

1238

E

30-039-21905

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. 34 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #98A

cps 149lw

Elevation 6364 Completion Date 8/5/80 Total Depth 340' 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. 200'

Depths gas encountered: N/A

Type & amount of coke breeze used: 34 SACKS

Depths anodes placed: 315', 305', 290', 280', 270', 260', 250', 240', 230', 220'

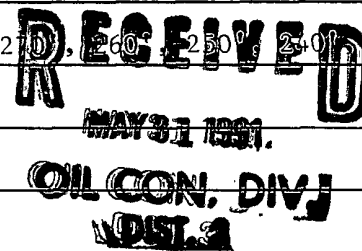
Depths vent pipes placed: 340'

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.



8 hr. Reg

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 8-5-80

Well Name SJ 30-6 #988		Location SE 34-30-7		CPS No. 1491-W	
Type & Size Bit Used 6 3/4				Work Order No. 57588-21	
Anode Hole Depth 340' logged 340'	Total Drilling Rig Time	Total Lbs. Coke Used 34 Sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 315	# 2 305	# 3 290	# 4 280	# 5 270	# 6 260
# 7 250	# 8 240	# 9 230	# 10 220		
Anode Output (Amps)					
# 1 3.1	# 2 3.3	# 3 2.9	# 4 3.5	# 5 3.4	# 6 2.5
# 7 2.8	# 8 4.3	# 9 3.9	# 10 2.8		
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. 2 C.P. Cable Used	
Volts 10.7	Amps 15.6	Ohms .68			

Remarks: **STATIC 600' E = .90 UNION OK**

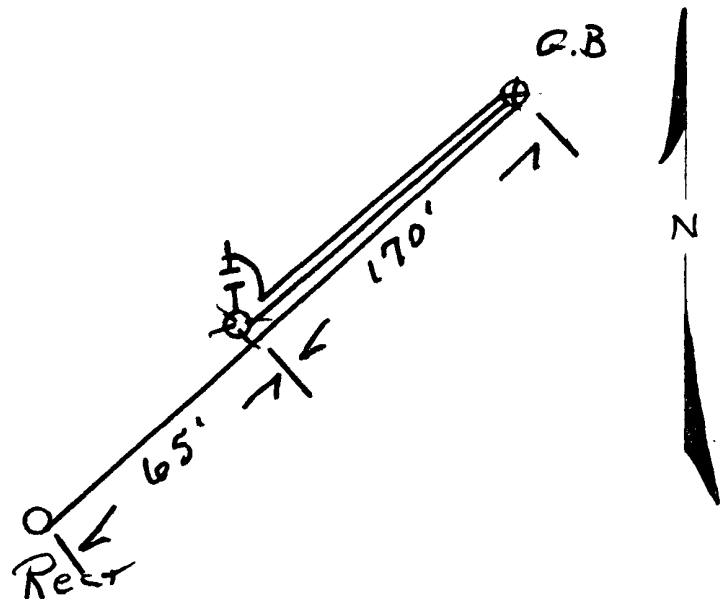
DRILLER said wet at 200', waited 30 min., Blew mud balls
Installed 340' of 1" VENT Pipe, Perforated 200' of VENT Pipe

- 1 10' STUB Pole ✓
- 1 40V 16A Rect ✓
- Ditch + 1 cable - 235' ✓
- EXTRA cable - 370' ✓
- Hole Depth - 160' ✓

GROUND BED LAYOUT SKETCH

All Construction Completed

Walter Lought Jr.
(Signature)



DISTRIBUTION:

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

6364

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet. of
Date. 8-5-81
By. WK
File

SJ 30-6 # 98A
SE 34-30-7
CPS 1491 W
W/O 57588-21

STATIC 600' E-90
UNION - OK

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	9.64
42.08	C ₃	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

1 10' STUB Pole
1 40V 16A FECT
Ditch + 1 cable 235'
EXTRA cable 370'
Hole Depth - 160'

DRILLER Said WET
AT 200' WAITED
30min, Blew mud
Balls, NO WATER
SAMPLE. INSTALLED
340' of 1" VENT Pipe
PERFORATED 200' of VENT
Pipe. STORRYED 34
SACKS of COKE

200 2.6
05 1.8
10 2.0
15 2.0
20 1.6 ⑩
25 2.1
30 2.1 ⑨
35 1.8
40 2.2 ⑧
45 2.2
50 1.6 ⑦
55 1.2
60 1.4 ⑥
65 1.7
70 1.8 ⑤
75 1.9
80 1.7 ④
85 1.7
90 1.4 ③
95 1.1
300 1.6
05 1.7 ②
10 2.0
15 1.7 ①
20 2.0
25 1.7
30 1.1
35 1.7 -
40 1.7

① 315 1.8 3.1
② 305 1.8 3.3
③ 290 1.5 2.9
④ 280 1.8 3.5
⑤ 270 2.0 3.6
⑥ 260 1.4 2.5
⑦ 250 1.7 2.8
⑧ 240 2.6 4.3
⑨ 230 2.4 3.9
⑩ 220 1.8 2.8

10.7 V 15.6 A .68 n