

136 - 30-039-82376

64 - 30-039-06995

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. 23 Twp 27 Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #136 DK Rincon #64 PC

Elevation 6628' Completion Date 10/20/76 Total Depth 560' Land Type* F

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. 195' Deep Thickness unknown

Depths gas encountered: BA

Type & amount of coke breeze used: type unknown 7000 lbs

Depths anodes placed: 380' - 523'

Depths vent pipes placed: NA

Vent pipe perforations: 330'

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.

RECEIVED
JUN 14 1990

OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 10-20-76

Well Name RINCON #136		Location NE 23-27-7		CPS No. 1081 W	
Type & Size Bit Used 6 3/4				Work Order No. 53870	
Anode Hole Depth Log 543'		Total Drilling Rig Time		Total Lbs. Coke Used 70 Sacks	
Anode Depth		Lost Circulation Mat'l Used		No. Sacks Mud Used	
# 1	525	# 2	500	# 3	490
# 4	480	# 5	470	# 6	435
# 7	410	# 8	400	# 9	390
# 10	380	# 11	370	# 12	360
Anode Output (Amps)		Anode Output (Amps)		Anode Output (Amps)	
# 1	1.5	# 2	2.4	# 3	2.8
# 4	2.7	# 5	2.4	# 6	1.7
# 7	2.0	# 8	2.9	# 9	2.4
# 10	1.8	# 11		# 12	
Anode Depth		Anode Depth		Anode Depth	
# 11		# 12		# 13	
# 14		# 15		# 16	
# 17		# 18		# 19	
# 20		# 21		# 22	
Anode Output (Amps)		Anode Output (Amps)		Anode Output (Amps)	
# 11		# 12		# 13	
# 14		# 15		# 16	
# 17		# 18		# 19	
# 20		# 21		# 22	
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.8		Amps 11.8		Ohms 1.0	

Remarks: **DRILLER SAID WATER @ 195'**
VENT PERF 330'
70 SACKS SLURRY

\$2,648.00
926.40 x Depth
215.00 Add'l. Anodes
268.00 Cable
4,057.40
162.29

All Construction Completed

C. W. Hines
(Signature)

GROUND BED LAYOUT SKETCH

4,219.69
194.50 Rect.
420.00 Coke
213.40 I.W.S.P.
50.00 MISC.

\$5,097.59

#136
150' APPROX.
G.B.

DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 10-2076
Date: 10-20-76
By: _____
File: _____

RINCON #136

NE 23-27 7

1081W

53870

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

100		30	.1				
10		40	.2				
20		50	.1				
30		60	.2				
40		70	.3				
50		80	.4				
60		90	.6				
70		400	.9				
80		10	.9	-			
90		20	.8	-			
200		30	1.0	-			
10		40	1.0	-			
20		50	1.2	-			
30		60	.9	-			
40		70	.7	-			
50		80	.6	-			
60		90	.7	-			
70		500	.6	-			
80		10	1.1	-			
90		20	1.2	-			
300		30	1.2	-			
10		40	1.0	-			
20	15	50	.9	-			
	4	60	.8	-			
		70	.7	-			
		80	.5	-			
		90	.5	-			
		500	.9	-			
		10	1.2	-			
		20	1.1	-			
		30	.9	-			
		40	.9	-			

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

Vent Perf 330

DRILLERS' WATER @ 195'
70 STEPSTD
54311.8 A 1.0 R
11.8 V

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE _____ WELL NO. 1081W CONTRACTOR Ross RIG NO. _____ REPORT NO. _____ DATE 10-20 19 76

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. _____
SER. NO.	SIZE	SER. NO.	SIZE	TYPE	SER. NO.	SIZE	SER. NO.	SIZE	TYPE	SER. NO.	SIZE	SER. NO.	SIZE	TYPE

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
6-7	7-35	Surface	230-370	370-375	Sand wet	490-495	495-510	Sandy shale
7-35	35-40	Shale	375-379	379-382	Shale	510-545	545-560	Sandy shale
35-40	40-75	Sand	382-390	390-425	Sand			
40-75	75-90	Shale						
75-90	90-110	Sand						
90-110		Shale						

REMARKS-		REMARKS-		REMARKS-	
110-140	Sand	425-430	Sand	<u>Water 195</u>	
140-145	Shale	430-435	Shale		
145-180	Sand, Damp	435-445	Sand		
180-195	Sand wet	445-452	Shale		
195-210	Sandy shale	452-456	Sand		
210-250	Sand, Damp	456-460	Shale		
250-260	Shale	460-475	Sand		
260-320	Sand	475-490	Shale		
320-330	Shale				

SIGNED: Toolpusher _____

Company Supervisor _____