

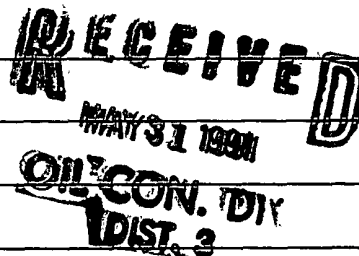
1110

#11 30-039-06914^E

#79 30-039-20366

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. 27 Twp 27 Rng 5
Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #79, #11
cps 1804w
Elevation 6493' Completion Date 10/31/85 Total Depth 400' 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. N/A
Depths gas encountered: N/A
Type & amount of coke breeze used: N/A
Depths anodes placed: 360', 345', 330', 320', 310', 295', 285', 275', 260', 195'
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 10/31/85CPS # 1804W Well Name, Line or Plant: 27-5 #79 Work Order # 54800 Static: .77 Ins. Union Check

	<u>27-5 #11</u>	<u>54689.</u>	
--	-----------------	---------------	--

☒ Good ☒ Bad

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

Depth Drilled <u>400</u>	Depth Logged <u>400</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
-----------------------------	----------------------------	-------------------	----------------------	-----------------------------	--------------------

Anode Depth	# 1 <u>360</u>	# 2 <u>345</u>	# 3 <u>330</u>	# 4 <u>320</u>	# 5 <u>310</u>	# 6 <u>295</u>	# 7 <u>285</u>	# 8 <u>275</u>	# 9 <u>260</u>	# 10 <u>195</u>
-------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	-----------------

Anode Output (Amps)	# 1 <u>3.3</u>	# 2 <u>4.0</u>	# 3 <u>3.2</u>	# 4 <u>4.5</u>	# 5 <u>3.1</u>	# 6 <u>4.3</u>	# 7 <u>4.3</u>	# 8 <u>2.9</u>	# 9 <u>3.4</u>	# 10 <u>3.1</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>12.50</u> Amps <u>18.0</u> Ohms <u>.69</u>		

Remarks: Union shorted on 27-5 #11. Turned in to Burns crew.

Rectifier Size: 60 V 30 A-1150
 Addn'l Depth _____
 Depth Credit: 100' x 3.00 = 300.00
 Extra Cable: 95' x .37 = 35.15
 Ditch & 1 Cable: 115' x 1.35 = 155.25
 25' Meter Pole: 1 - 550.00
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

(Signature)

B.T.

GROUND BED LAYOUT SKETCH

POWER LINE

4740.00
 - 300.00
 35.15
 155.25
 1150.00
 550.00
 300.00
#6630.40

Reg	O.T.
8	4

GND BED

METER POLE

27-5 #79

NWP PIPE

27-5 #11

6493

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1804W WELL NAME: 27-5 #11 LOCATION: 27-27-5 DATE: 10/31/85
TOTAL VOLTS: 12.5 TOTAL AMPS: 18.0 OHMS RESISTANCE: 69

												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	1.6		365	2.1		545			1	360	2.0	3.3
10			190	1.3		370	2.3		550			2	345	2.6	4.0
15			195	1.3	10	375	2.5		555			3	330	2.1	3.2
20			200	2.1		380			560			4	320	2.7	4.5
25			205	2.0		385			565			5	310	2.0	3.1
30			210	1.5		390			570			6	295	2.2	4.3
35			215	1.4		395			575			7	285	2.6	4.3
40			220	1.2		400			580			8	295	1.8	2.9
45	Water		225	.9		405			585			9	260	2.0	3.4
50	1.7		230	.9		410			590			10	195	2.1	3.1
55	1.5		235	1.0		415			595						
60	1.6		240	1.4		420			600						
65	1.5		245	1.1		425			605						
70	1.3		250	1.2		430			610						
75	1.7		255	1.3		435			615						
80	1.8		260	1.5	9	440			620						
85	1.6		265	2.3		445			625						
90	1.4		270	2.3		450			630						
95	1.4		275	2.0	8	455			635						
100	1.8		280	1.7		460			640						
105	2.4		285	1.5	7	465			645						
110	1.9		290	2.6		470			650						
115	1.8	-	295	2.0	6	475			655						
120	1.6		300	2.4		480			660						
125	1.3		305	1.1		485			665						
130	1.2		310	1.0	5	490			670						
135	1.3		315	2.2		495			675						
140	1.3		320	2.7	4	500			680						
145	1.4		325	3.0		505			685						
150	1.8		330	1.8		510			690						
155	1.5		335	1.3	3	515			695						
160	1.2		340	2.2		520			700						
165	1.3		345	2.7		525			705						
170	1.8		350	2.2	2	530			710						
175	1.5		355	1.7		535			715						
180	1.6		360	1.8	1	540			720						

REMARKS:

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE S. J. 27-5 / 27-5 WELL NO. #11 #79 CONTRACTOR

RIG NO.

REPORT NO.

DATE 10/31/85 19

MORNING					DAYLIGHT					EVENING				
Driller <u>Tim C Riffel</u>		Total Men In Crew <u>5</u>			Driller		Total Men In Crew			Driller		Total Men In Crew		
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.

NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.
BIT NO.		STANDS		BIT NO.		STANDS		BIT NO.		STANDS	

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.			

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
<u>0-50 SAND STONE</u>		
<u>50-60 WATER SAND ((WATER))</u>		
<u>60-200 SANDY BLUE SHALE</u>		
<u>200-400 BLUE SHALE / SAND STONE</u>		
<u>DRILLED 400 FT</u>		
<u>T.O. 380</u>		

SIGNED: Toolpusher

Tim C Riffel

Company Supervisor