

#2 30-039-07406
#9 30-039-20635

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**DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO**

Operator MERIDIAN OIL CO. Location: Unit M Sec. 14 Twp. 28 Rng. 5

Name of Well/Wells or Pipeline Serviced San Juan 28-5 # 91 & 2

cps 1113w

Elevation 6860' Completion Date 9/13/90 Total Depth 500 Land Type N/A

Casing Strings, Sizes, Types & Depths 20 ft. 8" PVC Casing

If Casing Strings are cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water: Fresh, Clear

Salty, Sulphur, Etc. 210 ft. sample was not kept

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used:

480 ft. 5500 lbs of Ashbury Petroleum Coke

Depths anodes placed: 450, 440, 430, 420, 410, 315, 305, 295, 265, 255

Depths vent pipes placed: 480 ft. of 1" PVC Vent Pipe

Vent pipe perforations: Perforated 280 ft

Remarks: gb #2

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

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

Drilling Log (Attach Hereto) ☐Completion Date 9-13-90

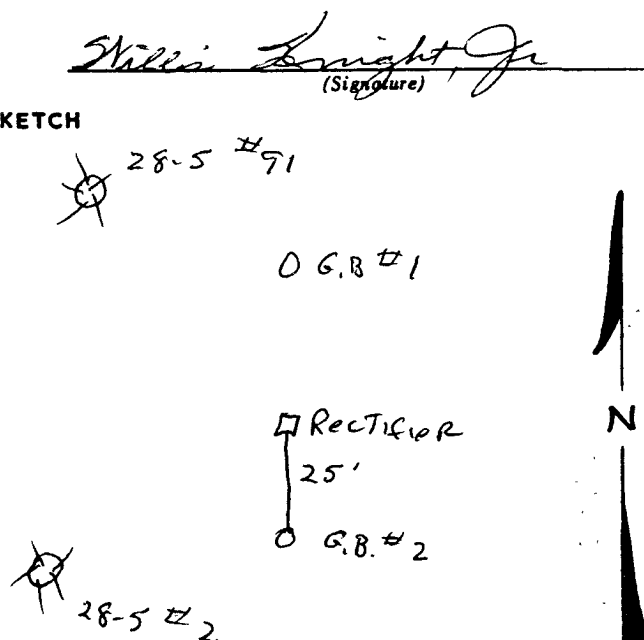
CPS #	Well Name, Line or Plant:	Work Order #	Status:	Ins. Union Check
1113-W	SJ. 28-5 #91			☐ Good ☐ Bad
	SJ 28-5 #2			
Location:	Anode Size:	Anode Type:	Size Bit:	
M14-28-5	2" x 60"	ANOTEC	6 3/4	
Depth Drilled:	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
500'	480'		5500#	
Anode Depth				
# 1 450'	# 2 440	# 3 430	# 4 420	# 5 410
# 6 315	# 7 305	# 8 295	# 9 265	# 10 255
Anode Output (Amps)				
# 1 2.9	# 2 3.9	# 3 3.7	# 4 4.8	# 5 3.4
# 6 3.2	# 7 3.9	# 8 3.7	# 9 2.9	# 10 3.1
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 12.2 Amps 16.1 Ohms .75				

Remarks: Set 20' of 8" PVC casing. Driller said water at 210'. Cough
 a water sample, but it was poured out of bucket before sample was
 taken. Ran 480' of 1" PVC vent pipe. Perforated 280' of vent pipe.
 Left coke breeze approximately 225'

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 25'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

GROUND BED LAYOUT SKETCH



BURGE CORROSION SYSTEMS, INC.

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

COMPANY MERIDIAN OIL DAILY DRILLING REPORT 9-12 19 70

WELL NAME:

S.J. 28-5

WELL NUMBER:

91 42

SECTION:

M-14

TOWNSHIP:

28

RANGE

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WATER AT:

FEET:

HOLE MADE:

240'

500'

DESCRIPTION OF FORMATION[illegible]

REMARKS:

REMARKS: SET 20' 8" PVC CASING, Had water at 210' obtained water sample at 210'. Making approx. 25 gpm. GAS is present.

Driller

Brian E. Burge

Tool Dress:

CONSTRUCTION LOGGING READINGS

Meridian Oil

CPS #: 1113-W WELL NAME: 5J 28-5 #91 & 2 LOCATION: M14-285 DATE: 9-13-90

TOTAL VOLTS: 12.2 TOTAL AMPS: 16.1 OHMS RESISTANCE: 75

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185			365	.70		545			1	450	1.2	2.9
10			190			370	.70		550			2	440	1.5	3.9
15			195			375	.40		555			3	430	1.7	3.7
20		—	200			380	.40		560			4	420	2.1	4.8
25			205			385	.40		565			5	410	1.3	3.4
30			210	.30		390	.30		570			6	315	1.5	3.2
35			215	.40		395	.40		575			7	305	1.8	3.9
40			220	.90		400	.40		580			8	295	1.2	3.7
45			225	1.2		405	.90		585			9	265	1.5	2.9
50			230	1.6		410	1.2	5	590			10	255	1.4	3.1
55			235	1.3		415	1.5		595						
60			240	1.0		420	1.5	4	600						
65			245	1.2		425	1.3		605						
70			250	1.1		430	1.1	3	610						
75			255	1.0	10	435	1.2		615						
80			260	1.0		440	1.3	2	620						
85			265	1.1	9	445	1.3		625						
90			270	1.0		450	1.0	1	630						
95			275	.80		455	.70		635						
100			280	.60		460	.60		640						
105			285	.50		465	.40		645						
110			290	.50		470	.80		650						
115			295	1.1	8	475	1.1		655						
120			300	1.3		480		T/D	660						
125			305	1.3	7	485			665						
130			310	1.2		490			670						
135			315	1.1	6	495			675						
140			320	.60		500			680						
145			325	.30		505			685						
150			330	.30		510			690						
155			335	.50		515			695						
160			340	.80		520			700						
165			345	.80		525			705						
170			350	.30		530			710						
175			355	.20		535			715						
180			360	.20		540			720						

REMARKS: Set 20' of 8" PVC casing. Driller said water @ 210'. Got water sample, but New employee emptied bucket before I got sample