

1211

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 8

Name 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/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. 565'

Depths gas encountered: N/A

Type & amount of coke breeze used: 75 SACKS

Depths 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.
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). ☐ *can #300*

Contract #2
2" X 60" Drivon

Completion Date *9/26/79*

Well Name <i>Woodriver #2-A</i>		Location <i>NW 9-30-8</i>		CPS No. <i>1458W</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 Coke 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>11.8V</i>	Amps <i>8.4A</i>	Ohms <i>1.4Ω</i>			

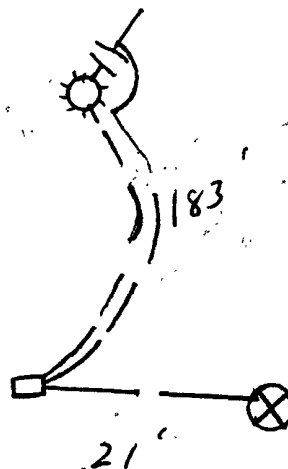
Remarks: *STATIC 600' S. = .88 V Hole went Blind AT 550', STARTED INJ. SOAP WATER. GOT CIRCULATION BACK, Hole STARTED MAKING A LITTLE WATER AT 565'. DRILLED TO 670'. Logged Hole NEXT A.M. T.D 610' WATER STANDING AT 435'. COULD NOT CLEAN Hole DUE TO CAVEING SHALE. INSTALLED 610' OF VENT PIPE PERFORM 400'.*

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

6249

CP# 1458w

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE		WELL NO.		CONTRACTOR		RIG NO.		REPORT NO.		DATE	
				Looney						9-26 1979	
MORNING						EVENING					
Driller						Driller					
Total Men In Crew						Total Men In Crew					
FROM	TO	FORMATION	WT-BIT	R.P.M.		FROM	TO	FORMATION	WT-BIT	R.P.M.	
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SERIAL NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SIZE		STANDS				BIT NO.		NO. DC		SIZE	LENG.
TYPE		SINGLES				SERIAL NO.		STANDS			
DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY			
MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH	
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.				Time	Wt.	Vis.			
FROM	TO	TIME BREAKDOWN		FROM	TO	TIME BREAKDOWN		FROM	TO	TIME BREAKDOWN	
0	6	Surface		150	180	Sand Damp		370	500	Sand	
6	15	Shale		180	240	Shale		500	520	Sandy Shale	
15	75	Sand Stone		240	300	Sand Stone		520	530	Sand	
	120	Shale		300	305	Shale		530	550	Blind Dry	
120	140	Sand Dry		305	355	Sand		550	565	Shale	
140	150	Shale		355	370	Shale		565	580	Shale	
REMARKS -				REMARKS -				REMARKS -			
								585-600 Sand			
								600-620 Sandy Shale			
								620-670 Sand			
								Making little water at 565			

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

Woodrider #2A

CPS #1458W

NW 9-30-8

W.O. 57294-21

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

400- 610-

10- 20-

20- 30-

30- 40-

40- 50-

50- 60-

60- 70-

70- 80-

80- 90-

90- 100-

100- 110-

110- 120-

120- 130-

130- 140-

140- 150-

150- 160-

160- 170-

170- 180-

180- 190-

190- 200-

200- 210-

210- 220-

Hole went Blind AT 550'
STARTED IMJ. 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 JL

11.8 V. 8.4 A. = 1.4 Ω

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

6-256-264
8-27-254
2-2.5

16 ft