

1051

116-30-039-06964
75-30-039-0694-3
120-30-039-20313

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

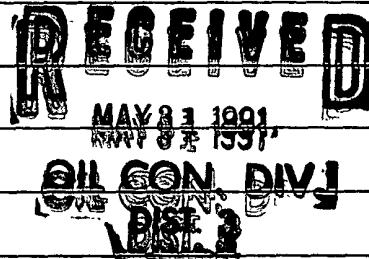
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 23 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #16, #75, #120cps 1713wElevation 6508' Completion Date 9/27/83 Total Depth 180' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 20' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: 1800 lbs.Depths anodes placed: 155', 145', 130', 120', 110', 95', 80', 70', 60', 50'Depths vent pipes placed: 180'Vent pipe perforations: 160'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) ☐Completion Date: 9/27/83

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check:	
1713 W		S.J. 27-5 #16		52962-19-50-20-64		600'S = .92 V		☒ Good ☐ Bad	
		S.J. 27-5 #75		54209-19-50-20-64		600'S = .83 V			
		S.J. 27-5 #120		54763-19-50-20-64		600'S = .87 V			
Location:		Anode Size:		Anode Type:		Size Bit:			
SW 23-27-5		2" X 60"		DURATION		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
180'		180'				Slurred 1800 LB.		0	
Anode Depth									
# 1 155'	# 2 145'	# 3 130'	# 4 120'	# 5 110'	# 6 95'	# 7 80'	# 8 70'	# 9 60'	# 10 50'
Anode Output (Amps)									
# 1 2.65	# 2 2.6	# 3 2.75	# 4 2.85	# 5 3.44	# 6 2.68	# 7 3.2	# 8 3.33	# 9 2.97	# 10 3.25
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 12.1		Amps 11.1		Ohms 1.1					

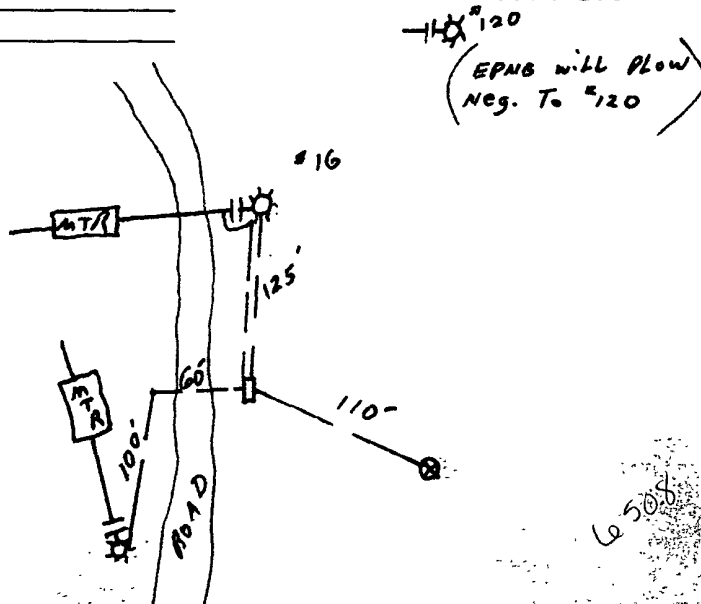
Remarks: Driller said WATER AT 20'. Approx. 20 gal/min. Drilled hole with mud. Did NOT get WATER SAMPLE. Drilled To 180', Logged 180'. Logged Hole, with hole mudded up. Flushed Hole + Loaded. INSTALLED 180' of 1" P.V.C. VENT PIPE, PERFORATED 160'.

Rectifier Size: 60 V 20 A ✓
 Addn'l Depth: _____
 Depth Credit: 320' ✓
 Extra Cable: 165' ✓
 Ditch & 1 Cable: 395' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

JE Little
(Signature)

GROUND BED LAYOUT SKETCH



Time	Res.	A.T.
10hr	8	2 ✓

CPS 1713 W

S.J. 27-5 16

W.O. 52962-19-50-20-64

S.J. 27-5 75

54209-19-50-20-64

SW 23-27-5

S.J. 27-5 120

54763-19-50-20-64

MW	gals/mol
16 04 C1	6.4
30 07 C2	10.12
44 10 C3	10.42
58 12 C4	12.38
58 12 nC4	11.93
72 15 C5	13.85
72 15 nC5	13.71
86 18 C6	15.50
86 18 C6	15.57
100 21 C7	17.2
100 21 C7	17.46
114 23 C8	19.39
28 05 C2	9.64
42 08 C3	9.67

MW	MISC	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

20-1.67

3 2.2

30-2.6

1.82

40-1.42

1.54

50-1.67 - ⑩

1.56

60-1.39 - ⑨

1.49

70-1.52 - ⑧

1.66

80-1.47 - ⑦

1.43

90-1.3

1.36 - ⑥

100-1.33

1.54

10-2.09 - ⑤

1.78

20-1.47 - ④

1.27

30-1.47 - ③

1.27

40-1.31

1.37 - ②

50-1.29

1.33 - ①

60-1.33

1.62

70-2.15

1.78

80-180' T.D.

DRILLER SAID WATER AT 20'
 APPROX 20 GAL/MIN. DRILLED
 HOLE WITH MUD, DID NOT
 GET WATER SAMPLE. DRILLED
 TO 180', LOGGED HOLE WITH
 HOLE MUDDING UP. FLUSHED HOLE
 AND LOADED. T.D. = 180'
 INSTALLED 180' OF 1" P.V.C.
 VENT PIPE, PERFORATED
 160'

12.1 V. 161 A. 11 - 0

1-155-1.36-2.65

2-145-1.41-2.6

3-130-1.52-2.75

4-120-1.52-2.85

5-110-2.1-3.44

6-95-1.4-2.68

7-80-1.56-3.2

8-70-1.58-3.33

9-60-1.43-2.97

10-50-1.7-3.25

LEASE SAW 5h 27

WELL NO. 27-5 #76

CONTRACTOR **SF DESIGN**

RIGNO

REPORT NO.

DATE _____

21

[illegible]

SIGNED: Toolrusher

~~Company Supervision~~

15 July