

992

E

30-039-21693

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. 35 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #4A

cps 1415w

Elevation 6513 Completion Date 9/11/79 Total Depth 400' 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. 210'

Depths gas encountered: N/A

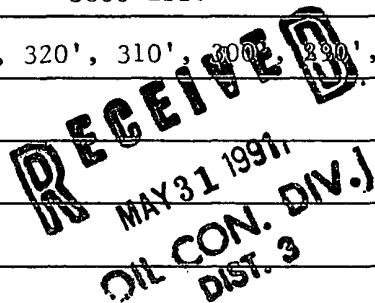
Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 360', 350', 340', 330', 320', 310', 300', 290', 280', 270'

Depths vent pipes placed: 380'

Vent pipe perforations: 280'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

CONTRACT 2

Drilling Log (Attach Hereto) ☐

Completion Date 9-11-79

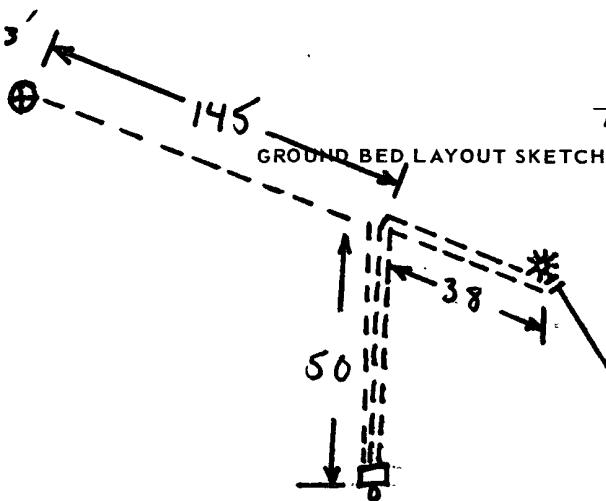
Well Name SJ 30-6 #4A		Location SE 35-30-6		CPS No. 1415 W	
Type & Size Bit Used 6 3/4		2" x 60" Duriron		Work Order No. 57416.21	
Anode Hole Depth 400-390+D	Total Drilling Rig Time	Total Lbs. Coke Used 3800	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 360	# 2 350	# 3 340	# 4 330	# 5 320
Anode Output (Amps)	# 1 2.1	# 2 2.9	# 3 2.8	# 4 2.8	# 5 2.6
Anode Depth	# 6 310	# 7 300	# 8 290	# 9 280	# 10 270
Anode Output (Amps)	# 6 2.2	# 7 2.6	# 8 3.1	# 9 2.8	# 10 3.3
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.5		Amps 12.8		Ohms .9
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: ST 4/5 NW = .97 WATER AT 210 FT APPROX 26AL PER MIN
DRILLED 400 FT LOGGED 390 FT INSTALLED 380 FT
VENT PIPE WITH 280 FT PERFORATIONS SLURRIED
38 SACKS OF COKE

Hole depth = 110'
METER POLE
400 16A RECT
DITCH + CABLE = 233'
EXTRA CABLE = 163'

All Construction Completed

Robert J. Babnick
(Signature)



DISTRIBUTION:

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

6503

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 9-11-79
By: EAS
File: 1415W1415W SE 35-30-6
SS 30-6 #4A 57416.21
ST% 600' NW = .97 UNION OK FL=1.03

9-11-79 - 11 hrs

WATER AT 210 FT Drilled
400 FT WITH 6 3/4 IN B.T
Logged 390 INSTALLED
380 FT VENT PIPE WITH
280 FT Perforated slurred
38 SALKS OF COKECharged 1-10 FT stalk
conduit to this location
AT EPN 6 WARE houseHole depth = -110
20' meter pole
400 16A Rect
Ditch + cable = 233
EXTRA cable = 163
(includes 25 FT hookup wire)

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

200 1.0 400
5 .7
10 1.1 WATER
5 1.8
20 1.6
5 1.5
30 2.0
5 1.7
40 1.7
5 1.7
50 1.8
5 1.7
60 1.8
5 1.9
70 1.7 - 10
5 1.4
80 1.5 - 9
5 1.4
90 1.5 - 8
5 1.7
300 1.3 - 7
5 1.5
10 1.4 - 6
5 1.2
20 1.6 - 5
5 1.7
30 1.6 - 4
5 2.0
40 1.8 - 3
5 1.7
50 1.7 - 2
5 1.5
60 1.4 - 1
5 1.5
70 1.7
5 1.7
80 1.6 -
5
90 -
5

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

1-360-1.6-2.1
2-350-1.9-2.9
3-340-1.9-2.8
4-330-1.9-2.8
5-320-1.8-2.6
6-310-1.6-2.2
7-300-1.5-2.6
8-290-1.7-3.1
9-280-1.5-2.8
10-270-1.9-3.3

$$11.5 \vee 12.8 A = .9 \text{ ohms}$$