

CPS 736
#127 30-039-06918

#153 30-039-06931

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. 28 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #153 PC Rincon #127 MV

Elevation 6566' Completion Date 11/22/65 Total Depth 360 Land Type* F

Casing, Sizes, Types & Depths None

RECEIVED
MAY 14 1990

If Casing is cemented, show amounts & types used None

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. 70' to 80' deep 10' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 5200 lbs

Depths anodes placed: 128' - 290'

Depths vent pipes placed: 138'

Vent pipe perforations: NA

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

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

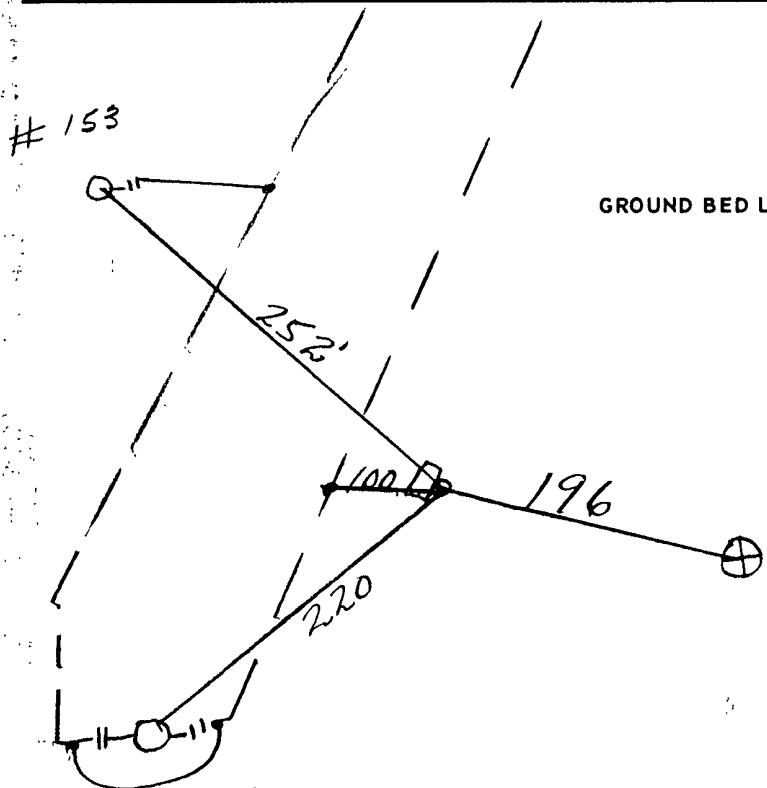
Item #53
#3 Drag = 80'
4 3/4"

Date 12-1-65

Well Name Rincon #153 & 127			CPS No. 736 W		
Location NE 28-27-6			Work Order No. 54042 184- 53826 50-20		
Anode Hole Depth 360	Total Drilling Rig Time 27	Type & Size Bit Used 7 7/8 - 70029 X = 360		No. Sacks Mud Used 0	
No. Sacks Lost Circulation Mat'l Used 0	Anode Depth	#1 254	#2 284	#3 278	#4 272
		#5 266	#6 260		
Total Lbs. Coke Used 5200	Anode Output (Volts)	#1 3.1	#2 3.4	#3 3.2	#4 3.1
		#5 3.0	#6 2.4		
Total Circuit Resistance Volts 11.6	Amps 120	Ohms .96	No. Ft. Surface Cable Conduit 828'		

Drilling Log (Attach Hereto). ☐

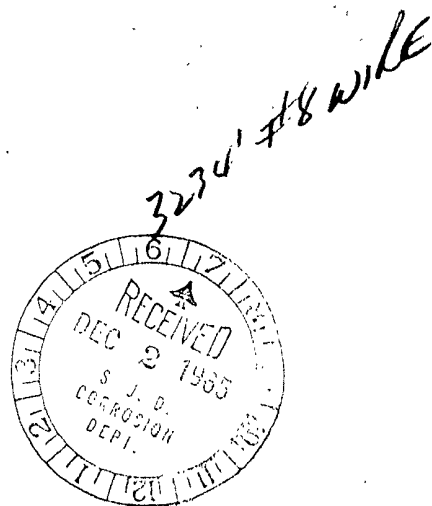
Remarks: 2 ft. 600' K #127 = .73 600' W #153 = .70
Install Good All Rectifier 30V 20A (3 NEG.) Ser. #65C6677
(8 Anodes = 1.5 ohms) 3/4" Plastic Hose to No 10 Anode = 138'
4 lbs Chemical To G.B.



GROUND BED LAYOUT SKETCH

All Construction Completed

Barrels
(Signature)



BOND #127
Original & 1 Copy All Reports

DAILY DRILLING REPORT

DATE 11-22-1963

EVENING

Total Men In Crew

BBM

TOTAL DEPTH

TOTAL DEPTH

TOTAL DEPTH

MUD ADDITIVES USED AND RECEIVED

$$V_{15}$$

TIME BREAKDOWN

TIME BREAKDOWN		
11-22-65-	1 1/2	hrs
11-24-65-	8 1/2	hrs
11-30-65-	10	hrs
12-1-65-	7	hrs

REMARKS -

MARKS -	REMARKS -	REMARKS -
11-22-65	- left last loc. 330 Moved to new loc. Drilled meter Pole hole	
11-29-65	- Moved to ground but drilled 80' with 4.25 left rig at 500	
11-30-65	- left yard at 600 moved rig 745 had trouble standing rig down 1 1/2 hr. Drilled from 0 to 190' left rig at 500	
12-1-65	- left yard at 600 moved rig 745 Drilled from 190' to 310 left rig at 500	
	- left yard at 600 moved rig 745 Drilled from 310' to 360' left lat at 200	

Company Supervisor

Járrala

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. 28 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #153 PC Rincon #127 MV

Elevation 6566' Completion Date 10/14/76 Total Depth 335' Land Type* F

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

RECEIVED
MAY 14 1990

OIL CON. DIV. 1
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. 80' - 110' Deep 30' Thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 3500 lbs

Depths anodes placed: 125' to 285'

Depths vent pipes placed: NA

Vent pipe perforations: 267'

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

Logged

Drilling Log (Attach Hereto). ☐

Completion Date **10-14-76**

Well Name RINCON #153 #127		Location NE 28-27-6		CPS No. 736 W	
Type & Size Bit Used 6 3/4				Work Order No. 54042 53826	
Anode Hole Depth Log 335	Total Drilling Rig Time	Total Lbs. Coke Used 35 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 285	# 2 275	# 3 265	# 4 255	# 5 135	# 6 125
# 7	# 8	# 9	# 10		
Anode Output (Amps)					
# 1 2.3	# 2 2.5	# 3 2.1	# 4 2.10	# 5 3.2	# 6 4.6
# 7	# 8	# 9	# 10		
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 9.4	Ohms 1.27			

Remarks: **DRILLER SAID WET 80' to 110'**
VENT PERP. 267
35 SACKS SLURRY

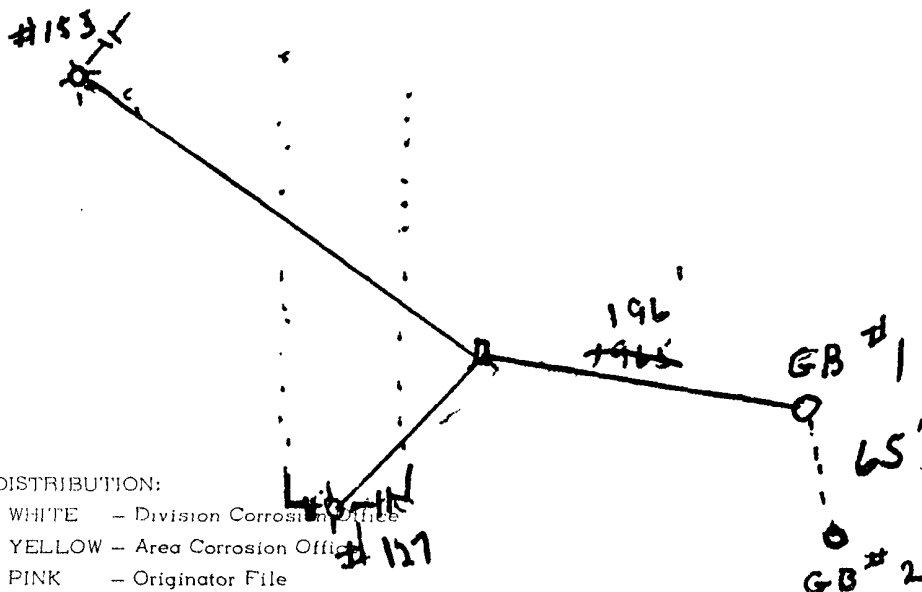
All Construction Completed

C.W. Hines

(Signature)

GROUND BED LAYOUT SKETCH

\$2,648.00
- 45.00 Depth Credit
43.00 Addn'l. Anode
16.20 " " Cable
26.25 Surf. Cable
2,688.45
- 107.53
2,795.98
210.00 Coker
213.40 Insp.
50.00 Misc.
\$3,269.38 TOTAL



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: 10-14-76

7-36 W

RINCON # 153 NE 28-27-6 54042
27 53826

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	IC ₄ 12.38
58.12	nC ₄ 11.93
72.15	IC ₅ 13.85
72.15	nC ₅ 13.71
86.18	IC ₆ 15.50
86.18	C ₆ 15.57
100.21	IC ₇ 17.2
100.21	C ₇ 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 9.67

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

100	.4	325	.4		
95	.2	30	.4		
90	.2	25		TD 33.5	
85	1.5				
80	1.8				
75	2.3				
70	2.0				
65	1.7				
60	.8				
55	.6				
50	.4				
45	.2				
40	.4				
35	.3				
30	.2	1	285	1.2	2.3
25	.1	2	275	1.3	2.5
20	.1	3	265	1.2	2.1
15	.2	4	255	1.0	2.0
10	.2	5	135	1.9	3.2
5	.2	6	125	2.7	4.6
	.2				
	.3				
	.6			12.0 V	
	.4			9.4 A	1.27 R
	.5				
	.5				
	.5				
	.5				
	.6				
	.7				
	1.0				
	1.0				
	1.1				
	1.1				
	1.1				
	1.3				
	1.1				
	.9				
	.5				
300	.5				
250	.5				
200	.6				
150	.4				
100	.4				

DRILLER SAID 80' to 110' WET

35 STACKS
267' DEPT PERF

START CORRE 12:25

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE _____ WELL NO. 736 w CONTRACTOR Lucy Drilling RIG NO. _____ REPORT NO. _____ DATE 10-12 1976

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.

BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____
SERIAL NO. _____		NO. DC _____ SIZE _____ LENG. _____	SERIAL NO. _____		NO. DC _____ SIZE _____ LENG. _____	SERIAL NO. _____		NO. DC _____ SIZE _____ LENG. _____
SIZE _____		STANDS _____	SIZE _____		STANDS _____	SIZE _____		STANDS _____
TYPE _____		SINGLES _____	TYPE _____		SINGLES _____	TYPE _____		SINGLES _____
MAKE _____		DOWN ON KELLY _____	MAKE _____		DOWN ON KELLY _____	MAKE _____		DOWN ON KELLY _____
TOTAL DEPTH _____			TOTAL DEPTH _____			TOTAL DEPTH _____		

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	WL	Vis.				Time	WL	Vis.				Time	WL	Vis.			

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	10	Surface	280	300	Shale			
10	50	dry	300	340	Sandy Shale			
50	80	Shale						
80	110	Sand wet						
110	130	Sandy Shale						
130	150	Shale						

REMARKS -	REMARKS -
150-170 Sandy Shale	
170-175 Shale	
175-185 Sandy Shale	
185-220 Sand wet	
220-245 Shale	
245-270 Sandy Shale	
270-280 Sand	

SIGNED: Toolpusher _____ Company Supervisor _____