

156-30-045-20003

231-30-045-21117

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. 6 Twp 29 Rng 6

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #156, #231

cps 907w

Elevation 6506' Completion Date 8/15/83 Total Depth 520' Land Type* N/A

Casing, Sizes, Types & Depths 35' OF 8' PVC 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. 178' & 420' SAMPLE TAKEN

Depths gas encountered: N/A

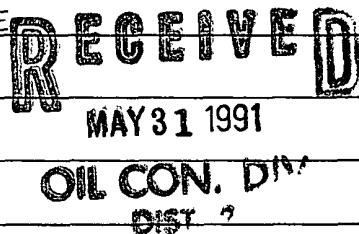
Type & amount of coke breeze used: 5200 lbs.

Depths anodes placed: 480', 470', 425', 415', 405', 395', 355', 335'

Depths vent pipes placed: 515' OF 1" VENT PIPE

Vent pipe perforations: 400'

Remarks: gb #2



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 8-15-83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check:
907-W	HUERSANO # 156	184-54468-19		☒ Good ☐ Bad
	HUERSANO # 231	184-55351-19		
Location:	Anode Size:	Anode Type:	Size Bit:	
NW6-29-6	2"	DURIRON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
520'	515'		5200	
Anode Depth				
# 1 4.80	# 2 4.70	# 3 4.25	# 4 4.15	# 5 4.05
# 6 3.95	# 7 3.85	# 8 3.75	# 9 3.55	# 10 3.35
Anode Output (Amps)				
# 1 3.9	# 2 3.3	# 3 4.3	# 4 4.0	# 5 4.8
# 6 4.9	# 7 5.1	# 8 4.6	# 9 3.9	# 10 4.2
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 12.1	Amps 17.4	Ohms 70		

Remarks: DRILLER SAID HIT WATER 178'. GOT WATER SAMPLE. SAID HIT NOT WATER AT 420'. INSTALLED 515' of 1" VENT PIPE, PERFORATED 400' of VENT PIPE. SUPPLIED 5200 LBS of COKE BREEZE. SET 35' of 8" PVC CASING. (NO CHARGE)

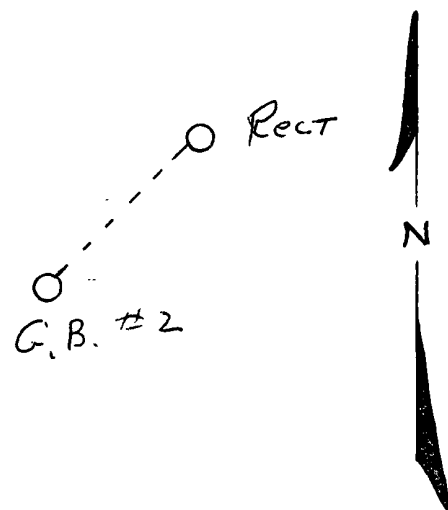
Rectifier Size: _____ V _____ A
 Addn'l Depth: 15'
 Depth Credit: _____
 Extra Cable: 5'
 Ditch & 1 Cable: 36'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

Willis L. Wright Jr
 (Signature)

GROUND BED LAYOUT SKETCH

ROG	0.7
2/15 = 2	2



DAILY DRILLING REPORT

LEASE CPS 907-W WELL NO. 156-231 CONTRACTOR LOFTIS RIG NO. IR1 REPORT NO. DATE 8-16 19 83

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

Roger Smith

QPS 907-2
Huerfano #156
Huerfano #231
W/D 184-54468-19-50-20-63
184-55351-19-50-20-63

DRILLER Said H.T. WATER 178' Got water sample.
Said H.T. more water at 420'. Installed 515' of 1"
VENT Pipe Perforated 400' at VENT Pipe. Supplied
5200 lbs. of COKE Brease. SET 35' at 8" PVC
CASING

①	480	1.30	3.9
②	470	1.10	3.3
③	425	1.40	4.3
④	415	1.30	4.0
⑤	405	1.40	4.8
⑥	395	1.50	4.9
⑦	385	1.50	5.1
⑧	375	1.20	4.6
⑨	355	1.30	3.9
⑩	335	1.60	4.20

121 V 074 A .70 2

1	180	1.80	55	1.1	⑧
2	85	1.80	60	1.0	
3	90	1.90	65	1.80	
4	95	1.90	70	1.80	
5	200	1.90	75	1.0	⑧
6	05	1.90	80	1.1	
7	10	1.90	85	1.1	⑦
8	15	1.90	90	1.1	
9	20	1.80	95	1.1	⑦
10	25	1.60	400	1.1	
11	30	1.50	05	1.1	⑤
12	35	1.60	10	1.1	
13	40	1.80	15	1.1	④
14	45	1.90	20	1.1	
15	50	1.90	25	1.1	③
16	55	1.90	30	1.0	
17	60	1.90	35	1.90	
18	65	1.80	40	1.90	
19	70	1.90	45	1.90	
20	75	1.90	50	1.70	
21	80	1.90	55	1.60	
22	85	1.90	60	1.60	
23	90	1.80	65	1.80	
24	95	1.80	70	1.1	②
25	300	1.80	75	1.1	
26	05	1.0	80	1.0	①
27	10	1.1	85	1.90	
28	15	1.1	90	1.80	
29	20	1.1	95	1.80	
30	25	1.1	500	1.0	
31	30	1.2	05	1.0	
32	35	1.1	10		
33	40	1.1	15	TD	
34	45	1.90	20		
35	50	1.1			

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10924 Date November 15, 1983
Operator El Paso Natural Gas Well Name Huerfano Unit #156 CPS 907W
Location NW 6-29-6 County San Juan State New Mexico
Field Ballard Formation _____
Sampled From 178 feet CPS 907W

Date Sampled August 15, 1983 By Willis Knight

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>148</u>	<u>6.4</u>	Chloride <u>45</u>
Calcium <u>0</u>	<u>0</u>	Bicarbonate <u>207</u>
Magnesium <u>0</u>	<u>0</u>	Sulfate <u>27</u>
Iron _____	_____	Carbonate <u>36</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 408
pH 9.2
Sp. Gr. 0.9955 At 60°F
Resistivity 1,379 ohm-cm at 75°F

Joe Barnett

Chemist GCK

