

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-Fee.

If Federal or Indian, add Lease Number.

MAY 14 1990

OIL CON. DIV.
DIST. C

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

106660

Completion Date 10-22-76

Well Name RINCON #133		Location SW14-27-7		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 2.4	# 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
# 17	# 18	# 19	# 20		
Total Circuit Resistance	Volts 11.8		Amps 1.01		No. 8 C.P. Cable Used
					No. 2 C.P. Cable Used

Remarks: **DRILLER SAID WATERAT 110'**
50 SACKS SLURRY

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

2,959.00
118.36 TAX

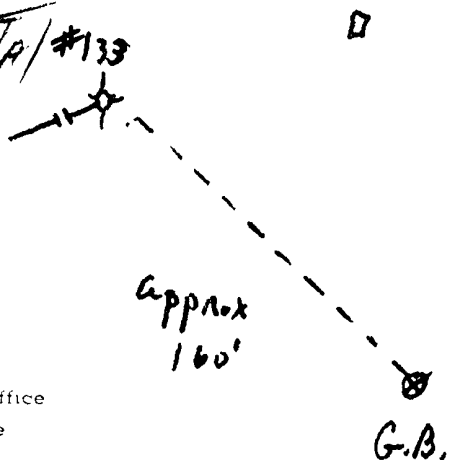
3,077.36
300.00 COKE
194.50 RECT
213.40 INSP.
50.00 MISC

\$3,835.26 TOTAL #133

All Construction Completed

C.W. Harris
(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

15.5W 14-27-7

1080W
54263

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	3	325	2				
10	7	30	2				
	8		2				
20	1.2	40	4				
	1.9		1				
30	1.9	50					
	1.5	60					
40	1.8						
	1.8						
50	2.0						
	2.0						
60	1.6		1.	255	1.3	2.5	
	1.4		2.	245	1.3	2.8	
70	1.4		3.	235	1.4	2.6	
	1.1		4.	195	1.6	2.5	
80	1.4		5.	185	1.9	3.0	
	1.1		6.	175	1.7	2.7	
90	1.2		7.	160	1.4	2.1	
	1.8		8.	150	2.0	3.1	
200	1.6		9.	140	1.9	3.2	
	1.6		10.	125	1.9	3.2	
10	3						
	2						
20	2						
	4						
30	1.3						
	1.4						
40	1.2						
	1.3						
50	1.3						
	1.3						
60	1.0						
	1.9						
70	1.9						
	1.4						
80	3.2						
	3.2						
90	1.3						
	1.3						
300	4						
	4						
10	5						
	5						
20	3						
	3						

345 + 5 TD

11.7 V
11.5 a

1.01 S

50 SACKS SLURRY

DRILLER 2410 WATER @ 110'

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE _____ WELL NO. 1080 W CONTRACTOR Perry RIG NO. _____ REPORT NO. _____ DATE 10-22 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.
SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. 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	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			
	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	Gry 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 _____