

1197

30-039-23846

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 NW Sec. 14 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #91E
cps 189lw

Elevation 6969' Completion Date 6/25/87 Total Depth 600' Land Type* N/A

Casing, Sizes, Types & Depths N/A

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. 140' & 320'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 555', 540', 530', 520', 455', 445', 435', 415', 400', 390'

Depths vent pipes placed: 578'

Vent pipe perforations: 300'

Remarks: gb #1

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 6/25/87

CPS #	Well Name, Line or Plant	Work Order #	State	Ins. Union Check
1891 W	SJ 28-5 UNIT 91E	A 6773	.82V 4	☒ Good ☐ Bad
Location:	Anode Size	Anode Type	Size Bit	
NW 14-28-5	2" x 60"	Durion	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Loss Circulation Mat'l Used
600	578			
Anode Depth				
#1 555	#2 540	#3 530	#4 520	#5 455
#6 445	#7 435	#8 415	#9 400	#10 390
Anode Output (Amps)				
#1 3.3	#2 3.1	#3 3.3	#4 3.1	#5 2.4
#6 3.8	#7 3.5	#8 3.3	#9 4.2	#10 4.4
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 12.08	Amps 17.4	Ohms .7		

Remarks: Hit mudstone AT 140', did not make much water. Hit good water AT 320'. Drilled to 600'. Water standing in hole next A.M. AT 320'. Installed 578' of 1" pvc vent pipe, perforated 300'.

G.B. = \$4300.00

Rectifier Size: 40V 16A \$750.00
 Addn'l Depth: +78' +546.00
 Depth Credit: —
 Extra Cable: 30' 7.50
 Ditch & 1 Cable: 15' 5.85
 Ditch & 2 Cable: 170' 88.40
 25' Meter Pole: —
 20' Meter Pole: —
 10' Stub Pole: 1 150.00
 Junction Box: 1 40.00

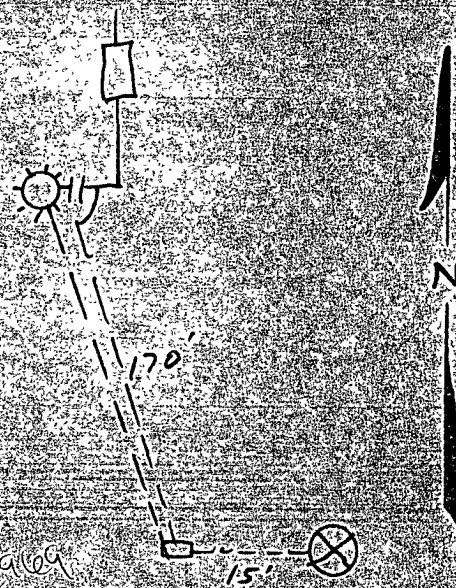
\$5887.75

TAX 294.39

TOTAL = \$6182.14

All Construction Completed

(Signature)



BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359, PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 6/25/67

Company MELIDIAN OIL

Well No. 28-5 Location NW 14-28-5

Volts Applied 12.08

Amperes 17.4

5		230		455	1.3 - ⑤	680	
10		235		460	1.3	685	
15		240		465	.7	690	
20		245		470	.6	695	
25		250		475	.5	700	
30		255		480	.5	705	
35		260		485	.4	710	
40		265		490	.4	715	
45		270		495	.5	720	
50		275		500	.5	725	
55		280		505	.6	730	
60		285		510	.8	735	
65		290		515	1.5	740	
70		295		520	1.5 - ④	745	
75		300		525	1.4	750	
80		305		530	1.2 - ②	755	
85		310		535	1.3	760	
90		315		540	1.3 - ②	765	
95		320	WATER	545	1.1	770	
100		325	1.3	550	1.3	775	
105		330	1.0	555	1.5 - ①	780	
110		335	1.0	560	1.2	785	
115		340	.8	565	1.2	790	
120		345	.8	570	1.3	795	1-555- 1.9-52
125		350	.7	575	5.78 T.D.	800	2-550- 1.6-31
130		355	.6	580		805	3-550- 1.7-32
135		360	.6	585		810	4-550- 1.8-33
140		365	1.3	590		815	5-455- 1.6-24
145		370	.9	595		820	6-445- 1.7-28
150		375	.8	600		825	7-455- 1.6-35
155		380	.9	605		830	8-415- 1.9-32
160		385	1.5	610		835	9-400- 2.0-42
165		390	1.8 - ⑩	615		840	10-380- 2.6-41
170		395	1.5	620		845	
175		400	1.5 - ⑨	625		850	
180		405	1.4	630		855	
185		410	1.4	635		860	
190		415	1.5 - ⑧	640		865	
195		420	.8	645		870	
200		425	.4	650		875	
205		430	.8	655		880	
210		435	1.3 - ⑦	660		885	
215		440	1.4	665		890	
220		445	1.5 - ⑥	670		895	
225		450	1.4	675		900	

BURGE CORROSION SYSTEMS, INC.

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

CPS 189100

COMPANY Meridian Oil

DAILY DRILLING REPORT June 25

19 87

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
San Juan 28-5	#91E	14	28N	5W

WATER AT:	FEET:	HOLE MADE:

DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
0	80	surface sandstone	
80	90	shale	
90	100	shaly sandstone	
100	130	sandy shale	
130	140	sandstone with water	
140	240	sandy shale	
240	250	shaly sandstone	
250	320	sandstone water at 280' & 300'	
320	410	sand with clay & bent. trace of shale	
410	440	shale	
440	450	sand with clay & bentonite	
450	460	sand with clay & bent. trace of shale	
460	480	shale	
480	520	sand with clay & bentonite	
520	600	most shale little sand	

REMARKS: During drilling got stuck at 40' and 320'. Rotated out no problems.
Went to injection at 320' T.D. 600' reached at 3:30 p.m. June 24, 1987

Brian E. Burge

Driller

Tool Dresser