1266

E

30-039-21842

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. 9 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #64A

cps 1546w

Elevation 6739' Completion Date 6/4/80 Total Depth 540' 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. 60'

Depths gas encountered: N/A

Type & amount of coke breeze used: 51 SACKS

Depths anodes placed: 485', 475', 465', 425', 415', 405', 395', 320', 275', 260'

Depths vent pipes placed: 500'

Vent pipe perforations: 280'

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 6/4/80

Well Name	Location	CPS No.
S.J. 27-5 #64A	NW 9-27-5	1546-W
Type & Size Bit Used 6 3/4"		**Work Order No.** 57594-21

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
540' T.D. 500'		51 SACKS		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	485'	475'	465'	425'	415'	405'	395'	320'	275'	260'
Anode Output (Amps)	2.9	3.7	3.4	3.6	3.3	3.1	3.2	3.0	4.1	4.3
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 11.9	Amps 18.0	Ohms .66		

Remarks: STATIC 600'N = .84V Drilled 280'. Hole was To crooked To get BACK INTO NEXT A.M. Skidded over + STARTed new Hole. Drilled To 60'. HIT moisture could not Blow water out of Hole, STARTed injecting, could not Drill with Air, Due To cuttings Being caught in Moisture Area AT 60'. Drilled To 540 Water STANDing in Hole next A.M. AT 245'. T.D. 500'. INSTALLed 500' of 1" P.V.C. VENT Pipe PerforATed 280'. (NO FLOW LINE)

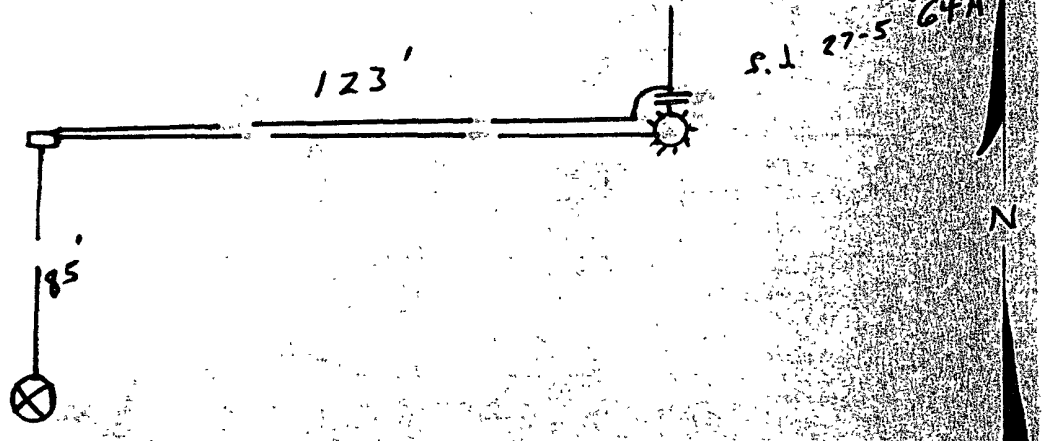
Ditch + 1 cable - 208'
extra cable - 143'
20' meter loop pole + 40V 16A Rect.
Hole depth - 0

All Construction Completed

J E Stalle
(Signature)

~~18 Hr.~~ 16 Hr Rg
2 Hr. O.T.

GROUND BED LAYOUT SKETCH



Jct. Box, Rect., Pole, And Buried Cable Have Not Been INSTALLed on This LOCATION
Complete JS 7/3/80

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

6739

Form 7-1 (Rev. 9-77)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: ____ of ____
Date:
By:
File:

S.J. 27-5 #64A CPS-1546-W NW 9-27-5 W.O. 57594-21

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

		460 — 1.4		Drilled 280', Hole was To crooked To get Back
245 — 1.5	—	1.8	— ③	into Next A.M. Skidded
50 — 2.7		70 — 2.1		over & started new Hole.
2.5	—	2.0	— ②	Drilled To 60' Hit moisture
60 — 2.4	— ⑩	80 — 1.6		Could not Blow water
2.0	—	1.7	— ①	out of Hole. Started
70 — 1.9		90 — 1.3		injecting, could not Drill
2.4	— ⑨ —	1.5		with Air, Due To cuttings
80 — 1.4		500 — 1.4	T.D.	Being caught in moisture
1.0				Area at 60'. Drilled 540'
90 — .9		10		T.D. 500'. water standing in
.7				Hole Next A.M. at 245'
300 — .6		20		installed 500' of 1" PVC
.5				vent pipe, perforated 280'.
10 — .4		30		
1.3	—			
20 — 1.6	— ⑧	40 —	Drilled To	
1.5	—			
30 — 1.4				
1.3	—			11.9 V / 18.0A = .66 Ω
40 — 1.2				6/4/80 JL
.9				
50 — .8				
.8				
60 — .7				1 — 485 — 1.7 — 2.9
.6	—			2 — 475 — 2.2 — 3.7
70 — .4				3 — 465 — 1.8 — 3.4
.4				4 — 425 — 1.9 — 3.6
80 — 1.3	—			5 — 415 — 1.8 — 3.3
1.3				6 — 405 — 1.7 — 3.1
90 — 1.3	—			7 — 395 — 1.7 — 3.2
1.8	— ⑦			8 — 320 — 1.7 — 3.0
400 — 1.8	—			9 — 275 — 2.4 — 4.1
1.9	— ⑥			10 — 260 — 2.4 — 4.2
10 — 1.9				
1.9	— ⑤			
20 — 2.0				
1.4	— ④			
30 — 1.4				
1.2				
40 — 1.0				
.7				
50 — .7				
1.1				

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

CRS 1546 W | LEASE | WELL NO. | CONTRACTOR 3-C DRILLING | RIG NO. #1 | REPORT NO. | DATE 6/03 19 80

MORNING

Driller Brian | Total Men In Crew 3

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

BIT NO. | NO. DC ___ SIZE ___ LENG. ___
NO. DC ___ SIZE ___ LENG. ___
SER NO. | STANDS
SIZE 6 3/4 | SINGLES
TYPE | DOWN ON KELLY
MAKE | TOTAL DEPTH 540 T.D. 500

MUD RECORD

Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
0	20	sandstone
20	120	shale - Blue - moistures 120', 60'
120	180	sand
180	240	sandy shale - water
240	260	water & shale
260	300	shale RED & BLUE

REMARKS –

DAYLIGHT

Driller | Total Men In Crew

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

BIT NO. | NO. DC ___ SIZE ___ LENG. ___
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
300	360	sandy shale
360	400	shale - RED
400	540	shale - RED & BLUE

REMARKS – We had moistures at 60' & 200 water was standing at 245' on the 6/04/80 - T.D. was at 500 when Logged Was making 7 gallons per minute Approx. AT 300'.

EVENING

Driller | Total Men In Crew

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

BIT NO. | NO. DC ___ SIZE ___ LENG. ___
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 Brian Bruge | Company Supervisor