

30-039-24815

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

Operator MERIDIAN OIL CO. Location: Unit Sec. 32 Twp 30N Rng 6W

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 # 493

Elevation Completion Date 11/20/90 Total Depth 280 Land Type

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

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. 80 ft wet

Depths gas encountered:

Ground bed depth with type & amount of coke breeze used: 260 ft.

3500 lbs Ashbury Petroleum Coke

Depths anodes placed: 250, 240, 230, 220, 210, 200, 165, 155, 145, 135

Depths vent pipes placed: 280 ft. 1" PVC Vent Pipe

Vent pipe perforations: Perforated 200 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 11-20-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
2169W	55 30-6 # 493	4939A		☒ Good ☐ Bad
Location: SWSW	Anode Size:	Anode Type:	Size Bit:	
M 32-30-06	2' X 60"	ANOTAC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
280'	260'		3500 #	
Anode Depth				
# 1 250	# 2 240	# 3 230	# 4 220	# 5 210
# 6 200	# 7 165	# 8 155	# 9 145	# 10 135
Anode Output (Amps)				
# 1 5.0	# 2 5.0	# 3 5.0	# 4 5.3	# 5 5.7
# 6 4.7	# 7 4.9	# 8 5.1	# 9 5.8	# 10 5.2
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 117	Amps 18.7	Ohms .62		

Remarks: Set 20' of 8" PVC casing. Driller said wet at 80' waited over weekend. Blew mud did NOT get water sample. Ran 280 of 1" PVC vent pipe, perforated 200 of vent pipe. Left coke breeze approximately 100'.

(Well is NOT hooked up NO INSULATED UNION)

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

All Construction Completed

Willis L. Knight Jr.
 (Signature)

GROUND BED LAYOUT SKETCH

RECEIVED

NOV 30 1990

**OIL CON. DIV
DIST. 3**

Gd. Bed #1

0

30-6 # 493



Meridian 011

Exhibit B

CPS #: WELL NAME: SJ 30-6 493 LOCATION: DATE: 11-20-90

TOTAL VOLTS: 11.7 TOTAL AMPS: 18.7 OHMS RESISTANCE: 62

												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	1.60		365			545			1	250	2.5	5.0
10			190	1.50		370			550			2	240	2.3	5.0
15			195	1.3		375			555			3	230	2.0	5.0
20			200	1.3	6	380			560			4	220	2.2	5.3
25			205	1.7		385			565			5	210	2.7	5.7
30			210	2.1	5	390			570			6	200	1.5	4.7
35			215	2.1		395			575			7	165	2.0	4.9
40			220	1.9	4	400			580			8	155	1.7	5.1
45			225	1.6		405			585			9	145	2.2	5.8
50			230	1.6	3	410			590			10	135	1.5	5.2
55			235	2.0		415			595						
60			240	1.9	2	420			600						
65			245	1.6		425			605						
70			250	1.9	1	430			610						
75			255	2.0		435			615						
80	1.60		260	2.0	TD	440			620						
85	1.10		265			445			625						
90	1.1		270			450			630						
95	1.0		275			455			635						
100	1.80		280			460			640						
105	1.50		285			465			645						
110	1.60		290			470			650						
115	1.50		295			475			655						
120	1.90		300			480			660						
125	1.1		305			485			665						
130	1.1		310			490			670						
135	1.1	10	315			495			675						
140	1.2		320			500			680						
145	1.4	9	325			505			685						
150	1.3		330			510			690						
155	1.2	8	335			515			695						
160	1.3		340			520			700						
165	1.3	7	345			525			705						
170	1.1		350			530			710						
175	1.90		355			535			715						
180	1.90		360			540			720						

REMARKS: SET 20' OF 8" PVC CASING. DRILLER SAID WATER AT 80' ON FRIDAY NEXT MONDAY DREW MUD OUT OF HOLE DID NOT GET WATER SAMPLE.

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

COMPANY Meridian Oil DAILY DRILLING REPORT 11-20 1990

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
SAN JUAN 30-6	493	32	30	6

WATER AT:

FEET:

HOLE MADE:

80'

280'

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: Drilled and SET 18' PVC CASING BELOW GRADE Drilled to 80'
LET SET BLEW MUD Drilled to 280' with injection.

Dorian E. Borge

Driller

Tool Dresser