SJ #10A 30-045-22753
SRA# 6 30-045-21046

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

Operator MERIDIAN OIL Location: Unit NW Sec. 10 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SAN JUAN #10A, SUNRAY A #6

cps 1362w

Elevation 6466' Completion Date 4/2/79 Total Depth 480' 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. DAMP AT 160'. WET AT 180'

Depths gas encountered: N/A

Type & amount of coke breeze used: 50 SACKS

Depths anodes placed: 435', 425', 415', 405', 355', 340', 295', 285', 260', 245'

Depths vent pipes placed: 435' OF 1" PVC VENT PIPE

Vent pipe perforations: 255'

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto). ☐ Completion Date 4-2-79

Well Name: SAN JUAN #10A / SUN RAY A #6	Location: NW 10-30-10			CPS No.: 1362 W	
Type & Size Bit Used: 6 3/4				Work Order No.: 57259-21 / 55254-21	
Anode Hole Depth: 480' logged 470'	Total Drilling Rig Time:	Total Lbs. Coke Used: 50 Sacks	Lost Circulation Mat'l Used:	No. Sacks Mud Used:	

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	435	425	415	405	355	340	295	285	260	245
Anode Output (Amps)	3.5	3.7	3.4	3.9	4.5	3.5	3.3	3.4	3.5	4.7
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	Amps 18.4	Ohms .65		

Remarks: DRILLER SAID damp AT 160' WAITED 15 MIN. NO WATER, WET AT 180' WAITED 20 MIN made APPROX 5 gal. RAN 435' 1" VENT PIPE, PERF. 255 of VENT PIPE. SLURRYed 50 SACK COKE BREEZE. WATER STANDING AT 160'

STATIC #10A - .77

STATIC A#6 - .76

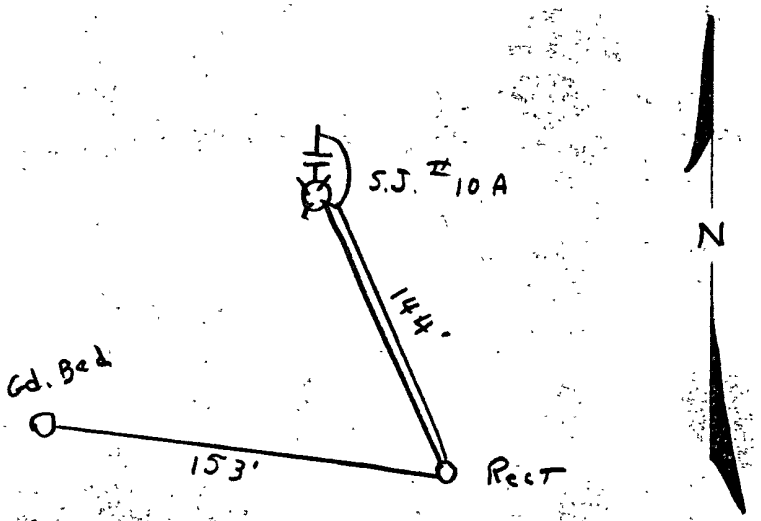
DITCH + 1 cable 297'
EXTRA cable 144'
1 20' METER POLE
1 40V 16A RECT.

NO INSTALLED

All Construction Completed

Willis Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:
WHITE – Division Corrosion Office
YELLOW – Area Corrosion Office
PINK – Originator File

4466

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE 1362-W WELL NO. San Juan #10-A Gurley A #6 CONTRACTOR Corrosion Control RIG NO W-2 REPORT NO. DATE April 1 1979

MORNING

Driller Pinson LC Total Men In Crew 3

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	180	Sandstone		
180	250	Shale		
250	325	Bentonite		
325	480 TD	Sand - shale		

BIT NO. NO. DC SIZE LENG.

BIT NO. NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE 5⅞ - 6¾ SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

MUD RECORD Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED
			2-100# mud

FROM	TO	TIME BREAKDOWN
		None

REMARKS –

Water 180' appx 3gpm

Total wait time for H²O 35min

DAYLIGHT

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. NO. DC SIZE LENG.

BIT NO. NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

EVENING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. NO. DC SIZE LENG.

BIT NO. NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher L C Pinson Company Supervisor

Form 7-1 (Rev. 9-77)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: ____ of ____
Date: 4-2-7
By:
File:

San Juan # 10A
NW 10-30-10
W/O 57259-21
STATIC - 600'W .77

Sunray A # 6
NW 10-30-10
W/O 55254-21
STATIC - .76

CPS 1362-W
T.D. 480'
logged 470'
Hole # 2

Driller said damp at 160'
waited 15 min. no water
wet at 180' waited 20 min mdo
approx 5 gal. water. started
injecting 180'

Water standing at
160' 4-2-79

10 1½" Duriron
435' 1" vent pipe. Perforate
255' of vent pipe
Slurryed 50 sacks coke

MW		gals/mol
16.04	C_1	6 4
30.07	C_2	10.12
44.10	C_3	10 42
58.12	iC_4	12.38
58.12	nC_4	11.93
72.15	iC_5	13 85
72.15	nC_5	13.71
86.18	iC_6	15.50
86.18	C_6	15.57
100.21	iC_7	17 2
100.21	C_7	17.46
114.23	C_8	19 39
28.05	C_2^-	9 64
42.08	C_3^-	9.67

MISC. MW		gals/mol
32.00	O_2	3.37
28.01	CO	4.19
44.01	CO_2	6.38
64.06	SO_2	5 50
34.08	H_2S	5 17
28.01	N_2	4.16
2.02	H_2	3 38

180	2.5		330	1.2			
185	2.4		335	2.5			
190	1.9		340	2.7	(6)		
195	1.6		345	2.7			
200	1.4		350	2.7			
205	1.4		355	3.2	(5)		
210	1.4		360	4.1			
215	1.9		365	4.1			
220	2.4		370	3.9			
225	2.0		375	3.8			
230	1.8		380	3.6			
235	1.8		385	3.7			
240	2.0		390	3.6			
245	2.9	(10)	395	3.5			
250	3.3		400	3.4			
255	2.7		405	3.2	(4)		
260	2.7	(9)	410	3.0			
265	2.7		415	3.0	(3)		
270	3.0		420	3.0			
275	2.7	(8)	425	3.1	(2)		
280	2.7		430	3.2			
285	2.7		435	2.7	(1)		
290	2.7		440	2.2			
295	2.3	(7)	445	2.2			
300	1.9		450	2.2			
305	1.8		455	2.1			
310	1.8		460	1.9			
315	1.8		465	1.9			
320	1.8		470	1.8	logged		
325	1.7		475				
			480	T.D			

(1)	435	2.7	3.5
(2)	425	3.1	3.7
(3)	415	3.0	3.4
(4)	405	3.2	3.9
(5)	355	3.2	4.5
(6)	340	2.7	3.5
(7)	295	2.3	3.3
(8)	275	2.7	3.4
(9)	260	2.7	3.5
(10)	245	2.9	4.7

12V
18.4A
.65Ω

Hours worked
3-27 9 hrs
3-28 10 "
3-30 4 "
4-2 10 "

S.T. 75.60
1½ 14.17
89.77
103.95
37.80
103.95