

43 = 30-039-07860

442 = 30-039-24460

4464

Exhibit D

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

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

Name of Well/Wells or Pipeline Serviced SJ 30-6 #43 , #442

cps 189w

Elevation 6349' Completion Date 10-22-90 Total Depth 340' Land Type N/A

Casing Strings, Sizes, Types & Depths 20 feet of 8" PVC casing

If Casing Strings are cemented, show amounts & types used 1 bag cement

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

N/A

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 70 feet No water sample

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used: 150 feet with
Petroleum coke breeze.

Depths anodes placed: 305, 290, 255, 245, 235, 225, 215, 205, 195, 185

Depths vent pipes placed: 340 feet

Vent pipe perforations: 260 feet

Remarks: qb #3

RECEIVED

MAY 31 1991

OIL CO.
DIST

If any of the above data is unavailable, please indicate so. Copies of 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 10-22-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ina. Union Check
189-w	JJ 30-6 #43 JJ 30-6 #442			☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
A13-30-6	2" x 60"	ANOTEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
340				
Anode Depth				
# 1 305	# 2 290	# 3 255	# 4 245	# 5 235
# 6 225	# 7 215	# 8 205	# 9 195	# 10 185
Anode Output (Amps)				
# 1 3.6	# 2 2.9	# 3 3.8	# 4 4.1	# 5 4.1
# 6 4.1	# 7 3.6	# 8 4.4	# 9 4.6	# 10 5.6
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 12.2	Amps 15.5	Ohms .78		

Remarks: Set 20' of 8" PVC Casing - Driller said water at 280', waited 30 min and Blew mud. Drilled to 340' started making water. Started injecting at 280', did NOT get water sample. Ran 340' of 1" PVC Vent Pipe. Perforated 260' of vent pipe. Left coke breeze approximately 150'. Water was standing approximately 70'.

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 125'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

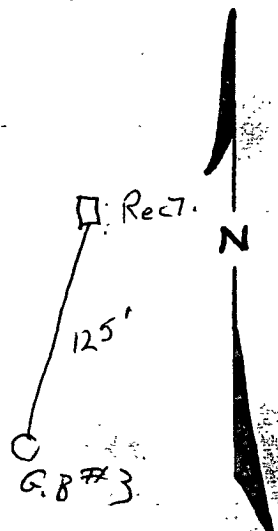
All Construction Completed.

Will's Knight Jr
 (Signature)

GROUND BED LAYOUT SKETCH

~~30-6 #43~~
 30-6 #442

~~30-6 #43~~



BURGE CORROSION SYSTEMS, INC.

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

COMPANY: Meridian Oil

DAILY DRILLING REPORT 10/22

1990

WELL NAME:

SAN JUAN 300-6

WELL NUMBER:

#43-#442

SECTION:

A 13

TOWNSHIP:

30

RANGE

6

WATER AT:

280'

FEET:

HOLE MADE:

 $6\frac{3}{4}$ **DESCRIPTION OF FORMATION**[illegible]

REMARKS:

Kevin Bunge

Driller

Tool Dresser

Aridion Oil

Exhibit C

CPS #: 189-W WELL NAME: SJ30-6 #43+442 LOCATION: A13-30-6 DATE: 10-22-90

TOTAL VOLTS: 12.2 TOTAL AMPS: 15.5 OHMS RESISTANCE: 78

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
ANODE	NO.	ANODE	NO.	ANODE	NO.	ANODE	NO.	ANODE	NO.	ANODE	NO.			COKE	COKE
5			185	1.6	10	365			545			1	305	1.6	3.6
10			190	1.7		370			550			2	290	1.4	2.9
15			195	1.4	9	375			555			3	255	1.6	3.8
20			200	1.5		380			560			4	245	1.7	4.1
25			205	1.6	8	385			565			5	235	1.7	4.1
30			210	1.3		390			570			6	225	1.5	4.1
35			215	1.2	7	395			575			7	215	1.3	3.6
40			220	1.0		400			580			8	205	1.9	4.4
45			225	1.3	6	405			585			9	195	1.6	4.6
50			230	1.8		410			590			10	185	1.9	5.6
55			235	1.7	5	415			595						
60			240	1.7		420			600						
65			245	1.7	4	425			605						
70	1.6		250	1.5		430			610						
75	1.5		255	1.5	3	435			615						
80	1.4		260	1.1		440			620						
85	1.5		265	1.90		445			625						
90	1.9		270	1.50		450			630						
95	1.0		275	1.50		455			635						
100	1.80		280	1.50		460			640						
105	1.70		285	1.60		465			645						
110	1.80		290	1.3	2	470			650						
115	1.0		295	1.1		475			655						
120	1.5		300	1.0		480			660						
125	1.8		305	1.4	1	485			665						
130	1.8		310	1.4		490			670						
135	1.7		315	1.90		495			675						
140	1.7		320	1.0		500			680						
145	1.4		325	1.1		505			685						
150	1.3		330	1.0		510			690						
155	1.2		335	1.0	TD	515			695						
160	1.90		340			520			700						
165	1.4		345			525			705						
170	1.2		350			530			710						
175	1.5		355			535			715						
180	1.7		360			540			720						

REMARKS: SET 20' of 8" PVC CASING. DRILLER WET AT 110'
 WAITED 30 MINUTES. Did NOT Blow Water. WET AT 290'
 WAITED 30 MINUTES. Blew mud. DRILLER TO 340. STARTED
 MAKING WATER. STOPPED INJECTING AT 290. Did NOT
 GET WATER SAMPLE. WATER STANDING AT 70'