

4310

30-045-20053

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. 19 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #162

cps 919w

Elevation 6576' Completion Date 7/18/75 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. 185'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3000 lbs.

Depths anodes placed: 295', 285', 275', 265', 255', 245', 235', 225', 195', 185'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #1

RECEIVED

MAY 31 1991

OIL CO

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

Logged

Drilling Log (Attach Hereto). ☐

Completion Date **7-18-75**

Well Name HUERFANO #162			Location NW 19-26-9			CPS No. 919W		
Type & Size Bit Used 6 3/4						Work Order No. 54476		
Anode Hole Depth 350		Total Drilling Rig Time		Total Lbs. Coke Used 3000		Lost Circulation Mat'l Used		No. Sacks Mud Used
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8
	295	285	275	265	255	245	235	225
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8
	5.0	4.8	5.6	5.2	5.6	5.4	4.5	5.0
Anode Depth	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18
Total Circuit Resistance	Volts 11.0				Amps 20.0		Ohms 0.55	
No. 8 C.P. Cable Used 2760						No. 2 C.P. Cable Used		

Remarks: **Driller said Wet at 150 - More at 185'**
Logged 322' T.D.
Vent Perf 200'
Slurry 30 sacks Coke

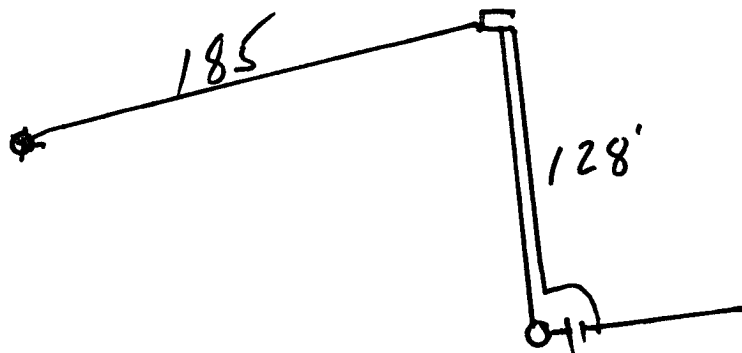
Driller - 1092.00
 Note - 374.40
 Pump - 213.40
 Water - 356.00
 Cables - 180.00
 Anodes - 360.00
 5 Bars - 25.00
 Test - 176.40
 Misc. etc - 50.00
2706.80

All Construction Completed

Amels

(Signature)

GROUND BED LAYOUT SKETCH



Pink - Drillers Copy

(Office Use Only)

919.4

PERMIT NO. _____ County _____

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
☐ New Well ☐ Recondition ☐ Deepen ☐ Other	☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock	☐ Cable ☐ Rotary ☐ Other ☐ Rev. Rot.

[illegible]

Date started _____, 19____
Date completed _____, 19____

This well was drilled under my supervision and the report is true to the best of my knowledge.

WELL TEST DATA			
Pump R.P.M.	G.P.M.	Draw Down	After Hours Pump

Name _____
 Address _____
 Well driller's license number _____
 Signed _____
 Date _____

919W

330

Driller said wet
at 150'-
More at 185'

MW	gas/mol
16	C ₁ 9.4
30	C ₂ 9.56
44	C ₃ 10.42
58	HC ₄ 12.38
72	NC ₄ 13.93
86	HC ₅ 15.71
100	NC ₅ 17.2
114	C ₆ 19.46
128	C ₇ 21.64
142	C ₈ 23.67

150	2.2				
	3.2				
60	3.2				
	3.0				
70	2.6				
	2.6				
80	2.6				
	2.4				
90	2.2				
	2.2				
200	1.8				
	1.4				
10	1.6				
	1.6				
20	2.4	1	29.5	2.6	5.0
	3.0	2	28.5	2.4	4.8
30	3.0	3	27.5	3.0	5.6
	2.8	4	26.5	2.6	5.2
40	3.0	5	25.5	2.6	5.6
	3.2	6	24.5	2.8	5.4
50	3.2	7	23.5	2.2	4.5
	3.4	8	22.5	2.6	5.0
60	3.2	9	19.5	2.2	3.4
	3.2	10	18.5	2.4	3.8
70	3.2				
	3.4				
80	2.8				
	3.0				
90	2.8				
	2.6				
300	1.6				
	1.2				
10	8				
	8				
20	1.0				
322	T.O.				

Vent Perf. 200'
Slurry 30 SK

MW	gas/mol
44	CO ₂ 6.38
14	H ₂ O 5.17
28	N ₂ 4.16
2	H ₂ 3.38

$$11.0 \times 20.0 A = 0.55$$

100