

#41 30-039-18201

#445 30-039-24335

Exhibit D

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

Operator MERIDIAN OIL CO. Location: Unit L Sec. 13 Twp. 30 Rng. 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 # 445 & 41

Elevation Completion Date 11/16/90 Total Depth 400 Land Type

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

If Casing Strings are cemented, show amounts & types used

90 ft. 8" PVC and 96 ft. 7 " Casing Steel

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. 95 ft. water

Depths gas encountered:

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

4000 lbs . Ashbury Petroleum Coke

Depths anodes placed: 370, 360, 350, 340, 315, 305, 295, 235, 225, 215

Depths vent pipes placed: 400 ft. 1" PVC Cent Pipe

Vent pipe perforations: 300 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 11-16-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Inn. Union Check	
232-W	SJ30-6 #445	43924		☒ Good ☐ Bad	
	SJ30-6 #41	69763			
Location:	Anode Size:	Anode Type:	Size Bit:		
L13-30-6	2" X 60"	ANOTEC	6 1/4		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Cable Used	Low Circulation Mstr'l Used	No. Sacks Mud Used
400'			4000		
Anode Depth					
# 1 370'	# 2 360'	# 3 350'	# 4 340'	# 5 315'	# 6 305'
# 7 295'	# 8 235'	# 9 225'	# 10 215'		
Anode Output (Amps)					
# 1 2.4	# 2 3.3	# 3 2.8	# 4 2.8	# 5 2.8	# 6 3.8
# 7 3.3	# 8 2.5	# 9 3.0	# 10 3.0		
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. # C.P. Cable Used		No. 2 C.P. Cable Used
Volts 11.9	Amps 13.3	Ohms 89			

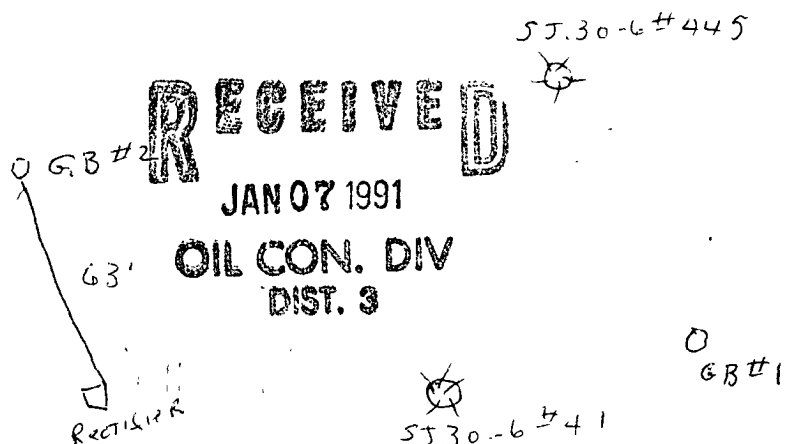
Remarks: Set 20' of 8" PVC casing. DRILLER DRILLED 200' of hole with hole caving in. moved 25' NORTH and DRILLED 95' of 12" hole set 87' of 8" PVC casing. Did NOT see sand + water off. Set 97' of 7" steel casing, sealed off sand. RAN 400' of 1" PVC VENT PIPE PERFORATED 300' of VENT PIPE. Left COKE BREEZE APPROX. 185'

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: _____ 10'
 Ditch & 1 Cable: _____ 63'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____ 1

All Construction Completed

William Knight Jr
 (Signature)

GROUND BED LAYOUT SKETCH



Tool Dresser

Meridian Oil

CPS #: 232-W WELL NAME: 55 30-6 #445 LOCATION: 413-30.6 DATE: 11-16-90

TOTAL VOLTS: 11.9 TOTAL AMPS: 13.3 OHMS RESISTANCE: 89.

												ANODE READINGS			
DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5		185	1.4		365	1.6		545				1	370	1.1	2.4
10		190	1.1		370	1.1	1	550				2	360	1.8	3.3
15		195	1.8		375	1.80		555				3	350	1.3	2.8
20		200	1.2		380	1.40		560				4	340	1.6	2.8
25		205	1.3		385	1.40	T.D	565				5	315	1.3	2.8
30		210	1.3		390			570				6	305	2.4	3.8
35		215	1.3	10	395			575				7	295	1.6	3.3
40		220	1.2		400			580				8	235	1.3	2.5
45		225	1.4	9	405			585				9	225	1.5	3.0
50		230	1.3		410			590				10	215	1.3	3.0
55		235	1.2	8	415			595							
60		240	1.0		420			600							
65		245	1.0		425			605							
70		250	1.0		430			610							
75		255	1.30		435			615							
80		260	1.50		440			620							
85		265	1.70		445			625							
90		270	1.60		450			630							
95		275	1.60		455			635							
100	1.5	280	1.40		460			640							
105	1.1	285	1.70		465			645							
110	1.90	290	1.2		470			650							
115	1.50	295	1.5	7	475			655							
120	1.40	300	1.6		480			660							
125	1.40	305	1.8	6	485			665							
130	1.30	310	1.7		490			670							
135	1.90	315	1.2	5	495			675							
140	1.2	320	1.90		500			680							
145	1.90	325	1.70		505			685							
150	1.90	330	1.80		510			690							
155	1.50	335	1.90		515			695							
160	1.40	340	1.4	4	520			700							
165	1.40	345	1.7		525			705							
170	1.30	350	1.1	3	530			710							
175	1.50	355	1.3		535			715							
180	1.3	360	1.6	2	540			720							

REMARKS: Drilled 95' of 12" hole, set 87' of 8" PVC casing. Did NOT seal off sand and water. Set 97' of 7" steel casing. Sealed off sand and water. WATER STANDING AT 35'.

1st. Hole SET 20' of 8" PVC casing. DRILLER DRILLED 200' WITH HOLE CAVING IN. MOVED 25' NORTH of hole drilled hole #2