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2A-30-045-21976

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300-30-045-26874

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. 9 Twp 30 Rng 8Name of Well/Wells or Pipeline Serviced WOODRIVER #2A, WOODRIVER COM #300

cps 1458w

Elevation 6219' Completion Date 9/26/79 Total Depth 670' 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. 565'Depths gas encountered: N/AType & amount of coke breeze used: 75 SACKSDepths anodes placed: 590', 585', 550', 545', 540', 535', 530', 525', 520', 455'Depths vent pipes placed: 610'Vent pipe perforations: 400'Remarks: gb #1**RECEIVED**
MAY 31 1991
OIL CON. DIV. I
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). ☐ ^{#300} *com*

Contract #2
2" X 60" Durion

Completion Date *9/26/79*

Well Name <i>Woodriver #2-A</i>		Location <i>NW 9-30-8</i>		CPS No. <i>1458 W</i>	
Type & Size Bit Used <i>6 3/4"</i>				Work Order No. <i>57294-21</i>	
Anode Hole Depth <i>670 T.D. 610</i>	Total Drilling Rig Time	Total Loss Coke Used <i>75 SACKS</i>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 <i>590'</i>	#2 <i>585'</i>	#3 <i>550'</i>	#4 <i>545'</i>	#5 <i>540'</i>	#6 <i>535'</i>
#7 <i>530'</i>	#8 <i>525'</i>	#9 <i>520'</i>	#10 <i>455'</i>		
Anode Output (Amps)					
#1 <i>4.0</i>	#2 <i>2.4</i>	#3 <i>1.7</i>	#4 <i>2.3</i>	#5 <i>2.5</i>	#6 <i>4.8</i>
#7 <i>1.9</i>	#8 <i>2.3</i>	#9 <i>1.8</i>	#10 <i>2.0</i>		
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 <i>11.8 V</i>	Amps <i>8.4 A</i>	Ohms <i>1.4 Ω</i>			

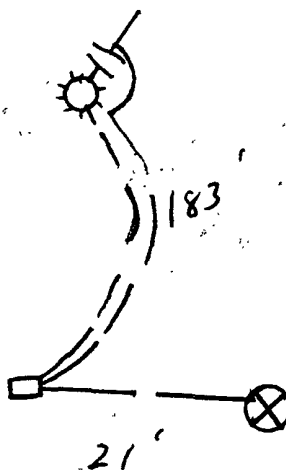
Remarks: *STATIC 600' S. = .88 V Hole went Blind AT 550', STARTED*
INJ. SOAPWATER. GOT CIRCULATION BACK, Hole STARTED MAKING
A LITTLE WATER AT 565'. DRILLED TO 670'. Logged Hole NEXT
A.M. T.D 610' WATER STANDING AT 435'. COULD NOT CLEAN Hole
DUE TO CAVEING SHALE. INSTALLED 610' of VCMT Pipe Perfor
400'.

All Construction Completed

Ditch + 1 cable = 204'
extra cable = 213'
Hole Depth = 110'
20' meter pole
40V 16A RECT.

GROUND BED LAYOUT SKETCH

JE Shatto
(Signature)



DISTRIBUTION:

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

DAILY DRILLING REPORT

Making little water
at 565-

____ Company Supervisor

Woodrider #2A

CPS #1458W

NEW 9-30-8

W.O. 57294-21

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 ²⁻	9 64
42 08	C ₃ ²⁻	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

400-

610-

10-

20 -

20 -

30-

30-

40 -

40-

50-

50-

60-

60-

70-

70-

80-

90-

500-

10-

20—

30-

40-

50-

60-

20-

80 -

90-

600-

2. 2

Hole went Blind AT 550'
STARTED 1M. SOAPY WATER
GOT CIRCULATION BACK, Hole
STARTED MAKING A LITTLE
WATER AT 565'. Drilled To
670'. WATER STANDING IN
Hole NEXT A.M. AT 435'.
Logged 610'. INSTALLED 600'
of 1" P.V.C. VENT PIPE
PERFORATED 400'

9/26/79

$$11.8 \text{ V. } 8.4 \text{ A} = 1.4 \Omega$$

- 1-590-2.2-4.0
- 2-585-1.5-2.4
- 3-550-1.0-1.7
- 4-545-1.0-2.3
- 5-540-1.2-2.5
- 6-535-1.4-4.8
- 7-530-1.3-1.9
- 8-525-1.6-2.3
- 9-520-1.2-1.8
- 10-455-1.4-2.0

6-28A-264
8-R 7-254
2-275

16-11-22