

1 - 30-045-09427
2 - 30-045-21095
4E-30-045-26608

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

Operator MERIDIAN OIL Location: Unit K Sec. 13 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced PIERCE A #1, #2, #4E

cps 257w

Elevation 6391 Completion Date 11/19/87 Total Depth 450' Land Type* N/A

Casing, Sizes, Types & Depths 51' OF 8" PVC SURFACE CASING

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. 70', 110' NOT ENOUGH FOR SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 428', 419', 410', 401', 392', 383', 374', 258', 249', 240'

Depths vent pipes placed: 445' OF 1" PVC VENT PIPE

Vent pipe perforations: 425'

Remarks: gb #3

RECEIVED

MAY 31 1991

**OIL CON. D.
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.

OK
Several

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒Completion Date 11-19-87

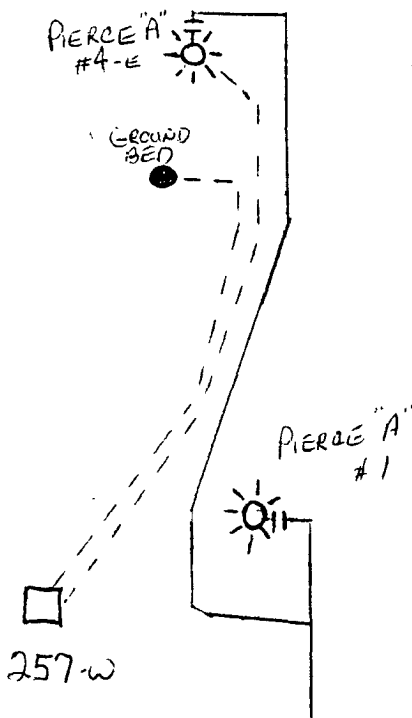
PROPT. D 2054451A

CPS # ☒		Well Name Line or Plant:		Work Order #		Status:		Ins. Union Check	
257-w		PIERCE "A" #4-E				600 N = .84		☒ Good ☐ Bad	
		PIERCE "A" #1							
		PIERCE "A" #2							
Location K13-30-10		Anode Size 2" X 60"		Anode Type Duriron		Size Bit 6 3/4"			
Depth Drilled 450		Depth Logged 442		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1 428'	# 2 419'	# 3 410'	# 4 401'	# 5 392'	# 6 383'	# 7 374'	# 8 258'	# 9 249'	# 10 240'
# 1 5.1	# 2 5.1	# 3 5.0	# 4 4.5	# 5 4.0	# 6 4.4	# 7 4.0	# 8 3.9	# 9 4.4	# 10 4.0
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance Volts 11.96 Amps 20.5 Ohms .583				No. 8 C.P. Cable Used ELEVATION = 6361'				No. 2 C.P. Cable Used	

Remarks: DRILLED 450' LOGGED 442' DRILLER SAID WATER AT 70' + 110' NOT ENOUGH FOR SAMPLE. INSTALLED 51' of 8" PVC SURFACE CASING (2 HRS), INSTALLED 495' of 1" PVC VENT PIPE; PERFORATED ALL BUT TO 20' of VENT PIPE

Rectifier Size: 60 V 30 A
 Addn'l Depth: _____
 Depth Credit: 58' ✓
 Extra Cable: 600' ✓
 Ditch & 1 Cable: 740' *
 Ditch & 2 Cable: _____
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

A 399.00
 - 232.00 CREDIT ✓
 167.00
 + 1250.00 CASING ✓
 120.00 EXTRA CABLE ✓
 518.00 Ditch #1 ✓
 269.90 Junction Box ✓
 1047.50 60/30 ✓
 6422.40
 321.12
 6743.52 ✓



All Construction Completed

M. Williams
 (Signature)

* WE WILL
 NEED TO SPOT
 PIPELINE BEFORE
 DITCHING N

MERIDIAN OIL

P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 11-19-87

DEEP WELL GROUND BED LOG

Company GENERAL

Well No. "A" #4-E Location K 13-30-10

Volts Applied 11.96 Amperes 583

5					230	1.1				455					680	0.428-2.8-5.1
10					235	1.3				460					685	0.419-3.2-5.1
15					240	2.2				465					690	0.410-3.0-5.0
20					245	2.3				470					695	0.401-3.1-4.5
25					250	2.0				475					700	0.392-3.2-4.0
30					255	2.1				480					705	0.383-2.0-4.4
35					260	1.7				485					710	0.374-2.0-4.0
40					265	1.4				490					715	0.258-2.2-3.9
45					270	1.2				495					720	0.249-2.5-4.4
50					275	1.1				500					725	0.240-2.4-4.0
55					280	1.1				505					730	
60	1.1				285	1.3				510					735	
65	1.4				290	1.7				515					740	
70	2.1				295	1.3				520					745	
75	2.0				300	1.2				525					750	
80	1.7				305	1.1				530					755	
85	1.5				310	1.1				535					760	
90	1.2				315	1.1				540					765	
95	.9				320	1.1				545					770	
100	.7				325	1.1				550					775	
105	.7				330	1.1				555					780	
110	.9				335	1.1				560					785	
115	1.5				340	1.1				565					790	
120	.6				345	1.2				570					795	
125	.5				350	1.2				575					800	
130	.5				355	1.1				580					805	
135	.5				360	.8				585					810	
140	.4				365	.5				590					815	
145	.3				370	1.8				595					820	
150	.3				375	1.9				600					825	
155	.4				380	1.8				605					830	
160	.4				385	1.6				610					835	
165	.6				390	2.2				615					840	
170	.7				395	2.4				620					845	
175	.6				400	2.5				625					850	
180	.6				405	2.6				630					855	
185	.7				410	2.8				635					860	
190	.9				415	2.7				640					865	
195	.9				420	2.7				645					870	
200	1.2				425	2.6				650					875	
205	1.3				430	2.8				655					880	
210	1.0				435	2.6				660					885	
215	1.1				440	2.6				665					890	
220	1.2				445					670					895	
225	1.0				450					675					900	

TD 442