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30 039-22231

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. 20 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #17A

cps 1600w

Elevation 6739' Completion Date 7/10/81 Total Depth 500' 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. WET SAND 170' WATER 260' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 6500 lbs.

Depths anodes placed: 455', 445', 430', 420', 380', 370', 360', 330', 320', 310'

Depths vent pipes placed: 494'

Vent pipe perforations: 240'

Remarks: gb #1

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DIST. 3

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" Duriron)

Completion Date 7/10/81

Well Name <u>S.J. 28-5 UNIT 17A</u>		Location <u>SE 20-28-5</u>		CPS No. <u>1600 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57925-21-50-20</u>	
Anode Hole Depth <u>500' T.D. 494'</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>455'</u>	<u>445'</u>	<u>430'</u>	<u>420'</u>	<u>380'</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	<u>3.2</u>	<u>3.4</u>	<u>3.8</u>	<u>3.6</u>	<u>4.1</u>
Anode Depth	# 6	# 7	# 8	# 9	# 10
	<u>370'</u>	<u>360'</u>	<u>330'</u>	<u>320'</u>	<u>310'</u>
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	<u>3.9</u>	<u>3.0</u>	<u>3.0</u>	<u>2.9</u>	<u>4.3</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>12.1</u>		Amps <u>17.2</u>		Ohms <u>.7</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: STATIC 600' S = .86V Drilled To 280'. HIT wet sand AT 170'
HIT WATER AT 260', Approx. 1/2 gal./min. Blew water out top of Hole next
A.M. Did NOT get enough To MAKE WATER SAMPLE. Drilled To 500'
Logged 494'. INSTALLED 494' of 1" p.v.c. VENT pipe Perforated 240'.
COKE breeze WAS HAULED in BULK. EST. 6500 LB. of COKE in Hole

All Construction Completed

Ditch + 1 cable = 198'
extra cable = 143'

40V 16A Rect

Stub pole

Hole Depth - 6'

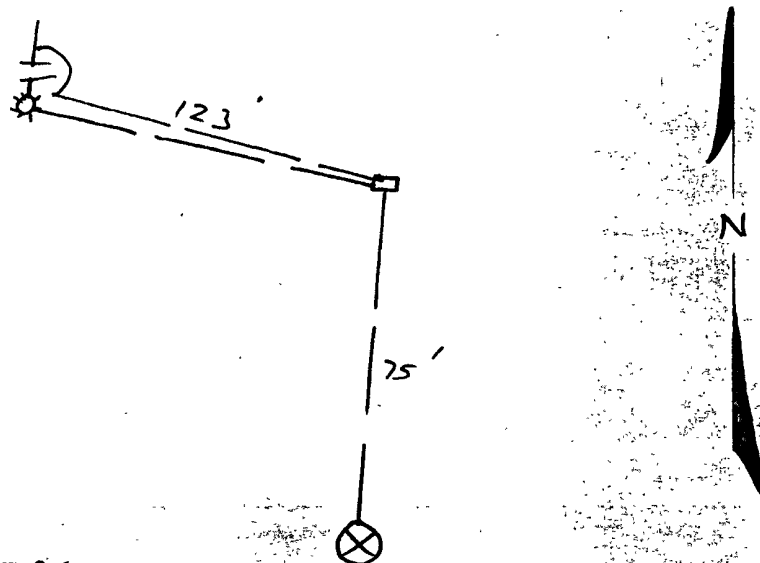
GROUND BED LAYOUT SKETCH

J.E. Smith
(Signature)

	Reg.	P.T.
Hrs	8	2

DISTRIBUTION:

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



6739

S.J. #28-5 unit #17A

CPS #1600 W
SE 20-28-5

W.O. 51925-21-50-20

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 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

280 - .6 .8 110 - .2
 3 .7 1.0
 90 - .4 .8 20 - 1.3 - ④
 4 .7 1.3
 200 - .5 .6 30 - 1.2 - ③
 6 1.4 ① 1.1
 10 - .6 1.5 - 1.1
 4 1.5 ② 1.1 - ②
 20 - .7 1.5 - 1.2
 3 1.2 1.2 - ①
 30 - .3 1.2 - ① 1.1
 .7 1.1
 40 - .4 70 - 1.0
 .4 1.2
 50 - .5 80 - 1.1
 1.2 1.1
 60 - 1.3 - ⑦ 90 - 1.3
 1.1 494 T.D.

70 - 1.5 - ① 50 - Drilled,

1.6
80 - 1.4 - ⑤

1.1

90 - .5

.4

400 - .3

.2

Drilled To 280, HIT wet sand
 AT 170, HIT WATER AT 260. Approx.
 1/2 GAL/MIN. Blew WATER out The
 Top of The Hole next AM.
 Did NOT get enough To make
 WATER sample Drilled To 500'
 Logged 494', Installed 494'
 of 1" P.V.C. vent pipe, Perforated
 240'.

12.1 V. 17.2 A. = .7 Ω

7/10/81

JL

1 - 455 - 1.7 - 3.2

2 - 445 - 1.7 - 3.4

3 - 430 - 1.9 - 3.8

4 - 420 - 2.1 - 3.6

5 - 380 - 2.6 - 4.1

6 - 370 - 2.3 - 3.9

7 - 360 - 1.8 - 3.0

8 - 330 - 1.7 - 3.0

9 - 320 - 2.5 - 3.9

10 - 310 - 2.6 - 4.3

