9 490	# 10 485		
Anode Output (Amps)					
# 1 2.7	# 2 3.3	# 3 2.4	# 4 4.2	# 5 4.2	# 6 2.5
# 7 3.6	# 8	# 9	# 10 3.7		
Anode Depth					
# 11 475	# 12 420	# 13 410	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance					
Volts 11.8	Amps 8.2	Ohms 1.4		No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: **Static # 40 600' NE = 0.72. Static # 77 600' NE = 0.71.**

Installed 10 2"x2"x48" Graphite Anodes. Perforated 220' of 1" PVC Vent Pipe
Installed 620' of 1" PVC Vent Pipe. Slurried 68 sacks of coke. Hole caved in
before Anode # 8 was covered with coke. Installed Anodes # 9, # 10 & # 11. no coke
on Anodes # 9 & # 11. Drilled offset Gnd Bed.

Installed 60V 30A Rectifier & Stub Pole.

Anodes # 12 & # 13 in Gnd Bed # 2. Hole Bridged.

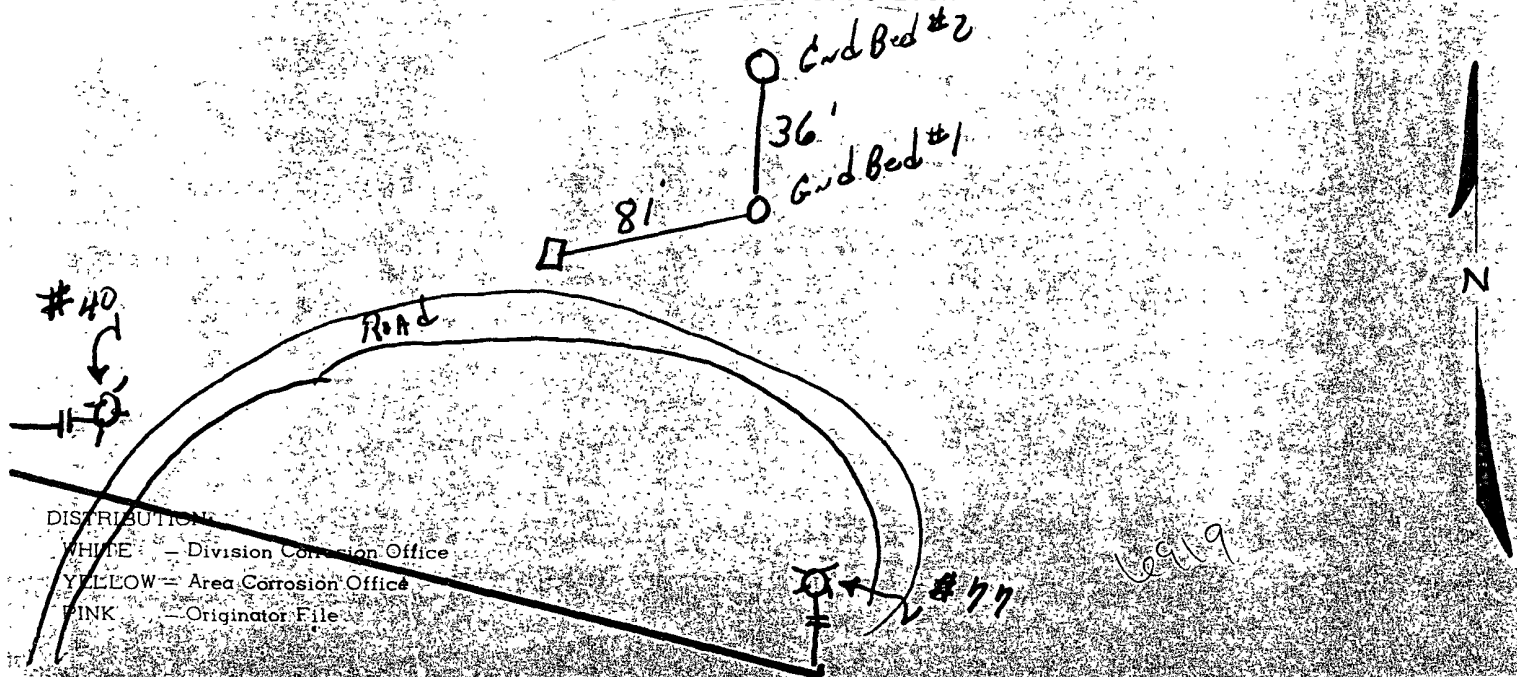
5 Anode Gnd Bed Plus 3 EXTRA Anodes
to Help GENERATE

All Construction Completed

W. L. Smith

(Signature)

GROUND BED LAYOUT SKETCH



Hole #1

SAN JUAN 28-5 UNIT # 40

53963.19

SAN JUAN 28-5 Unit # 77

NE 27-28-5

1135W

54557.19

MW	gals/mol	
18.04	C ₁	6.4
30.07 ^{33a}	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

MISC.		
MW		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

[illegible]

Hole #2
SAN JUAN 28-5 Wn + #40 577 NE 27-28-5 1135w

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 ²	9.64
42.08	C3 ²	9.67

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

[illegible]

DATE 10-9 1911

EVENING

NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.
BIT	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	BIT NO.
SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.
SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE
TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE
MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE
MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD	MUD, ADDITIVES USED AND RECEIVED	MUD RECORD

[illegible]

REMARKS -

820-340 544/c
570 sep 570 544/c
560-380 544/c

MORNING

WELL NO. 1135W

CONTRACTOR	
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George Mullins Co RIG NO. 1
DAYLIGHT

REPORT NO.

EVENING

DATE 10-14-77 19

SIGNED: Toolpusher

Company Supervisor