

30-039-22312

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 27 Rng 6

Name of Well/Wells or Pipeline Serviced Rinocn 32A MV

Elevation 6541' Completion Date 7-18-81 Total Depth 345' Land Type* S

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. 85' Deep Thickness unknown

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 3000 lbs

Depths anodes placed: 205' to 300'

Depths vent pipes placed: 330'

Vent pipe perforations: 280'

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
MAY 21 1990
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto)

Completion Date 7-18-81

Well Name Rincon II. #32A		Location SE 16-27-6				CPS No. 1590W													
Type & Size Bit Used 6 3/4 MILL TOOTH		ANodes = 2" x 60" Duriron				Work Order No. 57902-21-50-20													
Anode Hole Depth 345 Log 330		Total Drilling Rig Time		Total Lbs. Coke Used APPROX 3000		Lost Circulation Mat'l Used		No. Sacks Mud Used											
Anode Depth																			
# 1	300	# 2	290	# 3	280	# 4	265	# 5	255	# 6	245	# 7	235	# 8	225	# 9	215	# 10	205
Anode Output (Amps)																			
# 1	2.6	# 2	2.5	# 3	3.2	# 4	2.4	# 5	2.7	# 6	2.5	# 7	2.7	# 8	3.3	# 9	3.6	# 10	2.9
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	12.3	Amps	14.2	Ohms	.87														

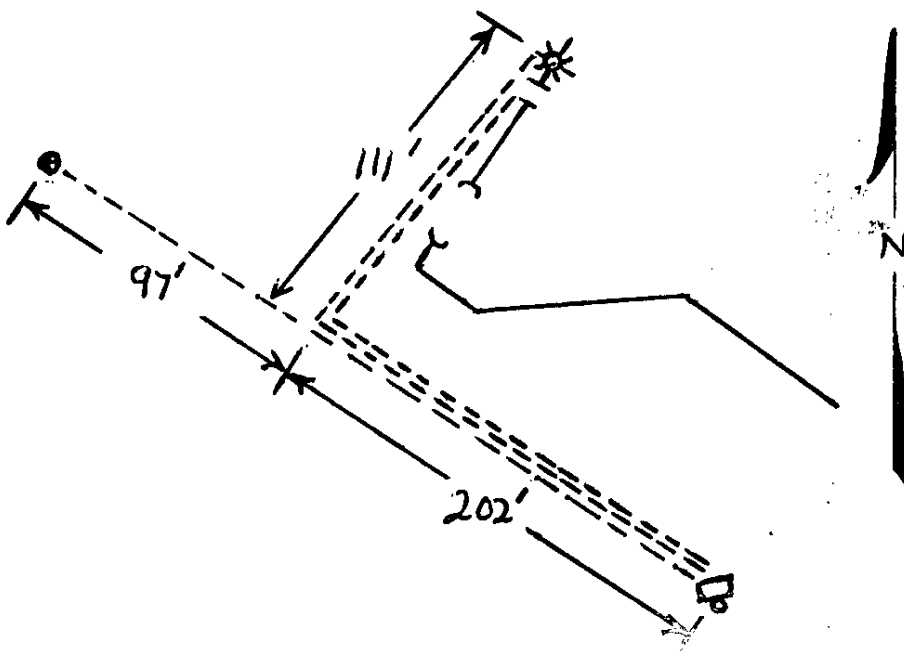
Remarks: STATIC 1/8 600' NE = .83 1010MA+ UNION = OK
Driller said water at 85' Drilled to 100' WAITED 20 MIN - observed
When driller caught water sample. Drilled to 345' Logged
330'. INST 330' VENT pipe with 280' perf. Slurried
APPROX 3000 lbs of Bulk coke.

Hole depth = -170,
 extra cable = 535',
 ditch & cable = 410',
 25' meter loop
 40V16A Rect.

All Construction Completed

Robert J. Balmis
 (Signature)

GROUND BED LAYOUT SKETCH



	Reg	O.T.
7-17	4	
7-18		7

DISTRIBUTION:

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

1590 W Rincon U. #32A SE16-27-6 7-17- 4hrs
 57902-21-50-20 7-18- 9hrs
 ST 9/5.600 NE = .83 1110 MAT UNION = OK
 .72 clean

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

90	.9	70	.9	Driller SAID WATER AT 85' drilled to 100' waited 20 MIN - observed when driller, Blew WATER OUT OF hole, APPROX 16PM. Drilled 345' Logged TOTAL WATER 6PM INST 330' VENT Pipe 280 FT PERF Slurried APPROX 3000 POUNDS Bulk coke
	.7		.7	
100	1.4	80	1.5	
	1.8		1.6	
10	1.9	90	1.5	
	2.2		1.2	
20	2.3	300	1.3	
	2.2		1.1	
30	1.8	10	.8	
	1.4		.6	
40	1.3	20	.4	
	1.7		.5	
50	2.0	30		— 330TD
	2.0			
60	2.0	40		
	1.7			
70	1.6			
	1.2			
80	.6			
	.3			
90	.3			
	.5			
200	.6			
	1.6			
10	1.6			
	1.6			
20	1.8			
	1.5			
30	1.5			
	1.4			
40	1.3			
	1.3			
50	1.4			
	1.4			
60	1.4			
	1.3			

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

- ① 300 - 1.7 - 2.6
- ② 290 - 1.6 - 2.5
- ③ 280 - 2.3 - 3.2
- ④ 265 - 1.4 - 2.4
- ⑤ 255 - 1.8 - 2.7
- ⑥ 245 - 1.7 - 2.5
- ⑦ 235 - 1.8 - 2.7
- ⑧ 225 - 1.9 - 3.3
- ⑨ 215 - 2.3 - 3.6
- ⑩ 205 - 1.9 - 2.9

~~4.2 V~~ A = .87 ohms
 12.3 14.2

1590 W
LEASE

Rincon # 32 A
WELL NO.

CONTRACTOR

Frank Bellamy

RIG NO.

REPORT NO.

DATE 7-17-81 19

DAILY DRILLING REPORT

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.	
0	5	013			115	125	55			235	250	55			
5	85	54 w/s			125	205	56 w/s			250	315	54			
85	100	55			205	215	55			315	345	35			
100	115	34			215	235	54								
BIT NO.		NO. DC		NO. DC		NO. DC		NO. DC		NO. DC		NO. DC		NO. DC	
S L NO.		SIZE		SIZE		SIZE		SIZE		SIZE		SIZE		SIZE	
SIZE		STANDS		STANDS		STANDS		STANDS		STANDS		STANDS		STANDS	
TYPE		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY		DOWN ON KELLY	
MAKE		TOTAL DEPTH		TOTAL DEPTH		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		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED	
Time		Wt.		Time		Wt.		Time		Wt.		Time		Wt.	
FROM		TO		FROM		TO		FROM		TO		FROM		TO	
TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN	
REMARKS -												REMARKS -			
With # 65															
Logged 330															
TD 345															

SIGNED: Toolpusher *[Signature]*

Company Supervisor