

1370

30-039-22629

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 NW Sec. 17 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #86A

cps 1689w

Elevation 6770' Completion Date 11/23/82 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. 180' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3500 lbs.

Depths anodes placed: 360', 350', 340', 330', 320', 310', 300', 290', 270', 260'

Depths vent pipes placed: 380'

Vent pipe perforations: 230'

Remarks: rgb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐Completion Date 11-23-82

CPS #		Well Name, Line or Plant		Work Order #		Static:		Ins. Union Check	
1689-W		S.J. 29-7 # 86-A		59101-21-50-20-44		600'S = .81		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit:			
NW-17-29-7		2"X60"		DURIRON		6 3/4" carbide T.P. Rock B.T.			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
400'		375'				APPROX. 3500			
Anode Depth									
# 1	360	# 2	350	# 3	340	# 4	330	# 5	320
# 6	310	# 7	300	# 8	290	# 9	270	# 10	260
Anode Output (Amps)									
# 1	2.62	# 2	3.03	# 3	3.02	# 4	2.79	# 5	2.64
# 6	2.41	# 7	3.80	# 8	2.25	# 9	2.94	# 10	2.85
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 12.50		Amps 12.80		Ohms .98					

Remarks: ST. 96 600'S = .81-1500MA. CASING + UNION GOOD
DRILLER SAID WATER AT 160' CAUGHT WATER SAMPLE 11-22-82 and
DRILLED to 400'. 11-23-82 Logged 375'. installed 380' OF
vent Pipe, 230' Perforations

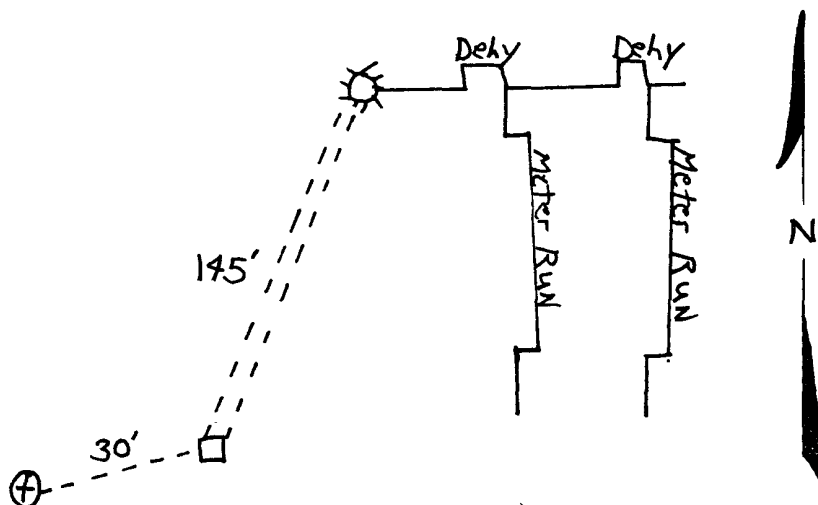
Rectifier Size: 40 V 16 A
 Addn'l Depth: NO
 Depth Credit: 125'
 Extra Cable: 175'
 Ditch & 1 Cable: 175'
 25' Meter Pole: NO
 20' Meter Pole: 1
 10' Stub Pole: 1

All Construction Completed

Don Jon Hitt
(Signature)

GROUND BED LAYOUT SKETCH

DATE	Reg.	O.T.
10-22	8 hrs	
10-23	8 hrs	



6770

ENGINEERING CALCULATION SHEET 1689-W

Form 7-371 (11-77)

S.D. 29-7-# 86-A NW-17-29.7

WO# 59101-21-50-20-64

Page

Date

By

11-22-82
11-22-82
11-22-82

ST. 9/6 600' S = .81 MA 1500 CASING+ UNION = Good

1	160	.81	360	1.52-1	11-22-82 Driller Said water
2					at 160' caught water sample
3	70	.85	2.10		Drilled to 400'
4			70	1.90	11-23-82 Logged 375'
5			75	Bo.H.	Installed 380' OF VENT
6	80	.83	80		Pipe 230' Perforations
7					
8	90	.59	90		
9					
10	200	.27	4.00		
11					
12	10	.32			
13					
14	20	.50			
15					
16	30	.50			
17					
18	40	.64			
19					
20	50	1.29			
21					
22	60	1.53			
23					
24	70	1.59	10		
25					
26	80	1.60			
27					
28	90	1.24	9		
29					
30	100	1.10			
31					
32	110	.83			
33					
34	120	.86			
35					
36	130	1.22	8		
37					
38	140	2.04			
39					
40	150	2.55	9		
41					
42	160	1.78			
43					
44	170	1.60	6		
45					
46	180	1.66			
47					
48	190	1.85	5		
49					
50	200	2.01			
51					
52	210	1.65	4		
53					
54	220	1.85			
55					
56	230	2.20	3		
57					
58	240	2.07			
59					
60	250	2.00	2		
61					
62	260	1.49			
63					
64	270				
65					
66	280				
67					
68	290				
69					
70	300				
71					
72	310				
73					
74	320				
75					
76	330				
77					
78	340				
79					
80	350				
81					
82	360				
83					
84	370				
85					
86	380				
87					
88	390				
89					
90	400				
91					
92	410				
93					
94	420				
95					
96	430				
97					
98	440				
99					
100	450				

229.1

11-22 Reg. at.
8 2

11-23

1- 360-1.58
2- 350-2.05
3- 340-2.28
4- 330-1.90
5- 320-1.85
6- 310-1.76
7- 300-2.70
8- 290-1.26
9- 270-1.56
10- 260-1.60

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10663 Date December 7, 1982
Operator El Paso Natural Gas Well Name San Juan 29-7 #86-A
Location NW 17-29-7 County Rio Arriba State New Mexico
Field _____ Formation _____
Sampled From CPS 1689W @ 160 Feet

Date Sampled November 22, 1982 By D. J. Hitt

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>25</u>	<u>1.1</u>	Chloride <u>10</u>
Calcium <u>300</u>	<u>15.0</u>	Bicarbonate <u>146</u>
Magnesium <u>39</u>	<u>3.2</u>	Sulfate <u>800</u>
Iron _____	_____	Carbonate <u>0</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

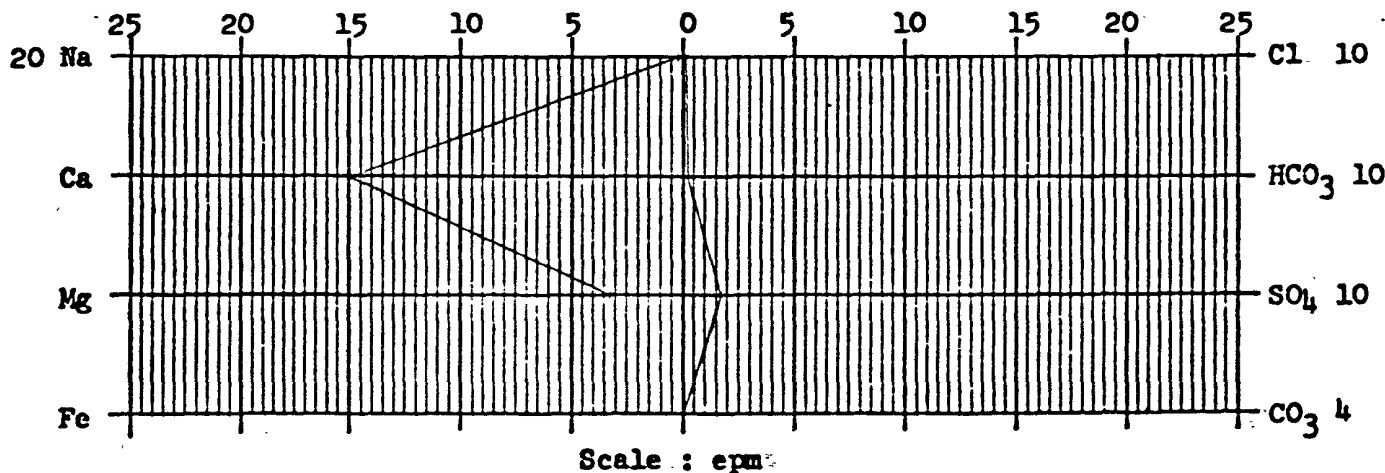
Total Solids Dissolved 1292

pH 6.9

Sp. Gr. 1.0013 At 60°F

Resistivity 656 ohm-cm at 73°F

Joe P. Barnett & Dennis P. Bird *RZJ*
Chemist



1689-W

DAILY DRILLING REPORT

LEASE 3-J. 29-1

WELL NO. 86-A

CONTRACTOR 3-C Wells To Commanche No. 42

REPORT NO. 12

DATE Nov 22

19 82

MORNING

DAYLIGHT

EVENING

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	30	Adaptation			30	120	sand & shale								
30	40	shale			120	140	shale								
40	70	sandstone			140	240	sand, shale, water								
70	90	shale			240	400	shale								
BIT NO.		NO. DC		SIZE	NO. DC		SIZE	LENG.		BIT NO.		NO. DC		SIZE	
SER. NO.		NO. DC		SIZE	NO. DC		SIZE	LENG.		SERIAL NO.		NO. DC		SIZE	
SIZE 6 3/4		SINGLES		20	SINGLES					SIZE		SINGLES			
TYPE Patton		DOWN ON KELLY			DOWN ON KELLY					TYPE		DOWN ON KELLY			
MAKE same		TOTAL DEPTH		400'	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 - All water 160' 3 gallons
in 7 min. 240' 2000
sample,
Total hole depth - 400'
Total log depth - 395'

REMARKS -

REMARKS -

SIGNED: Toolpusher Brian Budge

Company Supervisor