

3195

6E - 30-045-26605

4- 30-045-20090

E

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

Operator MERIDIAN OIL INC. Location: Unit C Sec. 14 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced NUEDECKER #6E, #4

cps 1986w

Elevation 5700' Completion Date 8/23/88 Total Depth 340' 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. 50', 70', 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 310', 300', 290', 265', 255', 245', 235', 225', 210', 200'

Depths vent pipes placed: 345'

Vent pipe perforations: 240'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIST.

DIST. ?

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 8-23-88

CPS #	Well Name, Line or Plant: <u>1986W</u>	Work Order # <u>54498A</u>	Static: <u>600N=1.002</u>	Ins Union Check ☒ Good ☐ Bad
Location: <u>C14-29-10</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled: <u>340'</u>	Depth Logged: <u>340'</u>	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used
Anode Depth				
# 1 <u>310</u>	# 2 <u>300</u>	# 3 <u>290</u>	# 4 <u>265</u>	# 5 <u>255</u>
# 6 <u>245</u>	# 7 <u>235</u>	# 8 <u>225</u>	# 9 <u>210</u>	# 10 <u>200</u>
Anode Output (Amps)				
# 1 <u>4.5</u>	# 2 <u>4.8</u>	# 3 <u>4.3</u>	# 4 <u>5.8</u>	# 5 <u>5.4</u>
# 6 <u>5.3</u>	# 7 <u>5.8</u>	# 8 <u>5.8</u>	# 9 <u>6.0</u>	# 10 <u>4.9</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				
Volts <u>12.14</u>	Amps <u>25.2</u>	Ohms <u>.48</u>	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: Water at 30'; Water sample taken. Installed 345' of 1" PVC vent pipe, bottom 240 perforated

Rectifier Size: 40 V 16 A 4074.00
 Addn'l Depth 669.00

Depth Credit: 160' @ 3.50 - 560.00 ✓

Extra Cable: 230' @ .24 - 55.20 ✓

Ditch & 1 Cable: 265' @ .70 - 185.50 ✓

25' Meter Pole: 297.00

20' Meter Pole: 1 @ 297.00 - 297.00

10' Stub Pole: 225.00

1 function box 225.00

4945.70 ✓

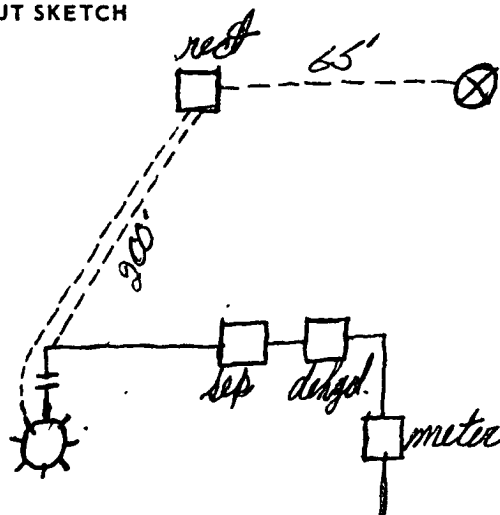
247.29 ✓

5192.99 OK ✓

All Construction Completed

Cahm Roshman
 (Signature)

GROUND BED LAYOUT SKETCH



5700

CPS # 1786

D. CIASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S P. No. Neudecker #6-F Date 8-23-58
 Client Meridian Oil Co. Prospect _____
 County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance
 and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	20	Shale
20	40	SANDSTONE
40	70	SAND ✓
70	90	Shale
90	100	SAND ✓
100	135	Shale
135	150	SANDSTONE
150	185	Shale
185	220	SANDY SHALE
220	310	Shale
310	340	SANDSTONE

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 50' 70' & 100'Driller RONNIE BROWN

DATA SHEET NO. _____

COMPANY MERIDIAN OIL JOB No. 13128 DATE: 8/23/88
 WELL: NEUDECKER # 6E PIPELINE: _____
 LOCATION: SEC. 14 TWP. 29N RGE. 10W CO. SAN JUAN STATE N.M.
 ELEV. _____ FT: ROTARY 340 FT: CABLE TOOL 0 FT: CASING 0
 GROUNDBED: DEPTH 340 FT. DIA. 10 3/4 IN. GAS 3400 LBS. ANODES 10 2" x 100" TYPE

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH, TOP OF ANODES
		E	I	R	I	I		
50	1 310 - 3.1 - 4.5							
55	2 300 - 3.3 - 4.8							
60	3 290 - 3.0 - 4.3		1.5					
65	4 265 - 3.5 - 5.8		1.5					
70	5 255 - 3.4 - 5.7		2.5					
75	6 245 - 3.3 - 5.3		1.5					
80	7 235 - 3.4 - 5.8		1.7					
85	8 225 - 3.3 - 5.8		2.0					
90	9 210 - 3.6 - 6.0		1.5					
95	10 200 - 3.3 - 4.9		1.5					
100			2.1					
5			2.5					
10			2.5					
15			2.7					
20			2.5					
25			2.1					
30			1.8					
35			2.1					
40			2.0					
45			1.8					
50			1.7					
55			2.4					
60			2.6					
65			2.4					
70			2.4					
75			2.5					
80			2.0					
85			1.6					
90			1.2					
95			2.1					
200			2.3					200
5			2.6					
10			2.4					210
15			2.4					
20			2.3					
25			2.3					
30			2.4					
35			2.3					
40			2.3					
45			2.3					
50			2.3					
55			2.3					

GROUNDBED RESISTANCE: (1) VOLTS 12.14 - AMPS 25.2 - 48 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.
 A LUKENS COMPANY

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ELEV. _____ FT. ROTARY 340 FT. CABLE TOOL 0 FT. CASING 0 FT.
GROUNDED: DEPTH 340 FT. DIA. 6 3/4 IN. GAS 3400 LBS. ANODES 10 2" x 60" TUP

[illegible]

GROUNDSED RESISTANCE: (1) VOLTS _____ - AMPS _____ - _____ OHMS

(2) VEROGROUND _____ CHMS-

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY