

1154

#71 30-039-82364⁵

#124 30-039-20361

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

Operator MERIDIAN OIL Location: Unit NE Sec. 28 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #71, #124

cps 1760w

Elevation 6454' Completion Date 01/30/85 Total Depth 360' 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. 40'

Depths gas encountered: N/A

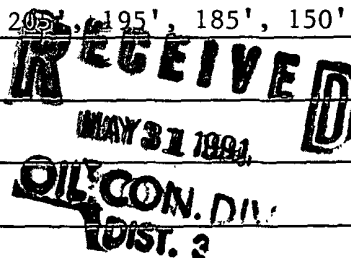
Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 305', 280', 265', 250', 205', 195', 185', 150', 110'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1



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

Drilling Log (Attach Hereto) ☐Completion Date 10/30/85CPS # 1760W Well Name, Line or Plant: 27-5 #71 Work Order # 54260 Static: .81 Ins Union Check

<u>27-5 #124</u>	<u>54803</u>	<u>.68</u>	☐ Good ☐ Bad
------------------	--------------	------------	--

Location <u>NE 28-27-5</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>DURIRON</u>	Size Bit: <u>6 3/4"</u>
----------------------------	-----------------------------	----------------------------	-------------------------

Depth Drilled <u>360</u>	Depth Logged <u>345</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No Sacks Mud Used
--------------------------	-------------------------	-------------------	----------------------	-----------------------------	-------------------

Anode Depth	# 1 <u>320</u>	# 2 <u>305</u>	# 3 <u>280</u>	# 4 <u>265</u>	# 5 <u>250</u>	# 6 <u>205</u>	# 7 <u>195</u>	# 8 <u>185</u>	# 9 <u>150</u>	# 10 <u>110</u>
-------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	-----------------

Anode Output (Amps)	# 1 <u>4.5</u>	# 2 <u>3.1</u>	# 3 <u>3.0</u>	# 4 <u>4.6</u>	# 5 <u>4.3</u>	# 6 <u>3.5</u>	# 7 <u>2.8</u>	# 8 <u>2.8</u>	# 9 <u>2.8</u>	# 10 <u>3.3</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>12.03</u>	Amps <u>19.8</u>	Ohms <u>.60</u>
--------------------	------------------	-----------------

Remarks: Drilled 140' all sand, wet at 40'. Had to dig pit & water drill. Drill to 360' because of time logged to see if could load.

Rectifier Size: 60 V 30 A-1150

Addn'l Depth

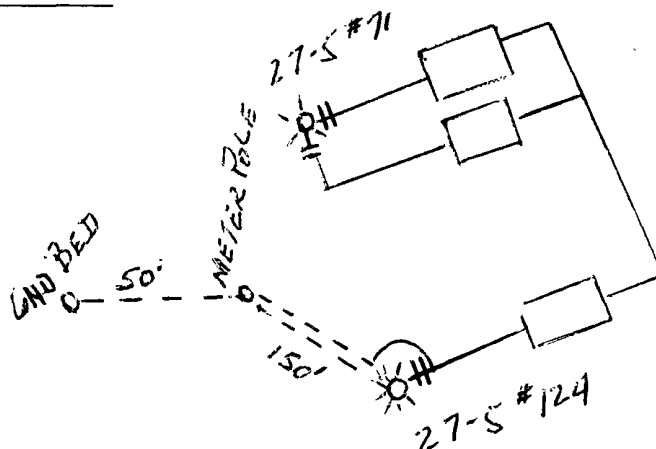
Depth Credit: 155' x 3.00 = 465.00Extra Cable: 180' x .37 = 66.60Ditch & 1 Cable: 200' x 1.35 = 270.0025' Meter Pole: 1 - 550

20' Meter Pole:

10' Stub Pole:

4740.00
- 465.00
66.60
270.00
1150.00
550.00
300.00
6611.60

GROUND BED LAYOUT SKETCH



All Construction Completed

B. T.

(Signature)

TIME

DATE	REG	OT.
<u>10-30</u>	<u>8</u>	

N

6454

27-5 # 71

CPS #: 1760W WELL NAME: 27-5 #124 LOCATION: NE 28-27-5 DATE: 10/30/85

TOTAL VOLTS: 12.03 TOTAL AMPS: 19.8 OHMS RESISTANCE: 160

												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.			COKE	COKE
5			185	1.6	8	365			545			1	320	3.1	4.5
10			190	1.8	8	370			550			2	305	2.1	3.1
15			195	1.4	7	375			555			3	280	1.9	3.0
20			200	1.8	7	380			560			4	265	3.0	4.6
25			205	1.5	6	385			565			5	260	2.6	4.3
30			210	2.1	5	390			570			6	205	1.9	3.5
35			215	1.9		395			575			7	195	1.8	2.8
40	Water		220	1.5		400			580			8	185	1.7	2.8
45			225	1.4		405			585			9	150	1.7	2.8
50	1.8		230	1.1		410			590			10	110	2.0	3.3
55	1.5		235	1.1		415			595						
60	1.5		240	1.5		420			600						
65	1.6		245	1.2		425			605						
70	1.7		250	1.4	5	430			610						
75	1.6		255	2.6		435			615						
80	1.5		260	2.7	4	440			620						
85	1.4		265	2.8	4	445			625						
90	1.5		270	2.3	4	450			630						
95	1.5		275	1.3		455			635						
100	1.6		280	1.6	3	460			640						
105	1.7		285	1.9	3	465			645						
110	1.5	10	290	1.6		470			650						
115	2.0	10	295	1.4		475			655						
120	1.6		300	1.5		480			660						
125	1.4		305	1.6	2	485			665						
130	1.2		310	2.2	1	490			670						
135	1.2		315	2.6		495			675						
140	1.1		320	3.2	1	500			680						
145	1.2		325	2.8		505			685						
150	1.7	10	330	2.3		510			690						
155	1.7		335	2.0		515			695						
160	1.6		340	2.2		520			700						
165	1.6		345			525			705						
170	1.6		350			530			710						
175	1.5		355			535			715						
180	1.8	4	360			540			720						

REMARKS:

