

1- 30-045-23774
14- 30-045-20907

4605

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

Operator TENNECO Location: Unit NE Sec. 17 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced DAY A #1, DAY A #14

cps 81w

Elevation 6454' Completion Date 8/7/73 Total Depth 700' 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 use
N/A

Depths & thickness of water zones with description of water when possible.
Fresh, Clear, Salty, Sulphur, Etc. N/A

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 8900 lbs.

Depths anodes placed: 685', 675', 665', 655', 645', 635', 615', 605', 570', 540'

Depths vent pipes placed: 685' & 425'

Vent pipe perforations: 194' & 300'

Remarks: qb #2 HOLE MAKING SMALL AMOUNT OF GAS WHILE DRILLING?

not a MERIDIAN well.

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

Note - Static 600' NW Day # A 14 = 0.82

Completion Date 8-7-73

Drilling Log (Attach Hereto). ☐

Well Name Day # 1A & Day # A 14		Location NE 17-29-8		CPS No. 81 W																																									
Type & Size Bit Used 6 3/4		Total Drilling Rig Time		Work Order No. 90009 & 55168																																									
Anode Hole Depth 700	Total Drilling Rig Time	Total Lbs. Coke Used 8,900	Lost Circulation Mat'l Used	No. Sacks Mud Used																																									
<table border="1"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> </tr> <tr> <td># 1 685</td> <td># 2 675</td> <td># 3 665</td> <td># 4 655</td> <td># 5 645</td> <td># 6 635</td> <td># 7 615</td> <td># 8 605</td> </tr> <tr> <td># 1 1.3</td> <td># 2 1.5</td> <td># 3 1.5</td> <td># 4 1.4</td> <td># 5 1.2</td> <td># 6 1.2</td> <td># 7 1.8</td> <td># 8 1.5</td> </tr> <tr> <td># 11 500</td> <td># 12 395</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> <td># 17</td> <td># 18</td> </tr> <tr> <td># 11 2.1</td> <td># 12 2.6</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> <td># 17</td> <td># 18</td> </tr> </table>						Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		# 1 685	# 2 675	# 3 665	# 4 655	# 5 645	# 6 635	# 7 615	# 8 605	# 1 1.3	# 2 1.5	# 3 1.5	# 4 1.4	# 5 1.2	# 6 1.2	# 7 1.8	# 8 1.5	# 11 500	# 12 395	# 13	# 14	# 15	# 16	# 17	# 18	# 11 2.1	# 12 2.6	# 13	# 14	# 15	# 16	# 17	# 18
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Total Circuit Resistance Volts 11.4 Amps 8.0 Ohms 1.42		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used																																									

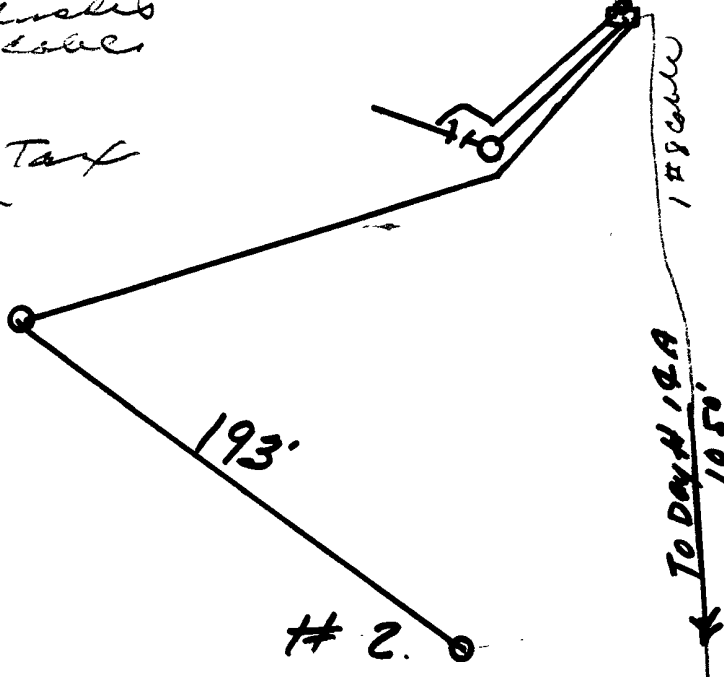
Remarks: Driller said wet at 340, Water level after 4 hrs 495
Drill to 640 with air & water injection - 640 to 700 w Mud.
One vent at 925, Perf. 300, - one vent at 685 perf 194.
Pump 71, Slurry 18 Bag Coke Total 89.
Hole making small amount of Gas while Drilling
left Coke Down 15' From Surface.

All Construction Completed

Sanels
(Signature)

2230.00
676140 coke
800.00 Depth
120.00 Anodes
5760 coke
3915.00
156.60 Tax
4031.40
1
4071.60

GROUND BED LAYOUT SKETCH



81W - 8-3-73 (Lead Hole 8-7-73)

193' Gnd Bed to Gnd Bed

MW	gas/mol
10	4.4
20	8.8
30	13.2
40	17.6
50	22.0
60	26.4
70	30.8
80	35.2
90	39.6
100	44.0
110	48.4
120	52.8
130	57.2
140	61.6
150	66.0
160	70.4
170	74.8
180	79.2
190	83.6
200	88.0

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10	4.4
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200	88.0

3	40	4	20	7	1.0	Driller said wet at 340
		5		6	1.0	Stop Drill at 500 A.M.
	50	8	30	6	9	Log at 900 A.M. wet at 495
		8		7	1.0	Log 495 To 625. Fill with fo
	60	6	40	1.0	1.2	340 & Log to 495
		5		7	1.1	Drill 600w air - To 700w Mud
	70	6	50	6	9	Log 1st Column Drilled with air
		7		6	9	Log 2nd Column Drilled with Mud
	80	7	60	6	9	Vent Perf. 194 Tied to Hole Aside
		7		8	1.0	Condemn Anode Stock at 425 with wire
	90	7	70	8	1.1	with Vent. Perf. 300 -
		13		7	1.0	Had to use Rig & Jet Pump Hose
	400	13	80	7	9	Down - 3 Hrs. Heavy Mud & Numerous Plugs
		14		6	9	Believe Coke Channel up around Pump Hose
	10	1.4	90	7	1.0	Small response on anodes
		11		8	1.0	
	20	8	600	8	1.1	1. 685 1.2 1.0 1.3
		4		12	1.5	2. 675 1.1 1.1 1.5
	30	3	10	11	1.5	3. 665 1.1 1.2 1.5
		3		5	1.2	4. 655 1.2 1.1 1.4
	40	4	20	6	.7	5. 645 1.1 1.0 1.2
		4		8	9	6. 635 1.1 1.0 1.2
	50	5	30		1.1 1.2	7. 615 1.2 1.4 1.8
		4			1.1 1.4	8. 605 1.5 1.0 1.5
	60	3	40		1.1 1.6	9. 570 1.1 1.0 1.2
		4			1.0 1.1	10. 540 1.2 1.0 1.3
	70	4	50		1.1 .7	11. 500 1.8 1.6 2.1
		3			1.2 9	12. 395 1.3 1.8 2.6
	80	4	60		1.2 1.1	
		4			1.1 1.1	11.4V 8.0A = 142W
	90	5	70		1.1 1.1	
		1.1 1.3			1.1	Pump 71 sl - Slurry 19 Total 89
	500	1.1 1.8	80		1.0	
		1.0 1.7			1.2	
	10	.5 1.4	90		1.4	
		6 9			1.2	
			700		1.0	
			705		1.0	

