

32-30-039-07066
179-30-039-07076

CPS 683 - 2

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. 16 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon Unit 32 MV, Rincon Unit 179 DK
and Rincon 194 PC

Elevation 6,000 Completion Date 10/13/1976 Total Depth 320' Land Type* S

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used NA

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 110'-10' thick; 170'-5' thick, 230'-10' thick

Depths gas encountered: NA

Type & amount of coke breeze used: Type unknown - 36 sacks

Depths anodes placed: 245'

Depths vent pipes placed: 240'

Vent pipe perforations: 230'

Remarks: El Paso Natural Gas was operator at the time this ground bed was installed .
water type unavailable. This is the 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 03 1990
OIL CON. DIV.
DIST. 3

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILL

LEASE _____ WELL NO. **6830** CONTRACTOR **Posey Drilling** BIG NO. _____ REPORT NO. _____ DATE **7**

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

NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____	
BIT NO. _____		BIT NO. _____		BIT NO. _____		BIT NO. _____		BIT NO. _____	
SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____	
STANDS _____		STANDS _____		STANDS _____		STANDS _____		STANDS _____	
SINGLES _____		SINGLES _____		SINGLES _____		SINGLES _____		SINGLES _____	
DOWN ON KELLY _____		DOWN ON KELLY _____		DOWN ON KELLY _____		DOWN ON KELLY _____		DOWN ON KELLY _____	
TOTAL DEPTH _____		TOTAL DEPTH _____		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	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	7	Surface	240	275	Sandy Shale			
7	30	Shale	275	285	Sand			
30	52	Sand Sand	285	305	Sandy Shale			
5	60	Shale	305	320	Sand			
60	75	Sand wet						
75	110	Shale						

REMARKS -	REMARKS -	REMARKS -
110-120 Sand wet		Inj at 2
120-130 Shale		
130-150 Sand wet		
150-170 Shale		
170-175 Sand wet		
175-230 Sandy Shale		
230-240 Sand wet		

SIGNED: Toolpusher _____ Company Supervisor _____

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

10-15-76

RINCON #32
" #179
" #194

NE 16-27-6

52697 683 W
54210
55505

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

50		275		.4		.3			
55		80		.3		.3			
60		85		.2					
65		90		.3					
70		95		.3					
75		300							
80		5							
85		10							
90		15							
95		20							
100									
5									
10									
15									
20									
25	.7								
30	.6								
35	.4								
40	.6								
45	.9								
50	.8								
55	.5								
60	.4								
65	.3	1.0							
70	.5	1.3							
75	1.2	1.2	*						
80	1.1	1.6	*						
85	1.5	1.5	*						
90	1.5	1.4	*						
95	1.6	1.4	*						
100	1.5	1.1	*						
5	1.4	1.2							
10	1.3	1.4							
15	1.0	1.6							
20	1.3	1.7							
25	1.6	1.1							
30	1.6	.9							
35	1.7	1.0	*						
40	1.0	1.5							
45	.9	1.3	*						
50	1.2	.7							
55	1.5	.4							
60	1.2	.5							
65	.6	.5							
70	.4	.4							
75	.5	.2							
12.9A									
36 SACKS									
VENT									
PER									
230'									

TD
288
+ 5

Log 293'

298
287
1512.9A
36 SACKS
VENT PER 230'

11.8 V 0.91 R

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Logged

Completion Date 10-15-76

Well Name RINCON		# 32 179		Location NE 16-27-6		CPS No. 683 W	
Type & Size Bit Used 144						Work Order No. 52697 54270 55505	
Anode Hole Depth Log 293	Total Drilling Rig Time	Total Lbs. Coke Used 36 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used			
Anode Feet:							
# 1 240	# 2 230	# 3 215	# 4 205	# 5 190	# 6 180	# 7 170	# 8
# 9	# 10						
Anode Output (Amps)							
# 1 4.3	# 2 4.2	# 3 4.6	# 4 2.7	# 5 4.5	# 6 4.9	# 7 3.2	# 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							
Volts 11.8	Amps 12.9	Ohms .91	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		

Remarks: **DRILLER SAID WET 110'**
VENT PERF 230'
36 SACKS SLURRY

\$2,648.00
- 171.00
86.00 Addn'l. Anodes
44.40 " " Cable
24.50 Surf. Cable
2,631.90
105.27

All Construction Completed

C. W. Hines
(Signature)

GROUND BED LAYOUT SKETCH

G.A. #1
G.A. 2
approx. 60'

N

DISTRIBUTION:

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

2,737.17
216.00 COKE
213.40 INSP.
50.00 MISC
\$3,216.57