

58 30-039-07714

482 30-039-24613

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

Operator MERIDIAN OIL CO. Location: Unit L Sec. 31 Twp. 30 Rng. 6

Name of Well/Wells or Pipeline Serviced San Juan 30 - 6 # 58 & 482

cps 144w

Elevation 6801' Completion Date 10/9/90 Total Depth 500 Land Type N/A

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

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. Wet at 40 ft., 300 ft. & 400 no sample

Depths gas encountered: N/A

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

485 ft. with Ashbury Petroleum Coke used.

Depths anodes placed: 470, 460, 350, 440, 415, 405, 395, 385, 375, 365

Depths vent pipes placed: 500 ft. 1" PVC Vent Pipe

Vent pipe perforations: Perforated 240 ft.

Remarks: qb #3

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 Here) ☐Completion Date 10-9-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
144-W	SJ30-6 # 58 SJ30-6 # 482			☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size No:	
L31-30-6	2' x 60"	ANDREC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Loss Circulation Mat'l Used
500'	485'			
Anode Depth				
# 1 470	# 2 460	# 3 450	# 4 440	# 5 415
# 6 405	# 7 395	# 8 385	# 9 375	# 10 365
Anode Output (Amps)				
# 1 4.4	# 2 4.6	# 3 4.2	# 4 3.6	# 5 2.8
# 6 3.1	# 7 3.3	# 8 3.4	# 9 4.9	# 10 4.3
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 12.4	Amps 15.0	Ohms .82		

Remarks: Set 20' of 8" PVC casing. DRILLER said wet at 40' waited 30 min could not blow water, said wet at 300' no water, said wet at 400', Next A.M. Blew mud out of hole. Did not get water sample. Ran 500' of 1" PVC VENT Pipe, Perforated 240' of VENT Pipe. COKE Breeze Left Approximately 320'.

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: 10
 Ditch & 1 Cable: 98'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____

All Construction Completed

Willis Knight Jr.
 (Signature)

GROUND BED LAYOUT SKETCH

O G.B. #1

O G.B. #3
 98'

Rectifier

N

30ab #482

30ab #58

G.B. #20

BURGL CORROSION SYSTEMS, INC.

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

COMPANY Meridian Oil DAILY DRILLING REPORT 10-9 1990

WELL NAME: <u>JV 30-6</u>	WELL NUMBER: <u># 58</u>	SECTION: <u>31</u>	TOWNSHIP: <u>30</u>	RANGE: <u>6</u>
WATER AT: <u>400' - N.U.D</u>		FEET: <u>500'</u>	HOLE MADE:	

DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
0'	18'	8" PVC - CEMENTED CASING	
18'	50'	SANDSTONE - moisture	
50'	80'	SHALE	
80'	100'	SAND / SANDSTONE	
100'	160'	SANDSTONE	
160'	200'	SANDSTONE	
200'	260'	SANDSTONE - SAND MIX 240' moisture	
260'	280'	SHALE	
280'	310'	SANDSTONE	
310'	340'	BENTONITE - SAND MIX	
340'	400'	Shale / SAND MIX	
400'	430'	Bentonite - SAND - shale mix	
430'	500'	Shale	

REMARKS: SET 20' 8" PLASTIC CASING TO 18' in 12 1/4 hole - CEMENTED
DRILLED HOLE DRY TO 400' BLEW OUT MUD NEXT A.M. WENT TO INJECTION

Driller B. S. Hunt Tool Dresser

CONSTRUCTION LOGGING READINGS

1. RIDION 011

CPS #: 144-W WELL NAME: SJ30-6 #58482 LOCATION: 431-30-6 DATE: 10-9-90

TOTAL VOLTS: 12.4 TOTAL AMPS: 15.0 OHMS RESISTANCE: 82

												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	2.1	10	545			1	470	2.8	4.4
10			190			370	1.8		550			2	460	2.2	4.6
15			195			375	2.0	9	555			3	450	2.3	4.2
20			200			380	2.3		560			4	440	2.2	3.6
25			205			385	1.8	8	565			5	415	1.3	2.8
30			210			390	1.6		570			6	405	1.3	3.1
35			215			395	1.4	7	575			7	395	1.6	3.3
40			220			400	1.3		580			8	385	2.3	3.4
45			225			405	1.2	6	585			9	375	3.0	4.9
50			230			410	1.1		590			10	365	2.6	4.3
55			235			415	1.1	5	595						
60			240			420	1.0		600						
65			245			425	.80		605						
70			250			430	.80		610						
75			255			435	.90		615						
80	-	260	.90			440	1.7	4	620						
85		265	1.7			445	1.7		625						
90		270	1.5			450	1.7	2	630						
95		275	1.7			455	1.7		635						
100		280	1.9			460	1.9	2	640						
105		285	1.3			465	1.8		645						
110		290	1.2			470	1.8	1	650						
115		295	1.3			475	1.6		655						
120		300	1.2			480	2.0		660						
125		305	1.1			485	1.9	TD	665						
130		310	1.0			490			670						
135		315	.30			495			675						
140		320	.30			500			680						
145		325	.30			505			685						
150		330	.46			510			690						
155		335	.90			515			695						
160		340	1.6			520			700						
165		345	2.0			525			705						
170		350	1.7			530			710						
175		355	1.6			535			715						
180		360	1.7			540			720						

REMARKS: Set 20' or 8" PVC casing Driller said wet at 40' waited 20 minutes, did not blow water, said wet at 300', no water, wet at 400', next AM blew mud of hole. Did not get water sample.