4343

30-045-20632

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

Operator MERIDIAN OIL Location: Unit SE Sec. 27 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #204

cps 929w

Elevation 6441' Completion Date 7/25/75 Total Depth 350' 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. 180'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3200 lbs.

Depths anodes placed: 315', 305', 295', 285', 245', 235', 215', 205', 195', 185'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 1-69)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 7-25-75

Well Name	Location	CPS No.
Huerfano #204	SE 27-26N-9W	929W

Type & Size Bit Used	Work Order No.
6 3/4"	54743.19-50-20

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
350		3,200		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	315	305	295	285	245	235	215	205	195	185
Anode Output (Amps)	3.6	4.0	4.0	4.2	3.4	3.6	3.6	4.4	4.6	4.2

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

Total Circuit Resistance Volts	Amps	Ohms	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
11.8	17.0	0.69	2780	

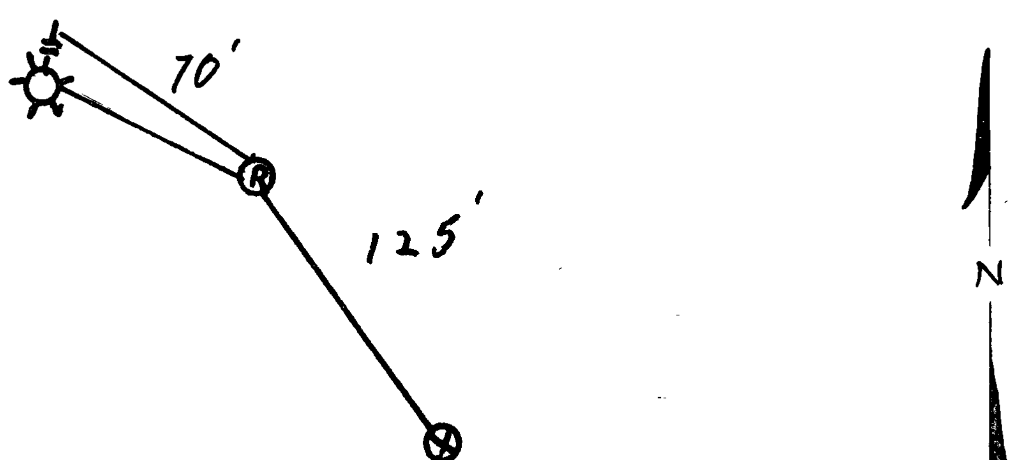
Remarks: Drill with Air. Driller said water at 180' Vent Hose Perforated 200'

Driller 1060.80
Miste 383.24
Pump - 213.40
Coke 192.00
Cable - 258.54
Anodes 264.60
T Box 83.00
Rect. 194.50
[illegible] - 50
2700.08

All Construction Completed

Edward R. Paulek
(Signature)

GROUND BED LAYOUT SKETCH



:020

Original & 1 Copy All Reports

White - Water Resources Board
Canary - Drillers Copy
Pink - Drillers Copy

STATE OF OKLAHOMA
WATER RESOURCES BOARD
5th Floor, Jim Thorpe Building
Oklahoma City, Oklahoma 73105

929W

Application No. _____
Aquifer _____
Stream System Code _____
Use Code _____
County _____
(Office Use Only)

WELL DRILLERS REPORT

1. OWNER Morgan Drilling Co ADDRESS _____

2. LOCATION ____ 1/4 ____ 1/4 ____ 1/4 Sec. ____ Twp. ____ N/S Rge. ____ E/W ____ County
PERMIT NO. _____

3. TYPE OF WORK
☐ New Well ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

5. TYPE WELL
☐ Cable ☐ Rotary
☐ Other ☐ Rev. Rot.

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Water at	180			
Blue shale		130	140	
sandy shale		140	180	
Blue shale		180	270	
Sand stone		270	300	
Blue shale		300	350	

Date started _____ , 19__
Date completed _____ , 19__

7. WELL TEST DATA

Pump R.P.M.	G.P.M.	Draw Down	After Hours Pump

8. WELL CONSTRUCTION

Diameter hole 6 3/4 inches Total depth _____ feet
Casing record _____
Weight per foot _____ Thickness _____

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: ☐ Yes ☐ No Type _____
Depth of seal _____ feet
Gravel packed: ☐ Yes ☐ No
Gravel packed from _____ feet to _____ feet
Perforations:
Type perforation _____
Size perforation _____
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

9. WATER LEVEL

Static water level _____ Feet below land surface _____
Flow _____ G.P.M. _____
Water temperature _____ F. Quality _____

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Abb Gibson
Address _____
Well driller's license number _____
Signed _____
Date 7-25-75

Form 407 - 1074

USE ADDITIONAL SHEETS IF NECESSARY

Form 7-1 (Rev. 11-74)

EL PASO NATURAL GAS COMPANY
ENGINEERING DEPARTMENT

Sheet ____ of ____
Date: ____
By: ____

929W

180	2.0	Driller said water
(10)	2.0	AT 180
90	2.0	
	2.2	
200	2.0	
	2.2	
10	2.2	
(2)	2.0	
20	1.4	
	1.4	
30	1.4	
(4)	1.8	
40	2.0	
(5)	1.8	
50	1.0	
	.4	
60	.4	
	.6	
70	.6	
	.8	
80	1.2	
(4)	2.0	
90	2.0	
(5)	2.0	
300	1.8	
(2)	2.0	
10	2.2	
(8)	2.0	
20	1.6	
	1.2	
30	1.0 BOTTOM	
40		
50		

MW		gals/mol
16	C_1	6 4
30	C_2	10 12
44	C_3	10 42
58	IC_4	12 38
"	NC_4	11 93
72	IC_5	13 85
"	NC_5	13 71
86	IC_6	15 50
"	C_6	15 57
100	IC_7	17 2
"	C_7	17 46
114	C_8	17 97
28	$C_2^=$	9 64
42	$C_3^=$	9 67

MISC		
MW		gals/mol
44	CO_2	5 38
34	H_2S	5 17
28	N_2	4 16
2	H_2	3 38

	45			
1	315	2.0	3.6	
2	305	2.4	4.0	
3	295	2.0	4.0	
4	285	2.2	4.2	
5	245	2.0	3.4	
6	235	2.0	3.6	
7	215	2.0	3.6	
8	205	2.4	4.4	
9	195	2.2	4.6	
10	185	2.2	4.2	
	2480	11.8	17.0	0.69
	300			
	2780			