

#51 30-039-06888^E

#121 30-039-20301

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

Operator MERIDIAN OIL Location: Unit SW Sec. 28 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #51, #121
cps 1759w

Elevation 6457' Completion Date 10/16/85 Total Depth 400' 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. 30'

Depths gas encountered: N/A

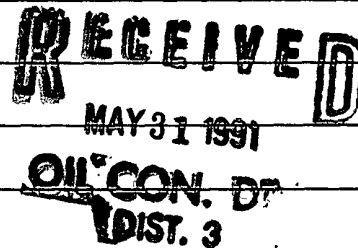
Type & amount of coke breeze used: 4800 lbs.

Depths anodes placed: 345', 335', 325', 315', 305', 260', 205', 195', 170', 160'

Depths vent pipes placed: 390'

Vent pipe perforations: 360'

Remarks: 2 gb #1



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 10/16/85

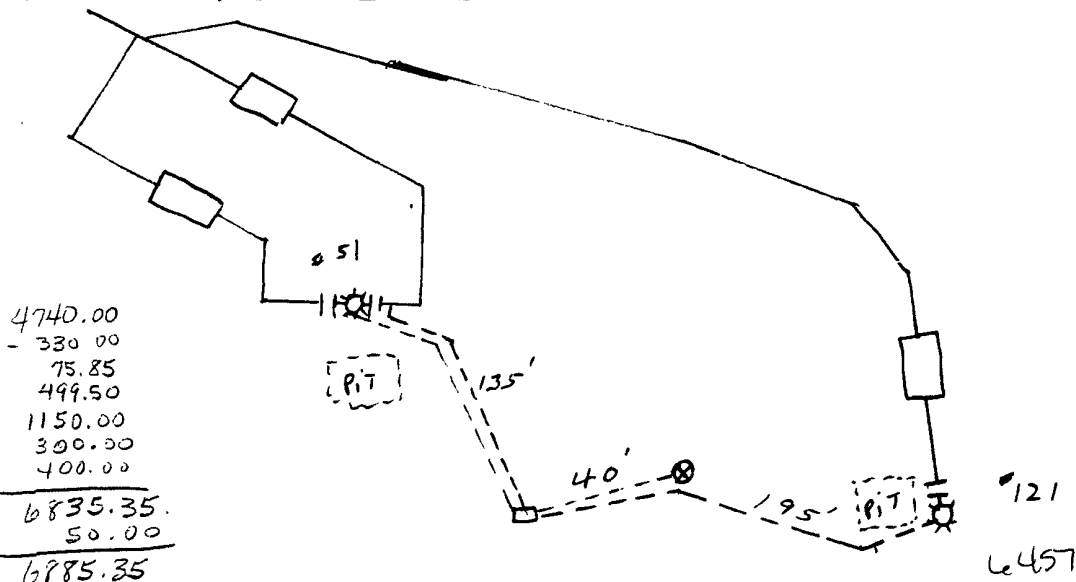
CPS #	Well Name, Line or Plant.	Work Order #	Static	Ins Union Check
1759 W	S.J. 27-5 #51 53957.		.66 V S.	☒ Good ☐ Bad
	S.J. 27-5 #121 54764.		.74 V S.	
Location	Anode Size	Anode Type	Size Bit	
SW 28-27-5	2" X 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
400	390		4800	
Anode Depth				
# 1 345	# 2 335	# 3 325	# 4 315	# 5 305
# 6 260	# 7 205	# 8 195	# 9 170	# 10 160
Anode Output (Amps)				
# 1 3.0	# 2 3.2	# 3 3.4	# 4 4.7	# 5 3.5
# 6 2.6	# 7 3.9	# 8 4.1	# 9 3.5	# 10 3.3
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 11.9	Amps 17.7	Ohms .67		

Remarks: Driller said WATER AT 30'. Drilled Hole with clear WATER. Drilled To 400', Logged 390'. Installed 390' of 1" P.V.C. VENT Pipe, Perforated To 30'.

Rectifier Size: 60 V 30 A - 1150.
 Addn'l Depth:
 Depth Credit: 110' x 3.00 = 330.00
 Extra Cable: 205' x .37 = 75.85
 Ditch & 1 Cable: 370' x 1.35 = 499.50
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: 1 - 400.00

All Construction Completed

GROUND BED LAYOUT SKETCH



Time 10/16/85 8 4
 Reg. 8 4
 O.T.

CPS #: 1759 W WELL NAME: 5 J 27-5 121 LOCATION: 5W 18-27-5 DATE: 10/16/85
TOTAL VOLTS: 11.9 V TOTAL AMPS: 17.7 A OHMS RESISTANCE: 67

ANODE READINGS																							
LOG	ANODE	NO.	LOG	ANODE	NO.	LOG	ANODE	NO.	LOG	ANODE	NO.	LOG	ANODE	NO.	LOG	ANODE	NO.	LOG	ANODE	NO.			
5		185	1.3	365	.6	545		1	345	1.8	3.0	10		190	1.6	370	.6	550		2	335	2.0	3.2
15		195	2.8	375	.6	555		3	325	2.1	3.4	20		200	2.8	380	.5	560		4	315	3.1	4.7
25	.9	205	2.1	385		565		5	305	2.1	3.5	30	1.8	210	1.3	390	390 TR	570		6	260	1.9	2.6
35	1.8	215	1.3	395		575		7	205	2.5	3.9	40	1.7	220	1.3	400		580		8	195	2.5	4.1
45	1.6	225	1.0	405		585		9	170	2.4	3.5	55	2.0	235	.5	415		595		10	160	2.3	3.3
50	1.6	230	1.6	410		590						65	1.0	245	.4	425		605					
60	1.5	240	.4	420		600						70	1.0	250	.4	430		610					
75	1.0	255	1.5	435		615						80	.8	260	1.8	440		620					
85	.9	265	1.1	445		625						90	1.0	270	.7	450		630					
95	.9	275	.4	455		635						100	.8	280	.4	460		640					
105	.8	285	.4	465		645						110	.8	290	.4	470		650					
115	1.0	295	.3	475		655						120	1.7	300	.3	480		660					
125	.9	305	1.7	485		665						130	.7	310	2.7	490		670					
135	.8	315	3.0	495		675						140	.6	320	2.5	500		680					
145	1.2	325	2.1	505		685						150	1.0	330	2.2	510		690					
155	.8	335	1.9	515		695						160	2.2	340	1.8	520		700					
165	2.4	345	1.7	525		705						170	2.1	350	1.4	530		710					
175	1.9	355	1.2	535		715						180	1.8	360	.7	540		720					

REMARKS: Driller: J.B. Water AT 30', Drilled Hole with clear water, Drilled to 400' logged 390'. Test added 390' of 1 P.V.C. vent 8.00, Perforated to 30'.

DAILY DRILLING REPORT

[illegible]

Company Supervisor