

#25 30-039-06838
#168 30-039-82377

CPS 720

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. 36 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #25 PC Rincon #168 DK

Elevation 6586' Completion Date 11/3/65 Total Depth 500' Land Type* S

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. NA

RECEIVED
MAY 1 1966

Depths gas encountered: NA

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: type unknown 7480 lbs

Depths anodes placed: 202' to 440'

Depths vent pipes placed: 402'

Vent pipe perforations: NA

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

GB#1, GB#2

First 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

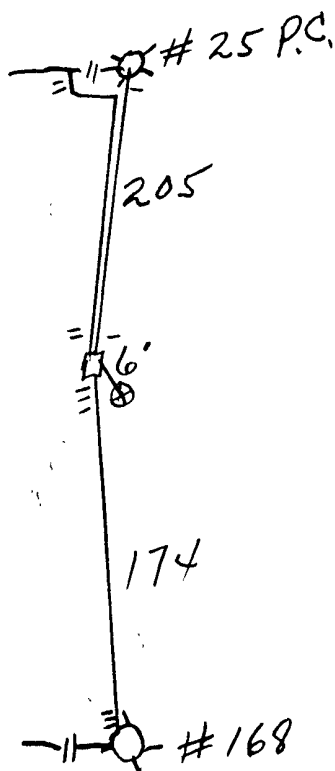
#37

Date Nov 3, 1965

Well Name <u>Rincon # 25 & # 168</u>				CPS No. <u>720W</u>			
Location <u>NE 36-27-7</u>				Work Order No. <u>184-52499-50-20</u>			
Anode Hole Depth <u>500</u>	Total Drilling Rig Time <u>47 Hrs.</u>	Type & Size Bit Used <u>37481-210'</u>		No. Sacks Mud Used <u>0</u>			
No. Sacks Lost Circulation Mat'l Used <u>0</u>	Anode Depth <u>#7-404</u>	<u>#8 398</u>	<u>#9 392</u>	<u>#10 202'</u>			
	<u>#1 440</u>	<u>#2 434</u>	<u>#3 428</u>	<u>#4 422</u>	<u>#5 416</u>	<u>#6 410</u>	
Total Lbs. Coke Used <u>7480</u>	Anode Output (Volts) <u>#7 2.0</u>	<u>#8 2.2</u>	<u>#9 2.3</u>	<u>#10 2.5</u>			
	<u>#1 2.0</u>	<u>#2 3.2</u>	<u>#3 3.4</u>	<u>#4 3.4</u>	<u>#5 2.4</u>	<u>#6 1.5</u>	
Total Circuit Resistance Volts <u>11.3</u>	Amps <u>10.0</u>	Ohms <u>1.13</u>	No. Ft. Surface Cable Conduit <u>750'</u>				

Drilling Log (Attach Hereto). ☐

Remarks: STATICS Rincon 600' EAST #25 = .68 Rincon #168 = .65
8 Anodes = 11.6V 8.0A = 1.45 3/4" Plastic Hose to #9 Anode 402'
Good All Rectifier 30V 20A (3 NEG) Ser. #65C 6664
4 lbs Chemical



GROUND BED LAYOUT SKETCH

All Construction Completed

Barrels
(Signature)

4796' #8 PABLE

DATE 10-27-28-29 19

EVENING

Hand

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. 36 Twp. 27N Rng. 7W

Name of Well/Wells or Pipeline Serviced Rincon #25 PC Rincon #168 DK

Elevation 6586' Completion Date 7/24/71 Total Depth 700' Land Type* S

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

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MAY 14 1990

OIL CON. DIV.

DIST. 3

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. 140' - 166' deep 26' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 13,600 obs

Depths anodes placed: 440 to 620'

Depths vent pipes placed: NA

Vent pipe perforations: 325'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

CPS CONTRACT

Drilling Log (Attach Hereto) ☐

Completion Date 7/24/71

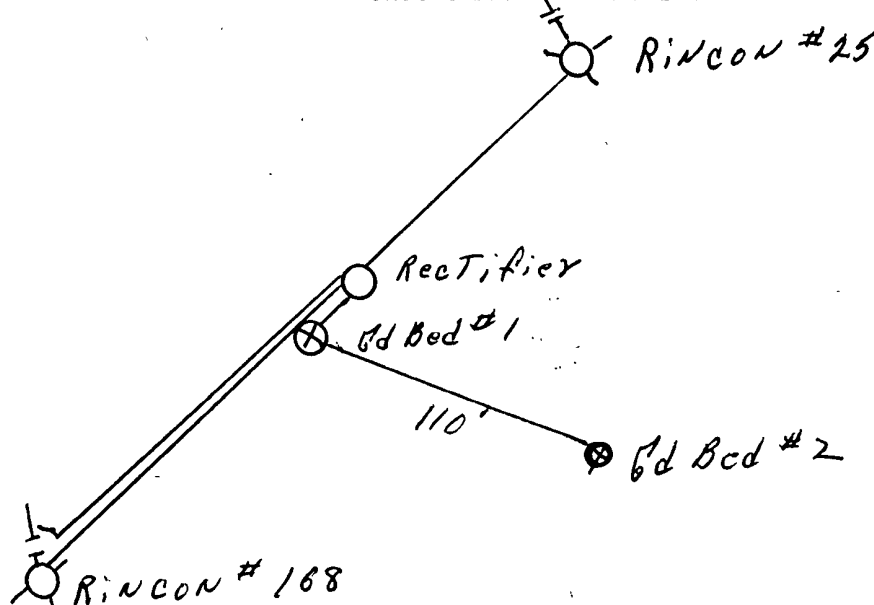
Well Name <u>RINCON #25</u> <u>RINCON #168</u>		Location <u>NE-36-27N-7W</u>		CPS No. <u>720 W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>184-54299-19-50-20</u> <u>184-54257-19-50-20</u>	
Anode Hole Depth <u>700</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>13,600</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>620</u>	# 2 <u>610</u>	# 3 <u>595</u>	# 4 <u>575</u>	# 5 <u>565</u>	# 6 <u>555</u>
# 7 <u>545</u>	# 8 <u>530</u>	# 9 <u>450</u>	# 10 <u>440</u>		
Anode Output (Amps)					
# 1 <u>2.3</u>	# 2 <u>2.4</u>	# 3 <u>2.1</u>	# 4 <u>2.3</u>	# 5 <u>2.4</u>	# 6 <u>2.5</u>
# 7 <u>2.2</u>	# 8 <u>2.8</u>	# 9 <u>2.2</u>	# 10 <u>2.3</u>		
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 <u>12</u>	Amps <u>12.2</u>	Ohms <u>0.98</u>	<u>120'</u>		

Remarks: VENT HOSE Perforated 325' TO #1 ANODE
Pumped 350 SHOVELS 50 SACKS TO APP 430' ~~PERFORATED~~ ONE
LOAD OF WATER. Pumped 695 SHOVELS (99 SACKS) TO 40'
COMPLETED BY SLURRY. DRILLER BLEW WATER OUT OF
HOLE @ 340'
NOTE: JUNCTION BOX NOT SET CABLE NOT BARED

All Construction Completed

Edward R. Boudy
(Signature)

GROUND BED LAYOUT SKETCH



720 W

RINCO # 168

SUNCO # 45

Vent Hose Perforated 325'

MW	gas/mol
18	C ₁ 6.7
30	C ₂ 8.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.81
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.4
156	NC ₇ 17.44
170	C ₈ 19.38
184	C ₉ 19.24
198	C ₁₀ 21.17

MW	gas/mol
44	CO ₂ 6.38
16	H ₂ 5.17
28	N ₂ 4.10
2	H ₂ 3.38

340	.03	510	.60	80	.76	WATER COKE	
			.64	614	.82	1	620 1.70 2.3
	.90	20	.51	90		2	610 1.80 2.4
50	.86		.87			3	595 1.53 2.1
	.85	30	1.60	700		4	575 1.78 2.7
60	.66		2.1			5	565 1.76 2.4
	.62	40	1.76			6	555 1.74 2.5
70	.97		1.49			7	545 1.61 2.2
	1.08	50	1.40			8	530 1.75 2.8
80	1.16		1.50			9	450 1.71 2.2
	.93	60	1.76			10	440 1.93 2.3
90	.82		1.60				
	.81	70	1.65				12V 12.2A
400	.81		1.55				
	.75	80	1.08				Pumped 350 S/Hovels (50 sacks)
10	.71		1.0				First Load of WATER to 430'
	.98	90	1.18				Pumped 195 S/Hovels 99 sacks
20	.83		1.47				To 40' completed & slurry
	.78	600	1.17				total 13,600 lbs
30	1.0		1.51				
	1.58	10	1.57				
40	1.81		1.63				Per Total Depth = 645'
	1.67	20	1.48				Extras = 145'
50	1.68		1.05				
	.98	30	.90				
60	.77		.85				
	.66	40	.83				
70	.61		.83				
	.60	50	.75				
80	.56		.77				
	.56	60	.55				
90	.60		.75				
	.56	70	.84				
580	.57		.87				
	.58						

DAILY DRILLING REPORT

19/1

DAYLIGHT

EVENING

Driller						Total Men In Crew					
FROM	TO	FORMATION	WT-BIT	R.P.M.		FROM	TO	FORMATION	WT-BIT	R.P.M.	
0	51	Clay + shale				166	205'	shale			
51	103	sand + sand stone				205'	236	shaly sand -			
103	125	shale				236	270	shale + soy shale			
125	166	sand + sandstone				270	291	shaly sand -			
SERIAL NO.	NO. DC		SIZE	LENG.		SERIAL NO.	NO. DC		SIZE	LENG.	
SIZE	STANDS					SIZE	STANDS				
TYPE	DOWN ON KELLY					TYPE	DOWN ON KELLY				
MAKE	TOTAL DEPTH					MAKE	TOTAL DEPTH				
MUD RECORD	MUD, ADDITIVES USED AND RECEIVED					MUD RECORD	MUD, ADDITIVES USED AND RECEIVED				
Time	WT.	VIS.				Time	WT.	VIS.			
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN			
REMARKS -						REMARKS -					
Dripped To 146 w/ Air - Hole wet 140' - 166' - Blue mud Balls out of hole - Dripped To 440 w/ Air + water. End. Logged & holed Hole 10 Hrs. Drilling Time.						Dripped To 146 w/ Air - Hole wet 140' - 166' - Blue mud Balls out of hole - Dripped To 440 w/ Air + water. End. Logged & holed Hole 10 Hrs. Drilling Time.					