

99-30-039-06921

165-30-039-06911

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. 27 Twp 27 Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #99 PC/MV Rincon #165 DK

Elevation 6528' Completion Date 4/24/1969 Total Depth 590' 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. ?

Depths gas encountered: NA

Type & amount of coke breeze used: Type unknown 8100 lbs

Depths anodes placed: 363' to 558'

Depths vent pipes placed: 552'

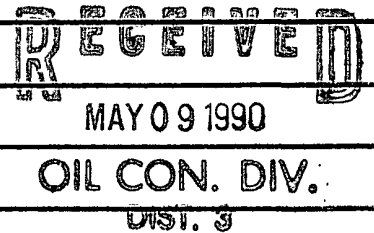
Vent pipe perforations: 460'

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

The second ground bed 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

No. 2 GND BED

Drilling Log (Attach Hereto) ☒

Completion Date 4-24-69

Well Name <u>Rincon #99 & 165</u>		Location <u>NE 27-27-6</u>		CPS No. <u>704W</u>	
Type & Size Bit Used <u>4 3/4" # 33-120 # 101-66-</u> <u>7 1/8, 361472-460, 48224-130 4 1/2" # 41830-400</u>		Work Order No. <u>184-53158 64-50-20</u> <u>54243-67-50-20</u>			
Anode Hole Depth <u>590</u>	Total Drilling Rig Time <u>7 1/2 Hrs</u>	Total Lbs. Coke Used <u>8100</u>	Lost Circulation Mat'l Used <u>0</u>	No. Sacks Mud Used <u>4</u>	
Anode Depth					
# 1 <u>558</u>	# 2 <u>552</u>	# 3 <u>546</u>	# 4 <u>540</u>	# 5 <u>465</u>	# 6 <u>459</u>
# 7 <u>381</u>	# 8 <u>375</u>	# 9 <u>369</u>	# 10 <u>363</u>		
Anode Output (Amps)					
# 1 <u>3.5</u>	# 2 <u>3.7</u>	# 3 <u>2.7</u>	# 4 <u>2.7</u>	# 5 <u>2.5</u>	# 6 <u>3.5</u>
# 7 <u>2.5</u>	# 8 <u>2.5</u>	# 9 <u>2.9</u>	# 10 <u>2.9</u>		
Anode Depth					
# 11 <u>357</u>	# 12 <u>351</u>	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11 <u>3.1</u>	# 12 <u>3.7</u>	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts <u>12.5</u>	Amps <u>11.7</u>	Ohms <u>1.07</u>	<u>5556 on Anodes 105 surface</u>		<u>0</u>

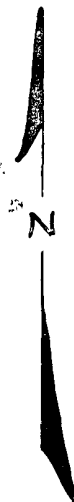
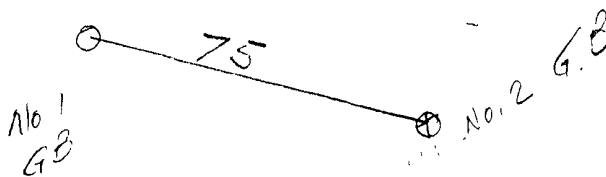
Remarks: 3/4" Hose to No 2 Anode, Perforated 460 - Hose to No. 12 = 160'
50 lbs Barafos used while coking Hole
Hole caving at 195' - Left Mud Heavy at Night to Prevent
Caving - Did Not Flush with Barafos

All Construction Completed

Sanchez

(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

LEASE *units 33-120* WELL NO. *704W* CONTRACTOR *Rincon unit #165 + Rincon unit #99 "PM"* RIG NO. *146* REPORT NO. DATE 19

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	140	SS w/streaks	OP shale		145	235	Shale Sand			285	300	hard Sand		
40	150	Shale			235	240	Shale			300	330	Sand		
50	190	Hard Sand			240	250	Sand			330	430	Shale		
90	195	Shale			250	285	Shale			430	435	Sand		

BIT NO. 1				BIT NO. 2				BIT NO. 3			
NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.	
SERIAL NO. 41830-400			STANDS	SERIAL NO. 361472-460			STANDS	SERIAL NO. 48224-130			STANDS
SIZE 4 1/2"			SINGLES	SIZE 7 7/8"			SINGLES	SIZE 7 7/8"			SINGLES
TYPE			DOWN ON KELLY	TYPE			DOWN ON KELLY	TYPE			DOWN ON KELLY
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.			
			4 Sacks gel						435	450	Shale				500	590	Shale
			50# Bogatos						450	465	Sand						
			100 Hull						465	470	Shale						
									470	500	Sand						

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
			4-15	69	6 1/2 hr	4-22	69	10 hr
			4-16	69	2 " Broke Down	4-23	69	9 "
			4-17	69	9 "	4-24	69	5 "
			4-18	69	10 "			7 1/2 total
			4-20	69	10 "			
			4-21	69	11 "			

REMARKS -
 -15-69 left hole #585W 10:30 AM. arrived hole #704W 12:00 PM Rig up Drlg 4 1/2" from 0-120' left Rig 5:00 PM
 -16-69 left hole #704W arrived loc. 7:00 AM Condition hole to 920' Broke Down left Rig 9:00 AM
 -17-69 left hole #704W arrived loc. 8:00 AM Drlg from 120' to 186' Broke Inserts O.R. in hole 12:00 PM Could Not Recover Same left Rig @ 5:00 PM
 -18-69 left hole #704W arrived loc. 7:00 AM SKid Rig 10' Drlg 4 1/2" hole from 0 to 400' left Rig 5:00 PM (water 195')
 -20-69 left hole #704W arrived loc. 7:00 AM water 190' after 24 hr shut down Drlg w/7 7/8" from 0 to 300' left Rig 5:00 PM
 -21-69 left hole #704W arrived loc. 6:00 AM water 170' Drlg from 300' to 450' left Rig 5:00 PM
 -22-69 left hole #704W arrived loc. 7:00 AM water 120' 200' Pull up on Bottom 12:00 PM

SIGNED: Toolpusher

Company Supervisor

Forrester

-23-69 left hole #704W arrived loc. 7:00 AM water @ 120' Drlg to 590' left Rig 3:00 PM
 -24-69 left hole #704W arrived loc. 7:00 AM went in hole w/only P.P. Circ hole clean w/clear water left loc. 12:00 PM