

1375

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30-039-22206

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

Operator MERIDIAN OIL Location: Unit NW Sec. 19 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #50A
cps 1612w

Elevation 6629' Completion Date 7/29/81 Total Depth 480' 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. 190' SAMPLE TAKEN

Depths gas encountered: N/A

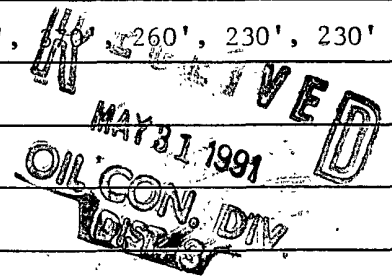
Type & amount of coke breeze used: 6000 lbs.

Depths anodes placed: 435', 425', 410', 400', 390', 380', 260', 230', 230'

Depths vent pipes placed: 478'

Vent pipe perforations: 300'

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

Drilling Log (Attach Hereto) ☐

(2 "X60" DURATION)

Completion Date 7/29/81

Well Name <u>S.J. 28-6 #50 A</u>		Location <u>NW 19-28-6</u>		CPS No. <u>1612 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57842-21-50-20</u>	
Anode Hole Depth <u>480' T.D. 478'</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>435'</u>	# 2 <u>425'</u>	# 3 <u>410'</u>	# 4 <u>400'</u>	# 5 <u>390'</u>	# 6 <u>380'</u>
# 7 <u>370'</u>	# 8 <u>260'</u>	# 9 <u>230'</u>	# 10 <u>220'</u>		
Anode Output (Amps)					
# 1 <u>2.9</u>	# 2 <u>3.3</u>	# 3 <u>2.7</u>	# 4 <u>3.1</u>	# 5 <u>3.3</u>	# 6 <u>2.9</u>
# 7 <u>3.1</u>	# 8 <u>3.9</u>	# 9 <u>3.8</u>	# 10 <u>4.3</u>		
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 <u>11.9</u>	Amps <u>15.6</u>	Ohms <u>.76</u>			

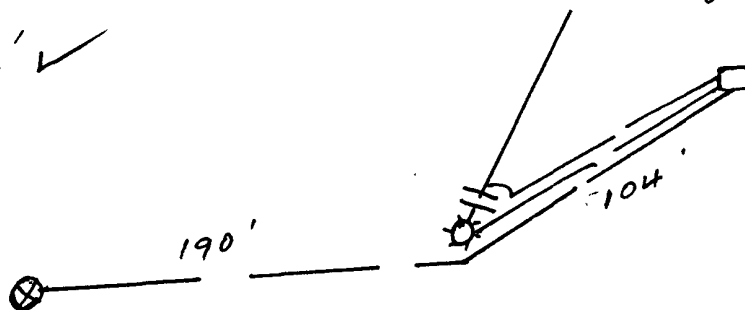
Remarks: STATIC 600' M. = .92V (unions checked OK) DRILLER SAID WATER AT 190'. APPROX. 1/2 GAL/MIN. DRILLED TO 220'. WATER STANDING IN HOLE NEXT A.M. AT 200'. TOOK WATER SAMPLE. DRILLED TO 480'. LOGGED 478'. INSTALLED 478' OF 1" P.V.C. VENT PIPE PERFORATED 300'. COKE BREEZE WAS HAULED IN BULK. EST. 6000 LB. IN HOLE

Ditch + 1 cable = 294' ✓
extra cable = 228' ✓
40V 16A RECT. ✓
STub pole ✓
Hole Depth - 22' ✓

All Construction Completed

JE Stahl
(Signature)

GROUND BED LAYOUT SKETCH



	Reg.	O.T.
Sub.	8	2

DISTRIBUTION:

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

6629

CPS 1612 W

S.J. 28-6 * 50A

NW 19-28-6

W.O. 57842-21-50-20

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

200-1.3

370-1.4-②

1.3

1.3

10-.9

80-1.2-②

1.3

1.4

20-1.6-⑩

90-1.4-⑤

1.7

1.6

30-1.6-⑨

400-1.3-④

1.1

1.2

40-1.1

10-1.3-③

.7

1.1

50-.8

20-1.2

1.0

1.4-②

60-1.6-⑧

-0-1.3

1.4

1.3-①

70-1.1

40-1.1

.8

.4

80-.6

50-.3

.5

.4

90-.5

60-.6

.5

.7

300-.5

70-.6

.4

478-T.D.

10-.3

80-Drilled To

.3

20-.3

.3

30-.4

.4

40-.5

.6

50-.7

.8

60-1.1

1.3

Driller SAID WATER AT 190' Approx.

2 gals./min. Drilled To 220'.

WATER STANDING IN HOLE NEXT

A.M. AT 200' TOOK WATER SAMPLE

Drilled To 480', Logged 478'.

INSTALLED 478' of 1" P.V.C. Vent

Pipe Perforated 300'.

11.9 V, 15.6 A, = .76 Ω

7/29/81

1-435-1.8-2.9

2-425-1.9-3.3

3-416-1.8-2.7

4-400-1.7-3.1

5-390-2.0-3.3

6-380-1.7-2.9

7-370-2.0-3.1

8-260-2.7-3.9

9-230-2.5-3.8

10-220-2.7-4.3

LL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10316 Date 8-5-81
Operator EPNG Well Name S.J. 28-6 #50A - CPS#1612W
Location NW 19-28-6 County Rio Arriba State New Mexico
Field Blanco Formation _____
Sampled From 190' Approx. 1/2 gal/min.

Date Sampled 7-29-81 By J. E. Stotts

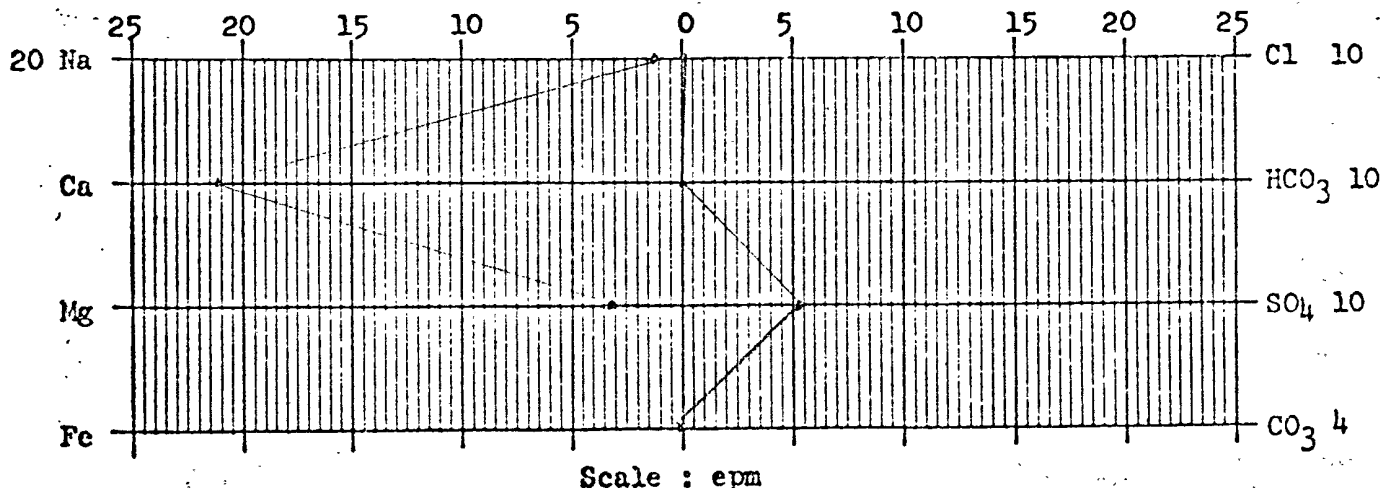
Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>750</u>	<u>32.6</u>	Chloride <u>15</u>
Calcium <u>428</u>	<u>21.4</u>	Bicarbonate <u>100</u>
Magnesium <u>43</u>	<u>3.5</u>	Sulfate <u>2670</u>
Iron <u>Absent</u>		Carbonate <u>0</u>
H ₂ S <u>Absent</u>		Hydroxide <u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 3.898
pH 7.6

Sp. Gr. 1.0052 At 60°F
Resistivity 222 ohm-cm at 72°F

J. E. Stotts
Chemist *RZE*



CPS 1612 W

RIG NO. 2

REPORT NO.

DATE

DAILY DRILLING REPORT

SV 28-6 #504

WELL NO.

LEASE

MORNING

DAYLIGHT

EVENING

Total Men In Crew

Driller

Total Men In Crew

Driller

Total Men In Crew

FROM TO FORMATION WT-BIT R.P.M.

NO. DC SIZE LENG. NO. DC SIZE LENG. BIT NO. SERIAL NO. STANDS SINGLES SIZE TYPE DOWN ON KELLY TOTAL DEPTH MAKE

MUD RECORD MUD, ADDITIVES USED AND RECEIVED

Time Wt. Vis. Time Wt. Vis. Time Wt. Vis. Time Wt. Vis.

FROM TO TIME BREAKDOWN FROM TO TIME BREAKDOWN FROM TO TIME BREAKDOWN FROM TO TIME BREAKDOWN

REMARKS - REMARKS - REMARKS -

SIGNED: Toolpusher Company Supervisor