

1164 #7A 30-039-23845

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit P Sec. 8 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #7A

cps 188lw

Elevation 6507' Completion Date 7/28/87 Total Depth 280' Land Type* N/A

Casing, Sizes, Types & Depths 80' OF 7" PVC CASING

If Casing is 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 when possible:

Fresh, Clear, Salty, Sulphur, Etc. 90'

Depths gas encountered: N/A

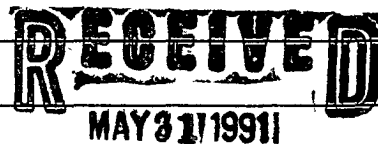
Type & amount of coke breeze used: N/A

Depths anodes placed: 230', 220', 210', 200', 175', 160', 150', 140', 135', 125'

Depths vent pipes placed: 245'

Vent pipe perforations: 165'

Remarks: gb #1



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.

Elevation 6507'

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Cont Comp 7/28/87

Drilling Log (Attach Hereto) ☐

M.M. 95-5600, Completion Date 7/28/87

CPS #		Well Name, Line or Plant		Work Order #		Static		Ins. Union Check	
1881-W		SAN JUAN 28-5 #7-A				.82 N		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
P-8-28-05		2"X60"		Duriron		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
280'		245'							
Anode Depth									
#1 230	#2 220	#3 210	#4 200	#5 175	#6 160	#7 150	#8 140	#9 135	#10 125
Anode Output (Amps)									
#1 3.8	#2 3.2	#3 4.4	#4 4.8	#5 2.3	#6 3.3	#7 4.9	#8 3.9	#9 3.1	#10 3.6
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 12.12		Amps 16.5		Ohms .734					

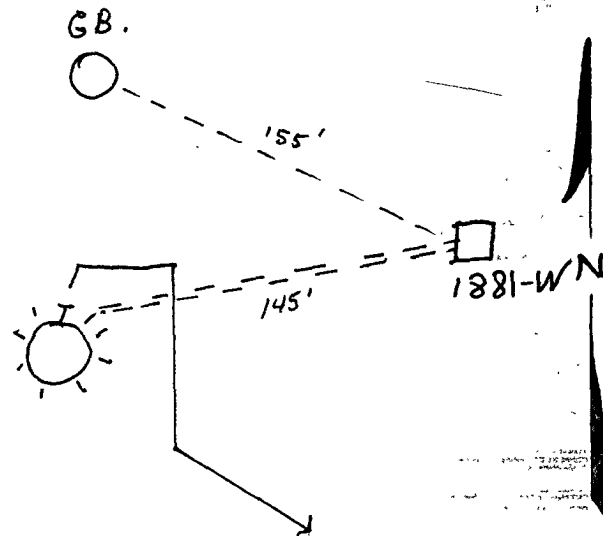
Remarks: 7/27/87 Drilled To 300' RAN #1 ANODE would not go past 50' Redrilled 7/28/87 To 280' Set 80' of 7" P.V.C. CASING Logged. 245' 245' of 1" P.V.C. Perforated. 165' WATER WAS STANDING @ 90' (No Sample.)

Rectifier Size: <u>40 V 16 A</u>	4300.00
Add'l Depth	750.00
Depth Credit: <u>255'</u>	- 1020.00
Extra Cable: <u>30'</u>	7.50
Ditch & 1 Cable: <u>155'</u>	60.45
25' Meter Pole: <u>X</u>	305.00
20' Meter Pole:	
10' Stub Pole:	
Ditch - 2 Cable: <u>145'</u>	75.40
Junction Box: <u>X</u>	40.00
PVC CASING: <u>80'</u>	1,760.00
	<u>6278.35</u>

GROUND BED LAYOUT SKETCH

All Construction Completed

Mark McFarland
(Signature)



TAX 313.92

TOTAL 6592.27

6507

BURGF CORROSION SYSTEMS, INC.

P.O. BOX 1359 PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 7-28-87

Company MERIDIAN OIL

ELEVATION 6507'

Well No. 28-5 #7-A Location SE 8-28-5

Volts Applied (Loaded) 12.12 Amperes 165

5			230	2.2 (1)	455		3.8	680	3.5 (1)	2.2
10			235	1.7	460		3.2	685	3.3 (9)	1.7
15			240	1.8	465		4.4	690	4.1 (3)	2.6
20			245	1.9	470		4.8	695	4.2 (4)	2.3
25			250		475		2.3	700	2.3 (5)	1.2
30			255		480		3.3	705	3.1 (6)	1.7
35			260		485		4.9	710	3.6 (7)	2.4
40			265		490		3.9	715	3.5 (8)	1.9
45			270		495		3.1	720	3.1 (9)	1.8
50			275		500		3.6	725	3.3 (10)	2.0
55			280		505			730		
60			285		510			735		
65			290		515			740		
70			295		520			745		
75			300		525			750		
80			305		530			755		
85			310		535			760		
90			315		540			765		
95			320		545			770		
100	0.5		325		550			775	7-27-87	
105	0.4		330		555			780	Drilled to	
110	0.5		335		560			785	300' lost	
115	0.3		340		565			790	Boyle	
120	0.8		345		570			795	Ran 30"-7"	
125	2.0	10	350		575			800	Casing	
130	2.0		355		580			805	7-28-87	
135	1.8	up 9	360		585			810	Drilled out	
140	1.9	down	365		590			815	to 230'	
145	2.3		370		595			820	logged 245'	
150	2.4	7	375		600			825		
155	2.1		380		605			830		
160	1.7		385		610			835		
165	1.5		390		615			840		
170	1.0		395		620			845		
175	1.2		400		625			850		
180	0.4		405		630			855		
185	0.6		410		635			860		
190	0.6		415		640			865		
195	1.3		420		645			870		
200	2.3	4	425		650			875		
205	2.5		430		655			880		
210	2.6	3	435		660			885		
215	2.2		440		665			890		
220	1.7	(2)	445		670			895		
225	1.9		450		675			900		

WATER

BURGE CORROSION SYSTEMS, INC.

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

MERIDIAN OIL ^{AZ}

COMPANY

SN. 28-5 7-A

DAILY DRILLING REPORT

Mon 27

1987

WELL NAME:

WELL NUMBER:

SECTION:

TOWNSHIP:

RANGE

PO8

28

05

WATER AT:

FEET:

HOLE MADE:

60

300

DESCRIPTION OF FORMATION

FROM

TO

FORMATION IS

COLOR

80'

sand/clay - 8" casing
shale

40

300'

shale:

REMARKS:

REMARKS: dulled to 300' lost hole at 45'
had to set casing 8" to 30' set ~~2 hours~~
~~casing to~~

Brian E. Burge

Driller

Tool Dresser