

139-30-039-06890

43-30-039-06887

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

Operator Union Oil Company of California Location: Unit Sec. 25 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #139 DK Rincon #43 PC

Elevation 6647' Completion Date 7/28/72 Total Depth 700' Land Type* E

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

If Cement or Bentonite Plugs have been placed, show depths & amounts used

None

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 390' - 400' deep 10' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 8300 lbs

Depths anodes placed: 440'-645'

Depths vent pipes placed: ?

Vent pipe perforations: 300'

Remarks: El Paso Natural Gas Co. was the operator at the time this ground bed was installed.

Second ground bed installed at this location.

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.

RECEIVED
MAY 14 1980
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

C.C.S.

Ground Bed #2

Drilling Log (Attach Hereto) ☐

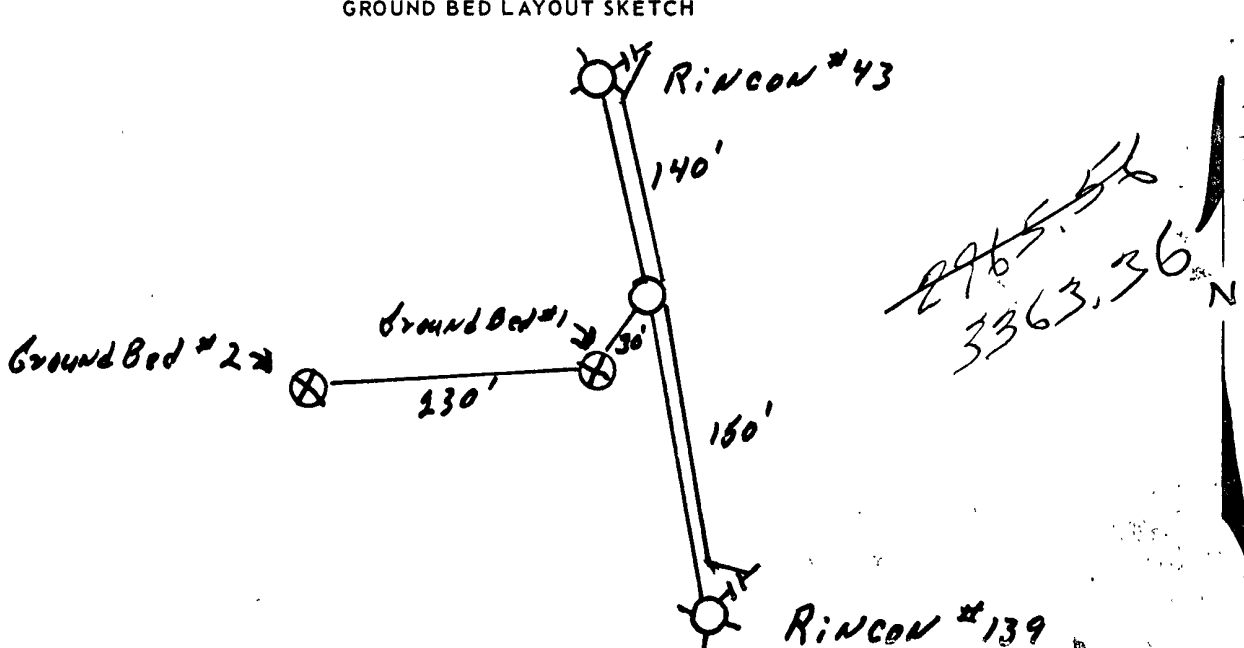
Completion Date 7-28-72

Well Name Rincon #43 & 139		Location SW 25-27N-7W		CPS No. 718W	
Type & Size Bit Used 6 3/4"		Work Order No. 184-52611-19-50-20 184-54861-19-50-20		No. Sacks Mud Used	
Anode Hole Depth 700'	Total Drilling Rig Time	Total Lbs. Coke Used 8300	Lost Circulation Mat'l Used		
Anode Depth					
# 1 645	# 2 615	# 3 605	# 4 585	# 5 575	# 6 500
# 7 485	# 8 475	# 9 450	# 10 440		
Anode Output (Amps)					
# 1 2.3	# 2 2.3	# 3 2.9	# 4 3.4	# 5 3.5	# 6 2.5
# 7 2.5	# 8 2.2	# 9 2.4	# 10 2.2		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 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 12.0	Amps 12.0	Ohms 1.0			

Remarks: Drilled with Air to 580'. Driller said water
AT 400'. Water standing AT 390' AFTER 8 hrs
Tried to Log Bridge AT 435' Driller switched to
Mud Drilled To 700'. Vent Hose Perforated 300'
Pump Hose plugged AT 460' pulled out to unplug
Tried to run pump hose back in hole Bridge AT
325' Hooked up Rig pump and vented Bridge out
Pumped 500 shovels
slurry 80 shovels
All Construction Completed

Paul H
(Signature)

GROUND BED LAYOUT SKETCH



R.VCON *43 = 4.2 M.A.M.P.

R.VCON 139 = 4.9 M.A.M.P. CPS 718W

SW 25-27N-71E

MW	gas/mol
10	6.4
20	6.56
30	6.72
40	6.88
50	7.04
60	7.20
70	7.36
80	7.52
90	7.68
100	7.84
110	8.00
120	8.16
130	8.32
140	8.48
150	8.64
160	8.80
170	8.96
180	9.12
190	9.28
200	9.44
210	9.60
220	9.76
230	9.92
240	10.08
250	10.24
260	10.40
270	10.56
280	10.72
290	10.88
300	11.04
310	11.20
320	11.36
330	11.52
340	11.68
350	11.84
360	12.00
370	12.16
380	12.32
390	12.48
400	12.64
410	12.80
420	12.96
430	13.12
440	13.28
450	13.44
460	13.60
470	13.76
480	13.92
490	14.08
500	14.24
510	14.40
520	14.56
530	14.72
540	14.88
550	15.04
560	15.20
570	15.36
580	15.52
590	15.68
600	15.84
610	16.00
620	16.16
630	16.32
640	16.48
650	16.64
660	16.80
670	16.96
680	17.12
690	17.28
700	17.44
710	17.60
720	17.76
730	17.92
740	18.08
750	18.24
760	18.40
770	18.56
780	18.72
790	18.88
800	19.04
810	19.20
820	19.36
830	19.52
840	19.68
850	19.84
860	20.00
870	20.16
880	20.32
890	20.48
900	20.64
910	20.80
920	20.96
930	21.12
940	21.28
950	21.44
960	21.60
970	21.76
980	21.92
990	22.08
1000	22.24

MW	MSC	gas/mol
40	CO ₂	6.18
10	H ₂ S	5.17
20	N ₂	4.16
30	H ₂	3.15

400	1.6	80	1.3	Drilled with Air To 580'	
	.9	④	2.4	Driller said water at	
10	.9	90	1.4	400' water standing	
	1.1		1.2	AT 390' water 8 hrs	
20	1.5	600	1.1	Tried To log Bridged	
	1.1	③	2.0	AT 435' Driller switched	
30	1.1	10	1.8	To mud Drilled To 700'	
	1.5	①	1.5		
⑩ 40	1.8	20	1.2		
	1.4		.9	Depth Water	
⑤ 50	1.6	30	.9	1 645	1.2
	1.1		1.0	2 645	1.2
60	1.0	40	1.4	3 605	1.5
	.9	①	1.5	4 585	1.7
70	.8	50	1.5	5 575	1.8
⑧	1.6		1.3	6 500	1.5
80	1.7	60	1.9	7 485	1.4
②	1.9		BOTTOM	8 475	1.4
90	1.5	70		9 450	1.3
	1.6			10 440	1.2
⑥ 500	1.9	80			
	1.4				
10	1.0	90		12.0V 12.0 A 10 Ω	
	1.9				
20	.9	700		Hose plugged AT 460' pulled	
	.9			OUT TO UNPLUG TRIED TO	
30	1.0			RUN HOSE BACK IN BRIDGE	
	.8			AT 325 HOOKED ON TO	
70	.8			Rig pump AND RETED OUT	
	.7			BRIDGE	
50	1.3				
	1.1			Pumped 500 SHOVELS	
60	.7			slurry 80 SHOVELS	
	.6				
70	.7				
③	1.5				

