

SAN JUAN 28-5 # 15 30-039-07231
SAN JUAN 28-5 # 70 30-039-20056

Exhibit D

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

Operator MERIDIAN OIL CO. Location: Unit L Sec. 34 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced San Juan 28-5 # 70 & 15

Elevation _____ Completion Date 9/20/90 Total Depth 380 Land Type _____

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

If Casing Strings are cemented, show amounts & types used _____

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

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. water at 120 ft. got a sample

Depths gas encountered: _____

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

370 ft. with 2800 lbs Ashbury Petroleum Coke

Depths anodes placed: 355, 345, 335, 325, 315, 305, 295, 270, 260, 250

Depths vent pipes placed: 380 ft. 1" PVC Vent Pipe

Vent pipe perforations: Perforated 260 ft.

Remarks: _____

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

Exhibit A

Drilling Log (Attach Hereto) ☐Completion Date 9-20-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1141-LW	SJ 28-5 # 70			☒ Good ☐ Bad
	SJ 28-5 # 15			
Location: <u>L34-28-5</u>		Anode Size: <u>2" X 60"</u>	Anode Type: <u>ANOTEC</u>	Size Bit: <u>6 3/4</u>
Depth Drilled <u>380'</u>	Depth Logged <u>370'</u>	Drilling Rig Time	Total Lbs. Coke Used <u>3800#</u>	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth # 1 <u>355</u> # 2 <u>345</u> # 3 <u>335</u> # 4 <u>325</u> # 5 <u>315</u> # 6 <u>305</u> # 7 <u>295</u> # 8 <u>270</u> # 9 <u>260</u> # 10 <u>250</u>				
Anode Output (Amps) # 1 <u>4.7</u> # 2 <u>4.1</u> # 3 <u>4.7</u> # 4 <u>6.3</u> # 5 <u>5.6</u> # 6 <u>4.8</u> # 7 <u>3.3</u> # 8 <u>4.7</u> # 9 <u>5.4</u> # 10 <u>7.3</u>				
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 <u>12.9</u>	Amps <u>17.8</u>	Ohms <u>.72</u>		

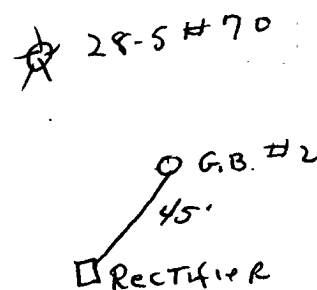
Remarks: Set 20' of 8" PVC casing. Driller said water at 120';
NO sample. Ran 380' of 1" PVC Vent Pipe. Perforated 260' of
Vent Pipe. Left coke Breeze Approximately 210'

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10
 Ditch & 1 Cable: 45'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Wills L. Light, Jr.
(Signature)

GROUND BED LAYOUT SKETCH



5.5 28-5 #15

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

COMPANY MERIDIAN OIL DAILY DRILLING REPORT 9-20 19 90

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
SAN JUAN 28-5	70 & 15	L-34	28	5
WATER AT:	FEET:	HOLE MADE:		
120'		380'		

DESCRIPTION OF FORMATION

[illegible]

REMARKS: SET 20' 8" PVC CASING - DRILLED TO 120' HOLE MADE WATER APP. 15
gallons per minute plus - obtained WATER sample at 120'

Driller Brian L. Burge Tool Dresser

Meridian Oil

CPS #: 1141-W WELL NAME: S.T. 28-5 #70+15 LOCATION: L34-2P-5 DATE: 9-20-90

TOTAL VOLTS: 12.9 TOTAL AMPS: 1.78 OHMS RESISTANCE: 7.2

												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	.90		365	1.3		545			1	355	2.1	4.7
10			190	.60		370	1.4	7.0	550			2	345	1.4	4.1
15			195	.70		375			555			3	335	1.5	4.7
20			200	.70		380			560			4	325	2.3	6.3
25			205	.50		385			565			5	315	1.8	5.6
30			210	.50		390			570			6	305	1.4	4.8
35			215	.80		395			575			7	295	1.0	3.3
40			220	.30		400			580			8	270	1.6	4.7
45			225	.20		405			585			9	260	1.9	5.4
50			230	.20		410			590			10	250	1.8	7.3
55			235	.40		415			595						
60			240	.40		420			600						
65			245	.11		425			605						
70			250	.15	10	430			610						
75			255	.16		435			615						
80			260	.15	9	440			620						
85			265	.15		445			625						
90			270	.12	8	450			630						
95			275	.70		455			635						
100			280	.20		460			640						
105			285	.30		465			645						
110			290	.30		470			650						
115			295	.10	7	475			655						
120	1.5		300	.10		480			660						
125	1.7		305	.13	6	485			665						
130	1.8		310	.15		490			670						
135	1.6		315	.16	5	495			675						
140	.70		320	.17		500			680						
145	.50		325	.19	4	505			685						
150	.30		330	.12		510			690						
155	.40		335	.13	3	515			695						
160	1.3		340	.11		520			700						
165	1.6		345	.12	2	525			705						
170	1.4		350	.13		530			710						
175	1.2		355	.17	1	535			715						
180	1.2		360	.14		540			720						

REMARKS: Set 20' of 8" PVC casing. Driller said water at 120'. Got water sample