

1371 #32 30-039-07480
#32E 30-039-22411

E

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

Operator MERIDIAN OIL Location: Unit SW Sec. 32 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #32, #32E

cps 1688

Elevation 6767' Completion Date 9/8/83 Total Depth 480' Land Type* N/A

Casing, Sizes, Types & Depths 8' OF 8" CASING

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. 150' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 4600 lbs.

Depths anodes placed: 425', 415', 405', 395', 385', 375', 365', 355', 335', 325'

Depths vent pipes placed: 465'

Vent pipe perforations: 400'

Remarks: gb #2

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MAY 31 1991

OIL CON. DIV
DIST. 7

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 9-8-83

CPS #	Well Name, Line or Plant:	Work Order #	Static: .57	Ins Union Check	OK 788n
1688-W	SJ 29-7 #32E SJ 29-7 #32	57962-21-50-20-64 52536-19-50-20-64	.87 600/W .76	☒ Good	☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:		
SW 32-29-7	2" X 60"	Duriron	6 3/4		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No Sacks Mud Used
480	460		4,600		
Anode Depth					
# 1 425	# 2 415	# 3 405	# 4 395	# 5 385	# 6 375
# 7 365	# 8 355	# 9 335	# 10 325		
Anode Output (Amps)					
# 1 2.4	# 2 2.4	# 3 2.0	# 4 1.9	# 5 2.2	# 6 2.6
# 7 2.7	# 8 3.0	# 9 2.5	# 10 2.6		
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 12.1	Amps 11.0	Ohms 1.1			

Remarks: Driller set 8' of 8" casing & drilled to 100'. Found water at 150'. Estimates 2 gpm no water sample. Installed 465' of 1" PVC vent pipe with 400' of perforations. Slurried approx 4,600 lbs Coke down hole

Rectifier Size: 60 V 30 A
 Addn'l Depth: _____
 Depth Credit: 40'
 Extra Cable: 5'
 Ditch & 1 Cable: 38'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: 1

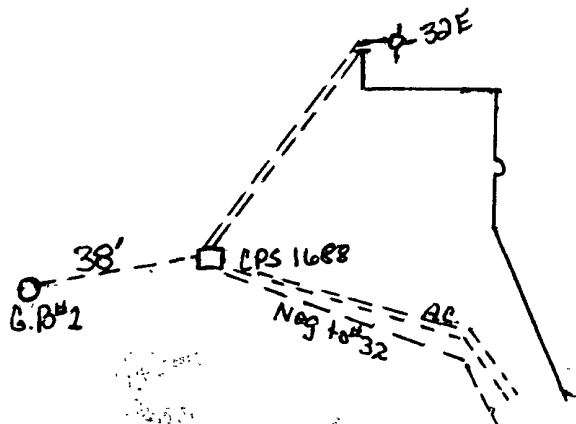
E.P.N.G. Plowed All
 Cables except Positive
 No charge on setting
 this casing

All Construction Completed

C. W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH

O.T. hrs | Reg time
2 | 8 ✓



El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: of
Date: 9-8-83
By: 30
File: C.P.S. # 1688-W
SJ 29-7 # 32E
29-7 # 32
SW-32-29-7wo # 57942-21-50-20-64
wo # 52536-19-50-20-64stat. C = .87 600' / W
union = OK 788 MA

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

150 .6	380 1.1
55 .6	85 1.1 ⑤
60 .5	90 1.1
65 .4	95 1.2 ④
70 .3	400 .8
75 .3	65 1.1 ③
80 .4	10 1.5
85 .4	15 1.4 ②
90 1.0	20 1.5
95 .9	25 1.4 ①
200 .8	30 1.0
05 .7	35 .9
10 .8	40 .6
15 .7	45 .6
20 .7	50 1.0
25 .4	55 1.2
30 .3	60 7.0
35 .3	65
40 .3	70
45 .3	75
50 .3	80
55 .5	
60 .5	
65 1.0	
70 1.2	
75 .5	
80 .4	
95 .4	
300 .5	
05 .6	
10 .9	
15 1.7	
20 1.8	
25 1.5 ⑥	
30 1.6	
35 1.5 ⑨	
40 1.7 ⑧	
45 1.8 ⑦	
50 1.8	
55 1.5 ⑩	
60 1.5	
65 1.4 ⑪	
70 1.2	
75 1.1 ⑫	

Dr. 11er, set 8' of 8" casing,
Drilled to 100'. Found water
at 150' making approx. 2 g.p.m.
No water sample. Installed 465'
of 1" pvc vent pipe with 400'
of perforations. Slurried approx
4,600 lbs Coke Down hole.

Drilled 480
Logged 460

①	425	1.45	2.4
②	415	1.40	2.4
③	405	1.30	2.0
④	395	1.20	1.9
⑤	385	1.20	2.2
⑥	375	1.50	2.6
⑦	365	1.50	2.7
⑧	355	1.70	3.0
⑨	335	1.40	2.5
⑩	325	1.50	2.6

12.1 V 11 A 1.1 Ω

DAILY DRILLING REPORT

LEASE

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

DATE

19

MORNING

DAYLIGHT

EVENING

S.J. 29-7#39E

10680

IRI

9-8-83

MORNING						DAYLIGHT						EVENING					
Driller			Total Men In Crew			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.	
0	260	Sandy shale				430	445	Sand									
260	270	shale				445	460	Sandy shale									
270	310	Sandy shale															
310	430	Sandy shale															
BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.		
SER. NO.			STANDS			SERIAL NO.			STANDS			SERIAL NO.			STANDS		
SIZE			SINGLES			SIZE			SINGLES			SIZE			SINGLES		
TYPE			DOWN ON KELLY			TYPE			DOWN ON KELLY			TYPE			DOWN ON KELLY		
MAKE			TOTAL DEPTH			MAKE			TOTAL DEPTH			MAKE			TOTAL DEPTH		
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 -

approx 29 pm @ 150'

SIGNED: Toolpusher

Company Supervisor

[Signature]
C.W. Donohue

1372

E

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

Operator MERIDIAN OIL Location: Unit SW Sec. 32 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #32, #32E

cps 1688w

Elevation 6767' Completion Date 12/17/62 Total Depth 120' 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: 850 lbs.

Depths anodes placed: 107', 101', 72', 66', 60

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED
MAY 31 1991

OIL CON. DIV.
DIST. 2

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.

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If Federal or Indian, add Lease Number.

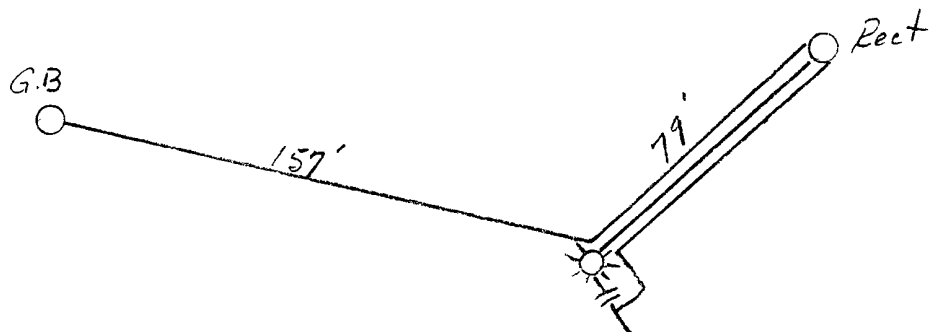
WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

#32E
DATE 12-17-62
WELL NAME SAN JUAN 29-7 NO 32 CPS NO. 1754/1688
LOCATION Sec 32 T29N R 7W
WORK ORDER NUMBER 184-40542-50-02
ANODE HOLE DEPTH 120
TOTAL DRILLING RIG TIME 6 hrs.
DRILLING TIME FOR RECTIFIER POLE HOLE NONE
TYPE AND SIZE BIT USED 1 6 1/4 Rock 8481
NUMBER SACKS MUD USED 0
NUMBER SACKS LOST CIRCULATION MAT'L USED 0
ANODE DEPTHS #1 107, #2 101, #3 72, #4 66 5-60
TOTAL LBS. COKE USED 850 (10 SACKS)
ANODE OUTPUTS 12 VOLTS, #1 2.0, #2 2.3, #3 3.0, #4 3.1 5-3.0
TOTAL CIRCUIT RESISTANCE: VOLTS 11.5 AMPERES 6.5 OHMS 1.77
NUMBER FEET SURFACE CABLE ~~0~~ 425'
DRILLING LOG (ATTACH HERETO).
FORMATION LOG (ATTACH HERETO).
REMARKS: Static C/S .76 R North

ALL CONSTRUCTION COMPLETED

Shawler
SIGNATURE

GROUND BED LAYOUT SKETCH



Redrilled - Now CPS -1688

ORIGINAL & 1 COPY
ALL REPORTS

6767

861

DAILY DRILLING REPORT

LEASE *San Juan 21-7* WELL NO. *82* CONTRACTOR *Lee Wilson* RIG NO. *D-2* REPORT NO. DATE *12-17* 19 *62*

MORNING										DAYLIGHT										EVENING									
Driller					Total Men In Crew					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.															
<i>0</i>	<i>25</i>	<i>S.C.</i>	<i>944</i>		<i>105</i>	<i>130</i>	<i>Sb.</i>	<i>8481</i>																					
<i>25</i>	<i>64</i>	<i>S.S.</i>	<i>"</i>																										
<i>64</i>	<i>82</i>	<i>S.S.</i>	<i>"</i>																										
<i>82</i>	<i>105</i>	<i>S.S.</i>	<i>1</i>																										
NO. DC					NO. DC					NO. DC					NO. DC					NO. DC									
SIZE					SIZE					SIZE					SIZE					SIZE									
LENG.					LENG.					LENG.					LENG.					LENG.									
STANDS					STANDS					STANDS					STANDS					STANDS									
SINGLES					SINGLES					SINGLES					SINGLES					SINGLES									
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY									
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH									
MUD RECORD					MUD, ADDITIVES USED AND RECEIVED					MUD RECORD					MUD, ADDITIVES USED AND RECEIVED					MUD RECORD					MUD, ADDITIVES USED AND RECEIVED				
Time					Time					Time					Time					Time									
WT.					WT.					WT.					WT.					WT.									
Vis.					Vis.					Vis.					Vis.					Vis.									
TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN					TIME BREAKDOWN									
FROM					TO					FROM					TO					FROM					TO				

Rig Time 6 hrs.

SIGNED Toolpusher

Company Supervisor

Wilson