

30-045-20448

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 6 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #188

cps 897w

Elevation 6981' Completion Date 6/24/75 Total Depth 375' 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. 135'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3400 lbs.

Depths anodes placed: 325', 315', 245', 235', 225', 215', 205', 195', 185', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: 250'

Remarks: qbc #1

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MAY 31 1991

OIL CON. DIV

1167

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

Log

Drilling Log (Attach Hereto) ☐

Completion Date 6-24-

Well Name Huerfano #188		Location SW 6-25N-9W		CPS No. 897W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-54644.19-	
Anode Hole Depth 375'	Total Drilling Rig Time		Total Lbs. Coke Used 3,400	Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth	
#1 325	#2 315	#3 245	#4 235	#5 225	#6 215
#7 205	#8 195	#9 185	#10 1		
#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 11.8	Amps 16.0	Ohms 0.73	2620		

Remarks: Driller said water @ 135. Drill with
Air. Vent Hose Perforated 250'
Logging Anode stopped at 350'

Coke - 204.00

Wire - 243.60

Anodes - 264.60

Tool - 83.00

Misc - 50.00

Driller - 1092.00

mate - 383.24

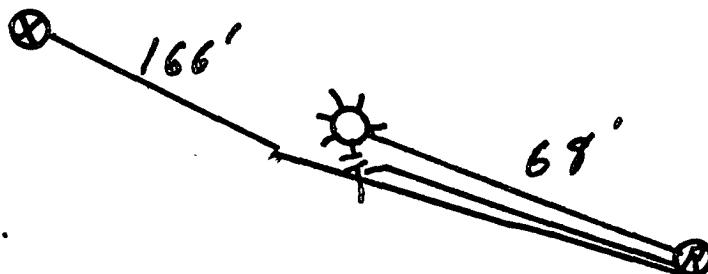
Inspr - 206.70

2427.20

All Construction Completed

Edward R. Paul
(Signature)

GROUND BED LAYOUT SKETCH



897W

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 0.17
44	C ₃ 0.12
58	IC ₄ 0.08
72	IC ₅ 0.05
86	IC ₆ 0.03
100	IC ₇ 0.02
114	IC ₈ 0.01
128	IC ₉ 0.01
142	IC ₁₀ 0.01

MW	MISC
44	CO ₂ 0.12
72	H ₂ S 0.05
114	N ₂ 0.01
128	H ₂ 0.01

140	1.8	20	2.0	Driller said water @ 135' well perforated 250'	
	1.9		2.2		
50	2.2	30	2.0		
	2.0		2.0		
60	1.8	40	1.8		
	1.8		2.0		
70	1.8	50	BOTTOM		
	2.0				
80	1.8	60			
	2.0				
90	2.0	70			
	2.0				
100	2.2				
	2.2				
10	2.2				
	2.1				
20	2.2				
	2.0				
30	1.8				
	2.2				
40	2.0				
	2.0				
50	1.6				
	1.4				
60	1.3				
	1.0				
70	.6				
	.5				
80	1.4				
	1.6				
90	1.4				
	1.2				
100	1.0				
	1.0				
110	1.2				
	2.0				

	45	water	CO ₂
1	3.25	2.4	4.8
2	3.15	2.0	4.2
3	2.45	2.0	3.8
4	2.35	2.4	4.8
5	2.25	2.2	4.2
6	2.15	2.4	4.8
7	2.05	2.4	4.8
8	1.95	2.4	4.6
9	1.85	2.4	4.4
10	1.75	2.4	4.4

1320 11.8V 16.0A 0.73-1
 300
 2620

1511

E

30-045-25952

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 J Sec. 18 Twp 30 Rng 12

Name of Well/Wells or Pipeline Serviced FEDERAL #1E
cps 6369w

Elevation N/A Completion Date 11/7/86 Total Depth 320' 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. 60'

Depths gas encountered: N/A

Type & amount of coke breeze used: 2300 lbs.

Depths anodes placed: 300', 290', 280', 255', 245', 235', 225', 215', 205', 195'

Depths vent pipes placed: 320'

Vent pipe perforations: 230'

Remarks: gb #1

RECEIVED
MAY 31 1991

OIL CON. DIST.

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*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.



Burge Corrosion Systems

PO Drawer G
Aztec, New Mexico 87410

Drilling Log (Attach Hereto). ☒

6369 W

Completion Date November 7, 1986

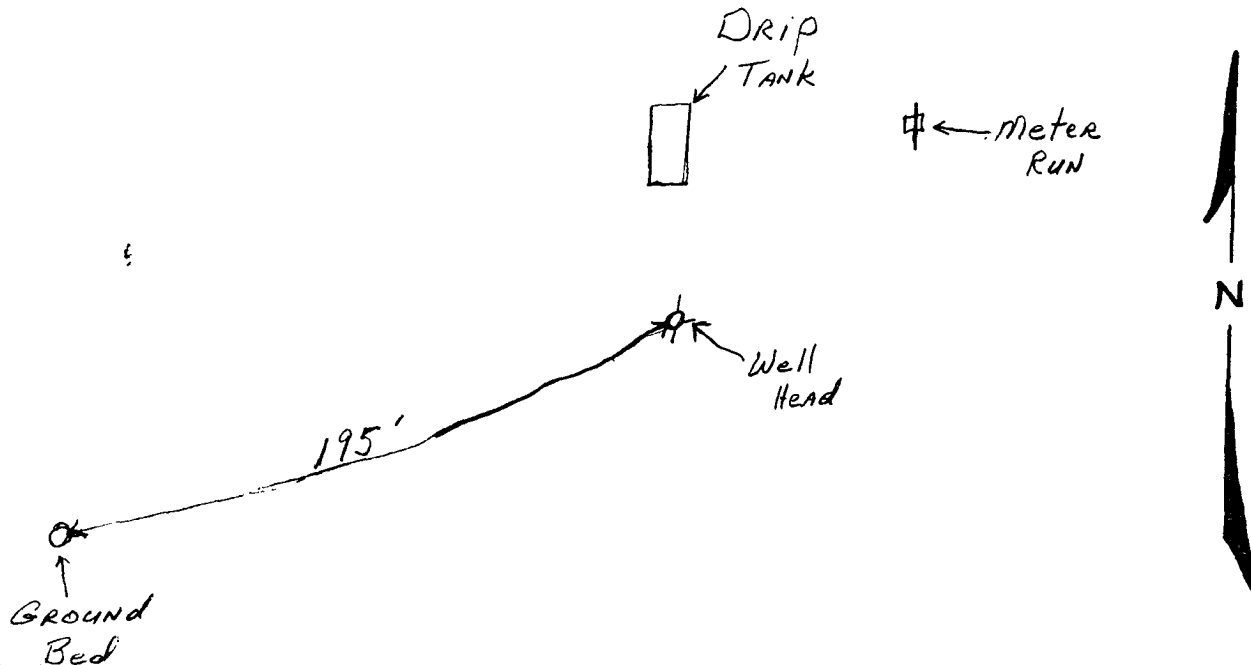
Well Name Federal #1-E				Location Union Texas Petroleum				J 18-30-12	
Type & Size Bit Used 6 3/4 inch								Work Order No.	
Anode Hole Depth 320		Total Drilling Rig Time 6 hours		Total Lbs. Coke Used 2300#		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Depth	#1 300	#2 290	#3 280	#4 255	#5 245	#6 235	#7 225	#8 215	#9 205
Anode Output (Amps)	#1 1.9	#2 1.6	#3 2.3	#4 1.7	#5 1.8	#6 1.6	#7 3.4	#8 2.2	#9 2.2
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19
Anode Output (Amps)	#11	#12	#13	#14	#15	#16	#17	#18	#19
Total Circuit Resistance		Volts 11.6		Amps 12.9		Ohms 0.90		No. 8 C.P. Cable Used	
								No. 2 C.P. Cable Used	
								2825 feet	

Remarks: Hit water at 160 feet when hole was drilled. Used 320 feet of 1
inch vent pipe with 230 feet of perforations.

All Construction Completed

Cady Munkres
(Signature)

GROUND BED LAYOUT SKETCH



COMPANY UNION TEXAS OIL & PETROLEUM **DAILY DRILLING REPORT** NOV. 6th 1986

DESCRIPTION OF FORMATION

REMARKS: Hit water at 60' making approx. 1 gpm. Hole depth 320'.

Brian L. Buzza Driller Tool Dresser