

133-30-039-07050

36-30-039-07031

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. 14 Twp 27 Rng 7

Name of Well/Wells or Pipeline Serviced Rincon #133 DK Rincon #36 PC

Elevation 6728' Completion Date 10/22/76 Total Depth 360' 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. 80' - 110' Deep 30' thick

115' - 120' Deep 5' Thick, 210'-230' Deep 20' Thick, 265'-270' Deep 5' Thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 50 sacks

Depths anodes placed: 125' to 255'

Depths vent pipes placed: NA

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-Free.

If Federal or Indian, add Lease Number.

MAY 14 1990

OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 10-22-76

Well Name RINCON #133		Location 5W14-27-7		CPS No. 1080W	
Type & Size Bit Used 6 3/4				Work Order No. 54263	
Anode Hole Depth Log 350'	Total Drilling Rig Time	Total Lbs. Coke Used 50 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 255	# 2 245	# 3 235	# 4 195	# 5 185	# 6 175
# 7 160	# 8 150	# 9 140	# 10 125		
Anode Output (Amps)					
# 1 2.5	# 2 2.8	# 3 2.1	# 4 2.5	# 5 3.0	# 6 2.7
# 7 2.1	# 8 3.1	# 9 3.2	# 10 3.2		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 11.8		Amps 11.5		Ohms 1.01	
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: **DRILLER SAID WATER AT 110'**
50 SACKS SLURRY

\$2,648.00
215.00 Add'l. Anodes
96.00 " " Cable

2,959.00
118.36 TAX

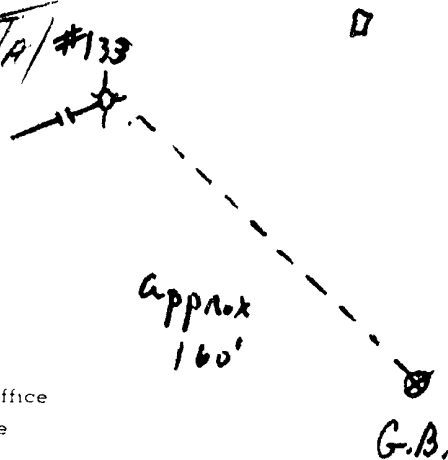
3,077.36
300.00 COKE
194.50 RECT
213.40 INSP.
50.00 MISC.

\$3,835.26 TOTAL #133

All Construction Completed

C.W. Hinz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: **10-22-77**

By: _____

File: _____

RINCON #133**15W 14-27-7****1080W
S4263**

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

100	3	325	2				
	7	30	2				
10	8		2				
	12	40	4				
20	19		1		345 + 5 TD		
	19	50					
30	15						
	18	60					
40	18						
	20						
50	20		1.	255	1.3	2.5	
	16		2.	245	1.3	2.8	
60	14		3.	235	1.4	2.6	
	11		4.	195	1.6	2.5	
70	14		5.	185	1.9	3.0	
	11		6.	175	1.7	2.7	
80	12		7.	160	1.4	2.1	
	18		8.	150	2.0	2.1 3.1	
90	16		9.	140	1.9	3.2	
	16		10.	125	1.9	3.2	
200	16						
	13						
10	12				11.7 V		
	12				11.5 a		
20	12						
	14				1.01 S		
30	13						
	14	- X					
40	12				50 SACKS SLURRY		
	13	- X					
50	13				DRILLER + 10 WATER @ 110'		
	13	- X					
60	10						
	9						
70	9						
	9						
80	3.						
	2.						
90	1.						
	3						
300	4						
	4						
10	5						
	9						
20	2						

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE		WELL NO. <u>1080 W</u>		CONTRACTOR <u>Perry</u>		RIG NO.		REPORT NO.		DATE <u>10-22</u>		19 <u>76</u>					
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. _____		BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____			
SER. NO. _____		STANDS _____		SER. NO. _____		STANDS _____		SER. NO. _____		STANDS _____		SER. NO. _____		STANDS _____			
SIZE _____		SINGLES _____		SIZE _____		SINGLES _____		SIZE _____		SINGLES _____		SIZE _____		SINGLES _____			
TYPE _____		DOWN ON KELLY _____		TYPE _____		DOWN ON KELLY _____		TYPE _____		DOWN ON KELLY _____		TYPE _____		DOWN ON KELLY _____			
MAKE _____		TOTAL DEPTH _____		MAKE _____		TOTAL DEPTH _____		MAKE _____		TOTAL DEPTH _____		MAKE _____		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.			
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN					
0	12	Surface			210	230	Sand wet										
12	20	CLAY			230	240	Shale										
20	60	Shale			240	265	Sandy shale										
2	75	Sand Dry			265	270	Sand wet										
75	80	Shale			270	280	Shale										
					280	305	Sand Dry										
REMARKS -					REMARKS -					REMARKS -							
80 - 110 Sand wet					305 - 320 Shale					Inj at 340							
110 - 115 Shale					320 - 340 Sand					Making Water at 110 -							
115 - 120 Sand wet					340 - 360 Sand												
120 - 205 Shale																	
205 - 210 Sandy Shale																	

SIGNED: Toolpusher _____ Company Supervisor _____