

1374

E

30-039-22379

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. 34 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #61A

cps 1618 w

Elevation 6747' Completion Date 8/5/81 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. 170' NO SAMPLE

Depths gas encountered: N/A

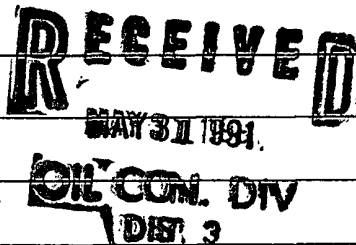
Type & amount of coke breeze used: 6200 lbs.

Depths anodes placed: 445', 435', 425', 415', 405', 395', 315', 305', 295', 280'

Depths vent pipes placed: 477'

Vent pipe perforations: 317'

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) ☐

2" x 60" ANODES

Completion Date 8-5-81

Well Name SJ 29-7 # 61A		Location NW 34-29-7		CPS No. 1618 W	
Type & Size Bit Used 6 3/4				Work Order No. 59157 57951-21	
Anode Hole Depth 480' 1099' 477'	Total Drilling Rig Time	Total Lbs. Coke Used 6200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	445'	435'	425'	415'	405'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	2.60	3.50	3.50	3.70	3.80
Anode Depth	# 6	# 7	# 8	# 9	# 10
	395'	315'	305'	295'	280'
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	2.60	3.4	3.80	2.80	3.20
Total Circuit Resistance	Volts 12.1		Amps 15.0		Ohms .80
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: **STATIC 600' NW .82 well head NOT SET**
DRILLER said hit water at 170'. made Blew approx 2 1/2
gal of mud + water out next A.M. No sample. Installed
477' of 1" Vent Pipe. Perforated 317' of vent pipe.
Slurried 6200# of coke breeze.

All Construction Completed

Willie L. Lough Jr.
(Signature)

GROUND BED LAYOUT SKETCH

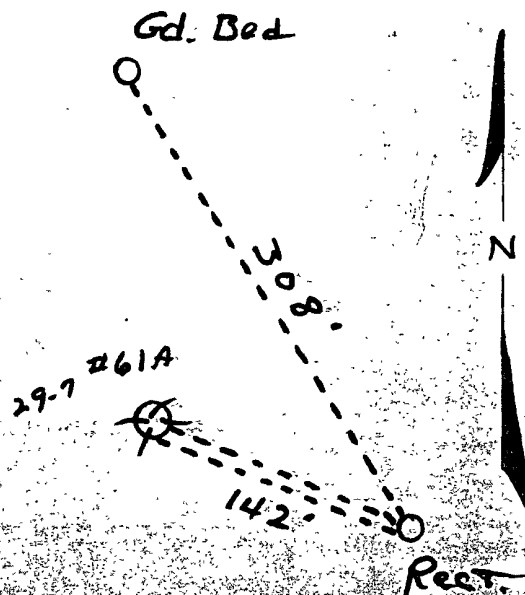
1 40V 16A Rect ✓
 1 20' meter Pole ✓
 Ditch & 1 cable - none ✓
 EXTRA cable - none ✓
 Hole Depth - 23' ✓

EPNG will plow
DC cable

Time / Reg / OT
 8-5-81 / 8 / 2

DISTRIBUTION:

WHITE - Division Corrosion Office
 YELLOW - Area Corrosion Office
 PINK - Originator File



El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 8-5-8
By: WK
File: _____make phone
orderSJ 29-7 #61A
NW 34-29-7
CPS 1618WSTATIC 600' NW .82
W/O 57951-21

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

1 40V 16A Rect
1 20' meter Pole
Ditch 1 cable - NONE
EXTRA cable - NONE
Hole Depth - 23'DRILLER said hit water at
170'. BLEW APPROX 2 1/2
GALLONS of mud & water next
NOT ENOUGH FOR sample
INSTALLED 477' of 1" VENT PIPE
PERFORATED 317' of VENT PIPE
SHIPPED 6200# of COKE BRICK

170	1.10	20	1.00	70	1.10
75	1.20	25	1.60	75	1.10 / 477
80	1.30	30	1.30	80	T.D
85	1.30	35	1.30	85	
90	1.10	40	1.30	90	
95	1.30	45	1.30	95	
200	1.50	50	1.40	500	
05	1.50	55	1.40		
10	1.40	60	1.40		
15	1.00	65	1.40		
20	1.90	70	1.30		
25	1.00	75	1.40		
30	1.90	80	1.50		
35	1.00	85	1.70		
40	1.90	90	1.60		
45	1.80	95	1.10 ①	① 445	1.60 2.60
50	1.90	400	1.10	② 435	1.90 3.50
55	1.90	05	1.30 ⑤	③ 425	1.80 3.50
60	1.80	10	1.20	④ 415	2.00 3.70
65	1.90	15	1.30 ④	⑤ 405	2.30 3.80
70	1.70	20	1.30	⑥ 395	1.60 2.60
75	1.90	25	1.10 ③	⑦ 315	2.10 3.40
80	1.20 ⑩	30	1.20	⑧ 305	2.20 3.80
85	1.10	35	1.20 ②	⑨ 295	1.40 2.80
90	1.80	40	1.10	⑩ 280	2.00 3.20
95	1.00 ⑦	45	1.10 ①		
200	1.40	50	1.00		12.1 V
05	1.30 ⑥	55	1.90		15.0 A
10	1.40	60	1.90		180 Ω
15	1.30 ⑦	65	1.10		

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

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

SJ 29-7 # 614

CPS 1618 W

LEASE WELL NO. CONTRACTOR *Steve Thayer* RIG NO. 2 REPORT NO. DATE *Aug 5* 19 *81*

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

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	120	<i>Sandy shale</i>	460	480	<i>Sandy shale</i>			
120	240	<i>shale</i>						
240	300	<i>sand</i>						
300	330	<i>shale</i>						
330	410	<i>sand</i>						
410	460	<i>Sandy shale</i>						

REMARKS -			REMARKS -			REMARKS -		
<i>Water 170 1/2 GPM</i>								
<i>TD 477 Drilled 480</i>								

SIGNED: Toolpusher

Steve Thayer

Company Supervisor