

#88 PC/MV 30-039-07065
#167 DK 30-039-07085

CPS 712

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. 13 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #88 PC/MV Rincon #167 DK

Elevation 6659' Completion Date 10/1/1965 Total Depth 540' Land Type* F

Casing, Sizes, Types & Depths None

RECEIVED
MAY 14 1990
OIL CON. DIV.
DIST. 3

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. 50'-70' 20' thick 200'-260' 60' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 8855 lbs

Depths anodes placed: 460' - 508'

Depths vent pipes placed: 460'

Vent pipe perforations: ?

Remarks: El Paso Natural Gas Co. was the operator at the time this ground bed was installed

GB #1 + GB #2
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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Item
#29

Date 10-1-65
~~7/27~~

Well Name RINCON No. 88 & # 167		CPS No. 712W	
Location NE 13-27-7		Work Order No. 53155 & 54242	
Anode Hole Depth 540	Total Drilling Rig Time 52 Hrs.	Type & Size of Tool 68374-160-49362=100	
No. Sacks Lost Circulation Mat'l Used 0	No. Sacks Mud Used 6- 50lb Bags		
No. Sacks Lost Circulation Mat'l Used 0		No. Sacks Mud Used 6- 50lb Bags	
Total Lbs. Coke Used 8855 lbs		No. Ft. Surface Cable Conduit 1150'	
Volts 11.6		Amps 10.8	
Ohms 1.07			

Drilling Log (Attach Hereto). ☐

Remarks: Static # 167, 600' N = 1.62

Static # 88, 600 S = .70

✓ Install Good All Rectifier 30 V 20 A w/ 3 Neg. Circuits
(Add ✓ Four Pounds. Chemical to GR) Serial No. 65C6674

one notch 1 = cas. #167

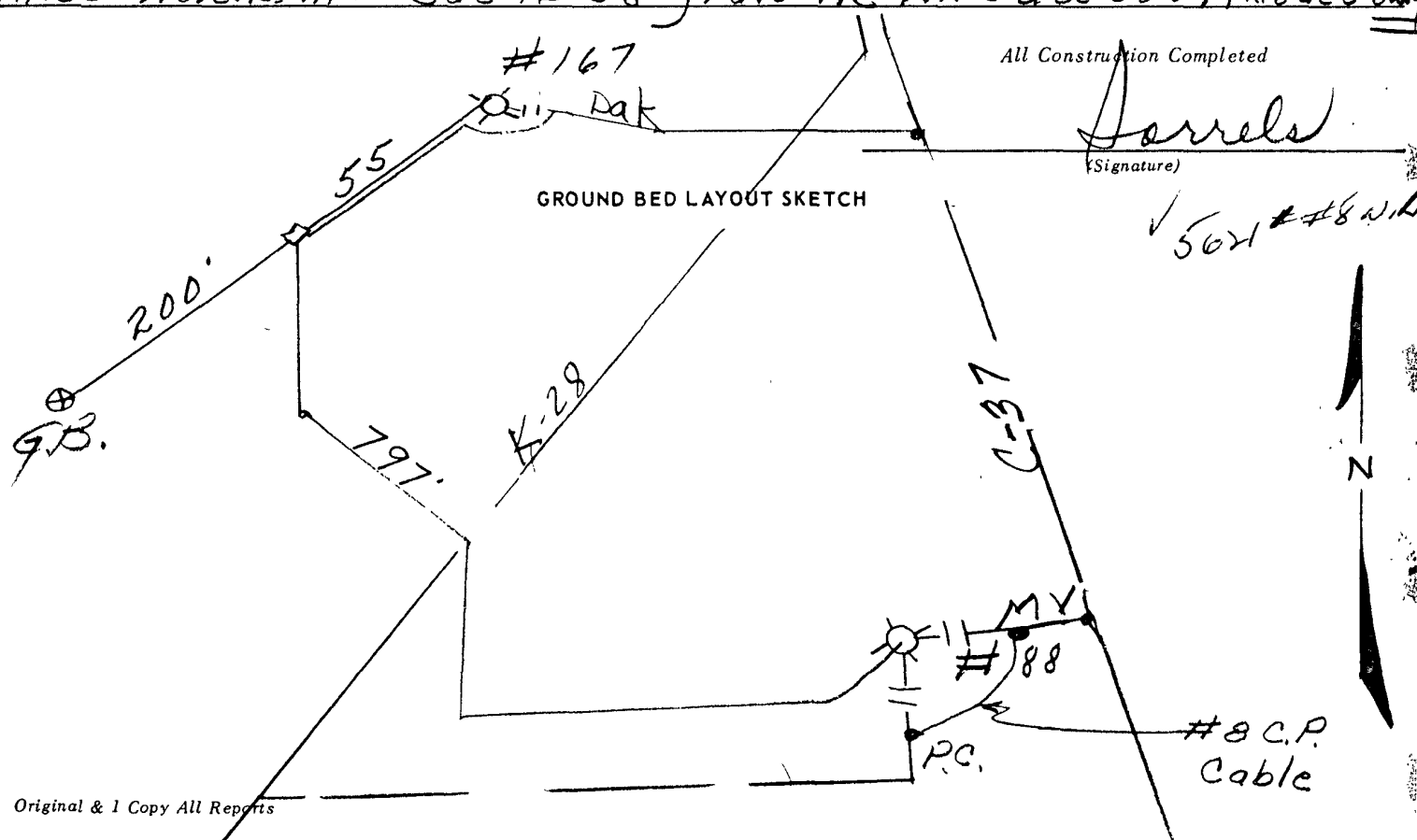
Two Notch 11 = F.B. #167

Three Notches III = Cos # 88

^v3/4" Hose tied to Top Anode

470' used

Paronite wire use down Anode's only



DAILY DRILLING REPORT

LEASE WELL NO. 12W CONTRACTOR J.E. Wilson RIG NO. D-6 REPORT NO. DATE 5-3-67 1967

[illegible]

NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.
BIT NO. 705271X	NO. DC	SIZE	LENG.	BIT NO. 693741	NO. DC	SIZE	LENG.	BIT NO. 693741	NO. DC	SIZE	LENG.
SERIAL NO.	STANDS	SERIAL NO. 300104	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS
SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES
TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY
MAKE 140'	TOTAL DEPTH	MAKE 140'	TOTAL DEPTH	MAKE 140'	TOTAL DEPTH	MAKE 160	TOTAL DEPTH	MAKE 160	TOTAL DEPTH	MAKE 160	TOTAL DEPTH

[illegible][illegible]

REMARKS	REMARKS	REMARKS
8-31-65-	left last loc. 11:00 moved to new loc. drilled from 20' to 240' with 4 3/4" drilled 80' with 7" left rig at 5:00	
9-1-65-	left yard at 6:00 aimed rig 245 drilled from 80' to 240' left rig at 4:00	
9-2-65-	left yard at 6:00 aimed rig 245 drilled from 240' to 410' left rig at 5:00	
9-3-65-	left yard at 6:00 aimed rig 245 drilled from 410' to 710' logged loc. but drilled water hole hole left loc. 1:00	

SIGNED: Toolpusher

Company Supervisor _____

O. Harrel

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE					
MORNING						DAYLIGHT						EVENING								
Driller <i>Dennis</i>			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.				
<i>70</i>	<i>4:00</i>	<i>Sand</i>																		
<i>70</i>	<i>5:00</i>	<i>Shale</i>																		
T NO.	<i>4736-K</i>		NO. DC		SIZE	LENG.	BIT NO.	NO. DC		SIZE	LENG.	BIT NO.	NO. DC		SIZE	LENG.				
SERIAL NO.			STANDS				SERIAL NO.	STANDS				SERIAL NO.	STANDS							
TYPE			SINGLES				TYPE	SINGLES				TYPE	SINGLES							
MAKE	<i>100'</i>		DOWN ON KELLY				MAKE	DOWN ON KELLY				MAKE	DOWN ON KELLY							
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED					
Time	Wt.	Vis.	<i>mud</i>				Time	Wt.	Vis.					Time	Wt.	Vis.				
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN						
REMARKS -						REMARKS -						REMARKS -								
<i>9-29-65 - left last job at 1:30 moved to new log and run drill pipe to 380' wash rig out to 420' left rig at 5:00</i>						<i>9-30-65 left yard at 6:00 arrived rig at 7:45 wash hole out to 420' and back from 420' to 380' left rig at 5:00</i>						<i>10-1-65 left yard at 6:00 arrived rig at 7:45 Clean out bridge at 380' left job at 2:50</i>								
<i>10-1-65 Extension water tank = 5 hrs</i>																				
SIGNED: Toolpusher _____						Company Supervisor _____														

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. 13 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #88PC/MV Rincon #167 DK

Elevation 6659' Completion Date 5/21/1974 Total Depth 640' 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. 240'

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 11,000 lbs

Depths anodes placed: 480-575

Depths vent pipes placed: ?

Vent pipe perforations: 350'

Remarks: El Paso Natural Gas Co. was the operator at the time this ground bed was installed.

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

logged
Completion Date 5-21-74

Drilling Log (Attach Hereto). ☐

Well Name Rincon # 88 & #167		Log No. NE13-27-7		CPS No. 712 W	
Type & Size Bit Used 6 3/4		Work Order No. 53155 & 54242			
Anode Hole Depth 640	Total Drilling Rig Time	Total Lbs. Coke Used 11,000 EST.	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	575	565	555	540	530
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	2.8	3.0	2.9	2.8	3.6
Anode Depth	# 6	# 7	# 8	# 9	# 10
	520	510	500	490	480
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	3.1	3.1	3.1	3.2	2.8
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 10.8		Amps 10.5		Ohms 1.02
No. # C.P. Cable Used	85		No. # C.P. Cable Used		

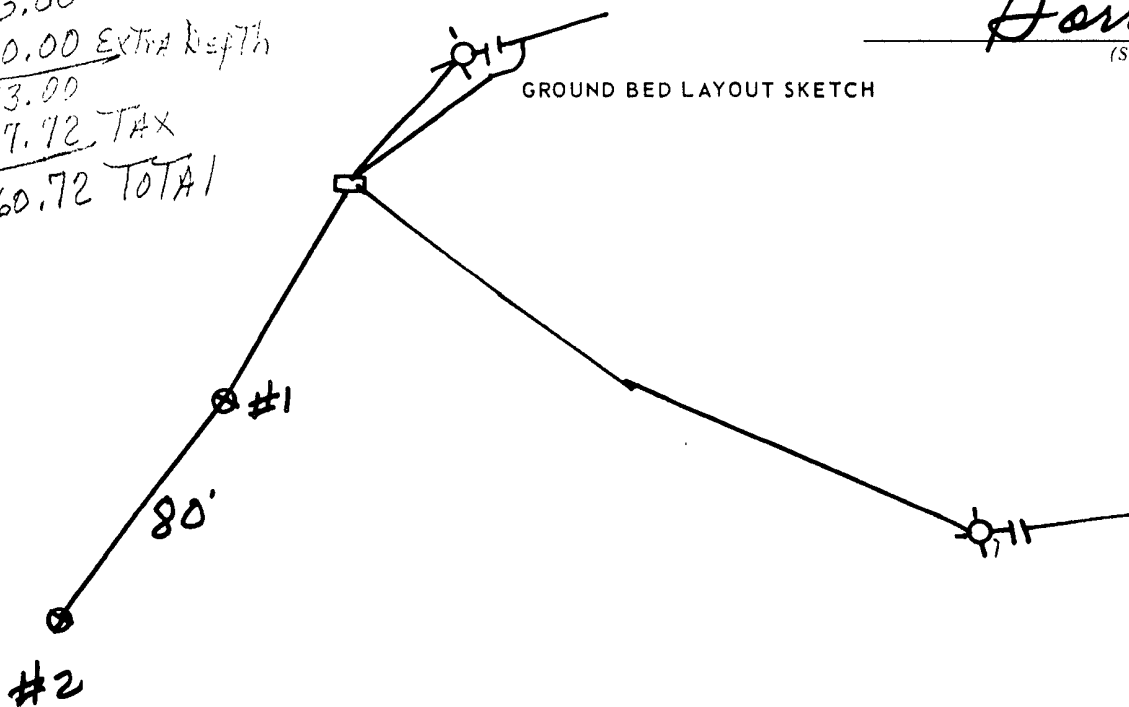
Remarks: Driller said wet at 240' Drilled to 500; water standing at 407' after 13 Hrs. Logged. Not Enough. Drilled to 640 water standing at 420 Next A.M. (18 Hrs) Vent Perforated 350' Pumped one load water, coke above anodes. Pump another load water slurry to surface

3,409.00
34.00 Cable
3,443.00
750.00 Extra Depth
4,193.00
167.72 TAX
4,360.72 TOTAL

All Construction Completed

Donels
(Signature)

GROUND BED LAYOUT SKETCH



712W X=11.7 5-20-74

MW	C	gals/mol
18	C ₂	6.4
30	C ₃	9.56
44	C ₄	13.42
58	C ₅	17.38
72	C ₆	21.34
86	C ₇	25.30
100	C ₈	29.26
114	C ₉	33.22
128	C ₁₀	37.18
142	C ₁₁	41.14

MW	C	gals/mol
44	C ₄	13.42
58	C ₅	17.38
72	C ₆	21.34
86	C ₇	25.30
100	C ₈	29.26
114	C ₉	33.22
128	C ₁₀	37.18
142	C ₁₁	41.14

40	6	40	1.2	Driller Said Met
50	5	30	1.4	at 240'
	4			Water Standing at 407'
	6			after 13 Hrs
60	8			Log to 418'
	1.4		6	Fill with water to 240'
70	1.3	10	5	Log to 205'
	1.2		6	Drilled to 640'
80	1.1			5-21-74
	6			Water level at 420' (18 Hrs)
90	3			Complete log at 11:00 AM
	2			Vent Perf. 350'
50	3		1.2	
	4		1.3	
10	4		1.4	
	3		1.5	
20	2		1.3	
	5		1.5	
30	1	10	1.3	
	2		1.1	
40	3	20	1.2	
	2		1.6	
50	1	30	1.4	
	5		1.4	
60	3	40	1.2	
	4		.8	
70	2	50	.9	
	3		1.3	
80	3	60	1.4	
	7		1.2	
90	6	70	1.4	
	9		1.2	
420	6	80	.9	
	5		5	
10	3	90	.5	
	5		5	

600	.5
607	.5 TD
10	
20	

	1/2	1/2	1/2
1	575	1.2	1.2
2	565	1.2	1.3
3	555	1.3	1.3
4	540	1.2	1.3
5	530	1.4	1.4
6	520	1.2	1.2
7	510	1.3	1.3
8	500	1.3	1.4
9	490	1.4	1.4
10	480	1.2	1.2

$$10.8 \times 10.54 = 1.02 \sim$$

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GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE

BAILEY OFFICE
CALL 1-838-4821

Drill C.P. - 670

Date 5-18-74
5-21-74

Owner _____

Location _____
City _____ State _____ County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller _____

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____