

1158

#67 30-039-06837

#166 30-039-20659

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

Operator MERIDIAN OIL INC. Location: Unit NE Sec. 31 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #67, #166

cps 1788w

Elevation 6412' Completion Date 10/16/85 Total Depth 325' 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. 90'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 280', 265', 250', 235', 220', 205', 185', 135', 125', 115'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST. 3

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.

add. Water

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 10-16-85

CPS # <u>1788W</u>		Well Name, Line or Plant <u>ST27-5 #67</u>		Work Order # <u>54075</u>		Static <u>70</u>		Ins Union Check	
		<u>ST27-5 #166</u>		<u>55544</u>		<u>75</u>		☒ Good ☐ Bad	
Location <u>NE31-27-5</u>		Anode Size <u>2" x 60"</u>		Anode Type: <u>Quiron</u>		Size Bit <u>6 3/4"</u>			
Depth Drilled <u>325</u>		Depth Logged <u>325</u>		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance	
# 1 <u>240</u>	# 2 <u>265</u>	# 3 <u>250</u>	# 4 <u>235</u>	# 5 <u>220</u>	# 6 <u>205</u>	# 7 <u>185</u>	# 8 <u>135</u>	# 9 <u>125</u>	# 10 <u>115</u>
# 1 <u>2.8</u>	# 2 <u>4.6</u>	# 3 <u>4.1</u>	# 4 <u>5.6</u>	# 5 <u>6.2</u>	# 6 <u>4.0</u>	# 7 <u>3.1</u>	# 8 <u>3.4</u>	# 9 <u>4.9</u>	# 10 <u>4.5</u>
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Volts <u>12.7</u>		Amps <u>20.7</u>		Ohms <u>1.61</u>		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

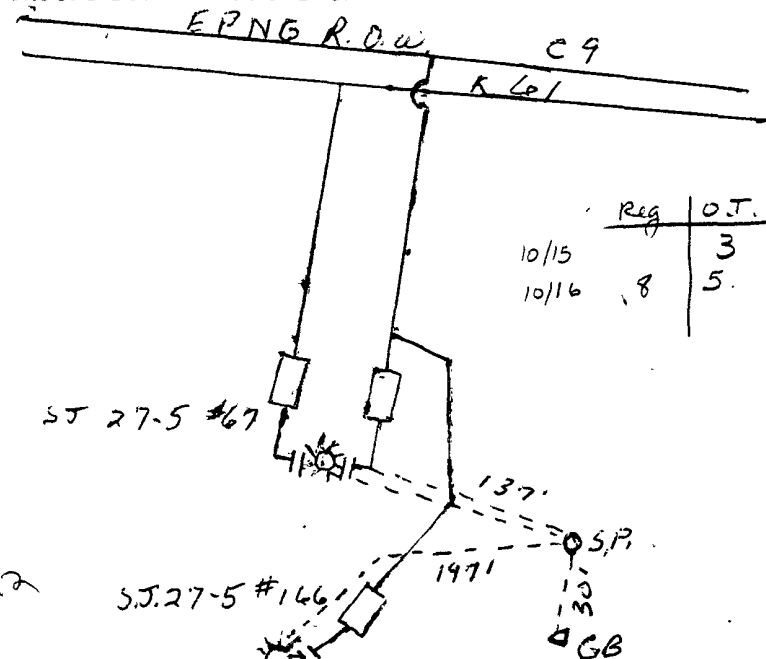
Remarks:

Rectifier Size: 60 V 30 A - 1150
 Addn'l Depth
 Depth Credit: 175' x 3.00 = 525
 Extra Cable: 177' x .37 = 65.49
 Ditch & 1 Cable: 364' x 1.35 = 491.40
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: one

All Construction Completed

Kandy Smith
(Signature)

GROUND BED LAYOUT SKETCH



4740.00
 - 525.00
 65.49
 491.40
 1150.00
 300.00
 400.00

 #6621.89
 50.00

 #6671.89

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1788W WELL NAME: 5527-5 #673 #166 LOCATION: A63127-5 DATE: 10-16-85

TOTAL VOLTS: 12.7 TOTAL AMPS: 20.7 OHMS RESISTANCE: .61

												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	1.9	7	365			545			1	280	1.5	2.8
10			190	.9		370			550			2	265	2.8	4.6
15			195	1.0		375			555			3	250	2.2	4.1
20			200	.7		380			560			4	235	3.4	5.6
25			205	1.8	6	385			565			5	220	3.8	6.2
30			210	3.6	6	390			570			6	205	2.8	4.0
35			215	2.9		395			575			7	185	1.8	3.1
40			220	4.0	5	400			580			8	135	2.1	3.4
45			225	3.1	5	405			585			9	125	2.8	4.9
50			230	2.9		410			590			10	115	2.2	4.5
55			235	3.6	4	415			595						
60			240	3.0	4	420			600						
65			245	2.5		425			605						
70			250	2.3	3	430			610						
75			255	2.4	3	435			615						
80			260	2.7		440			620						
85			265	2.9	2	445			625						
90	1.3		270	2.4	2	450			630						
95	1.4		275	2.0		455			635						
100	1.6		280	1.4	1	460			640						
105	1.9		285	1.2	4	465			645						
110	2.1		290	.9		470			650						
115	2.2	10	295	.8		475			655						
120	2.4	9	300	.9		480			660						
125	2.4	9	305	.9		485			665						
130	2.2		310	1.9		490			670						
135	1.7	8	315	2.4		495			675						
140	1.0		320	2.4		500			680						
145	.8		325	7.0	25	505			685						
150	1.2	8	330			510			690						
155	1.0		335			515			695						
160	1.1		340			520			700						
165	.9		345			525			705						
170	.8		350			530			710						
175	3.6		355			535			715						
180	3.6		360			540			720						

REMARKS: Water at 90' Drilled with air.

10-16-1985

Company Supervisor