

2A-30-045-21815

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165

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. 8 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced PIERCE #2A

cps 1084w

Elevation 6274' Completion Date 5/23/77 Total Depth 360' 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. 80'

Depths gas encountered: N/A

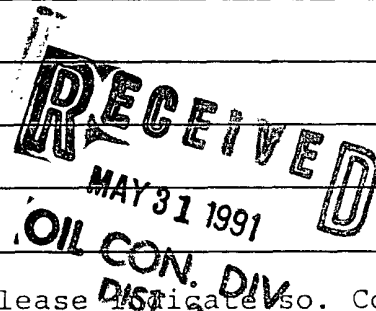
Type & amount of coke breeze used: N/A

Depths anodes placed: 340', 330', 320', 310', 300', 290'

Depths vent pipes placed: 360' OF 1"

Vent pipe perforations: 220'

Remarks: qb #1



If any of the above data is unavailable, please investigate 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

Handwritten: H 27 file

Drilling Log (Attach Hereto). ☐

Completion Date 5-23-77

Well Name Pierce #2 A		Location SE 8-30-9		CPS No. 1084 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57032	
Anode Hole Depth 360	Total Drilling Rig Time Logged 3.50		Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Depth	# 1 340	# 2 330	# 3 320	# 4 310	# 5 300
Anode Output (Amps)	# 1 3.4	# 2 4.8	# 3 4.8	# 4 3.3	# 5 3.1
Anode Depth	# 6 290	# 7 280	# 8 250	# 9 240	# 10 230
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Anode Depth	# 16	# 17	# 18	# 19	# 20
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.95V		Amps 16.7A		Ohms 0.71 Ω
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: *DRILLER SAID WATER @ 80'. STARTED INJ @ 300'. NEXT AM WATER STANDING @ 100'. CLEARED HOLE & DRILLED TO 360'. PERFORATED 220' OF VENT PIPE. INSTALLED 360' OF 1" PVC PIPE. STARTED COKING HOLE. COKE GOT AROUND BOTTOM CATHODES. BRIDGED OFF. TRIED TO FLUSH NO HELP. (TRIED TO FLUSH HOLE AGAIN NO HELP. AGREED TO GO WITH 5 ANODE GND BED PLUS 1 ANODE TO HELP GENERATE DUE TO HOLE CAVING AFTER STARTING COKE.)*

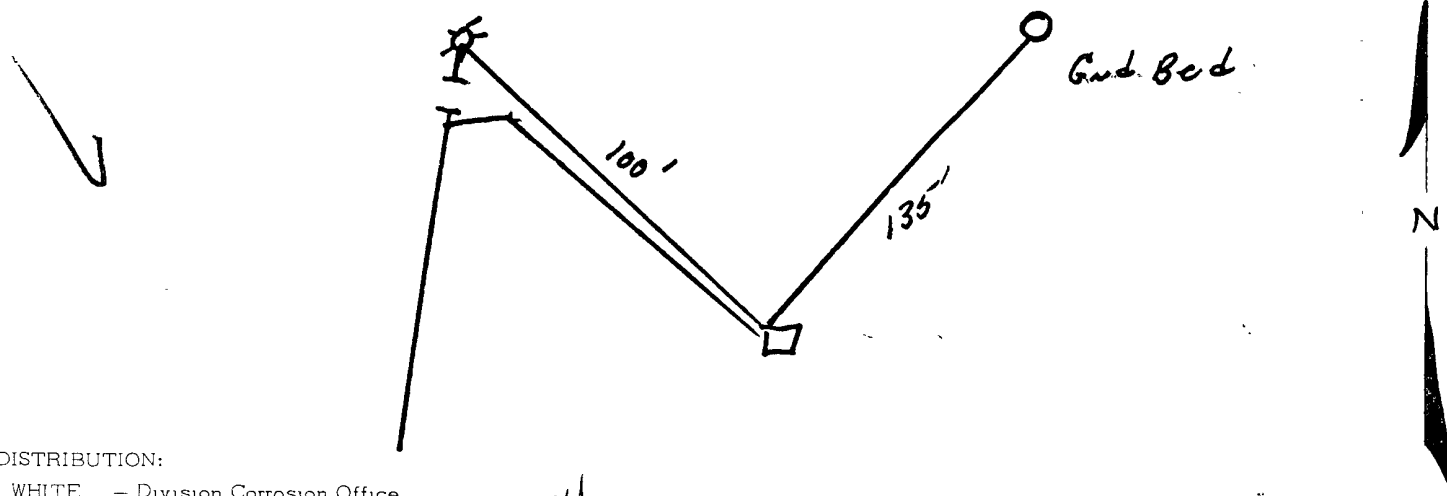
All Construction Completed

Rectifier & Rectifier Pole needs to be set.

W. Z. Loutch

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

DAILY DRILLING REPORT

LEASE					WELL NO. 1084W					CONTRACTOR Posey					RIG NO.					REPORT NO.					DATE 5-23					1977				
MORNING										DAYLIGHT										EVENING														
Driller					Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew									
FROM		TO		FORMATION		WT-BIT		R.P.M.		FROM		TO		FORMATION		WT-BIT		R.P.M.		FROM		TO		FORMATION		WT-BIT		R.P.M.						

SIGNED: Toolpusher

____ Company Supervisor

Pierce #2A

1084 W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 17.2
142	C ₇ 17.46
156	C ₈ 19.38
170	C ₉ 21.64
184	C ₁₀ 23.67

MW	MSC	gas/mol
24	CO ₂	4.18
44	H ₂ O	5.17
28	N ₂	4.16
42	H ₂	3.38

DRIVER SAID WATER @ 80'
STARTED INJ. @ 300
NEXT AM. WATER STANDING @ 100'
PERFORATED Vent Pipe 220'
31 SACKS OF CORE

100		60	.9						
10		70	.3						
			1.9						
20		(7) 80	2.2						
			2.0						
30		(6) 90	1.9						
			1.8						
40		(5) 300	1.6						
			1.7						
50	1.5	(4) 10	1.7			(1) 340	2.4	3.2	3.4
	1.7		1.7			(2) 330	2.5	3.2	4.8
60	1.4	(3) 20	2.2						
	1.0		2.2			(3) 320	2.2	2.8	4.8
70	.8	(2) 30	2.5						
	.8		2.6			(4) 310	1.7	2.2	3.3
80	.9	(1) 40	2.4						
	.9		2.2			(5) 300	1.6	2.3	3.1
90	.9	50	2.2	7.2					
	1.3					(6) 290	1.9	2.6	3.7
200	1.7								
						(7) 280	2.2	2.6	2.8
	.7								
10	.3					(8) 250	1.9	2.3	2.4
	1.0					(9) 240	1.8	2.8	2.8
20	1.5								
						(10) 230	1.6	2.3	2.6
	1.7								
(10) 30	1.6								
	1.9								
(9) 40	1.8								
	1.6								
(8) 50	1.9								
	1.7								

Agreed to
5 Anode Band Red
Plus 1 Anode Due
to Caving of Hole

11.95V 16.7 A 0.74