

1388

30-039-22398

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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. 29 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #112M

cps 1625w

Elevation 6378' Completion Date 8/7/81 Total Depth 620' 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. 55' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 7200 lbs.

Depths anodes placed: 580', 565', 545', 530', 520', 405', 395', 365', 325', 315'

Depths vent pipes placed: 600'

Vent pipe perforations: 560'

Remarks: gb #1

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OIL CON
DIST

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 8-7-81

Well Name SJ 29-7 # 112M		Location NW 29-29-7		CPS No. 1625W	
Type & Size Bit Used 6 3/4"				Work Order No. 57946-21	
Anode Hole Depth 620' logged 600'	Total Drilling Rig Time	Total Lbs. Coke Used 7200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 580	# 2 565	# 3 545	# 4 530	# 5 520	# 6 405
# 7 395	# 8 365	# 9 325	# 10 315		
Anode Output (Amps)					
# 1 1.9	# 2 1.8	# 3 2.4	# 4 2.2	# 5 2.4	# 6 2.3
# 7 1.7	# 8 2.2	# 9 2.5	# 10 2.5		
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. 3 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.1	Amps 11.5	Ohms 1.05			

Remarks: STATIC 600' W. .72 F/L NOT laid. NO UNION.

DRILLER said HIT WATER AT 55'; GOT Sample. DRILLED TO 500'; NEXT AM had APPROX. 75' of water in hole. Sand taking water.

INSTALLED 600' of 1" VENT PIPE. PERFORATED 560' of VENT PIPE
SLURRIED 7200lbs. of COKE Breeze.

WORKING APPROX 2 GPM

1 40V 16A Rect ✓

1 20' meter Pole ✓

DITCH + 1 cable - 399' ✓

EXTRA cable - 127' ✓

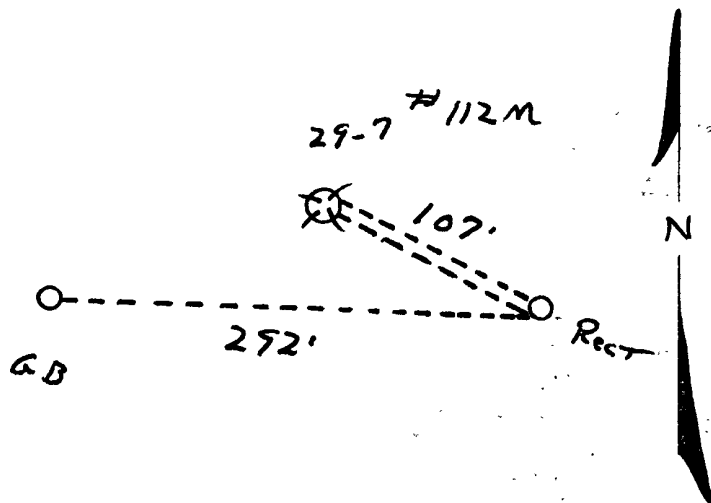
Hole Depth - +100' ✓

All Construction Completed

William Loughton Jr.
(Signature)

GROUND BED LAYOUT SKETCH

Time	Reg	OT
8-7-81	8	1 ✓



DISTRIBUTION:

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

6378

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 8-7-8 of 8-7-8
Date: WK
By: WK
File: WK

SJ 29-7 #112 M
NW 29-29-7
CPS 1625 W

STATIC 600 W .72
W/O 57946-21

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

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

1 40V 16A Rect
1 20' METER Pole
Ditch & 1 cable - 399'
EXTRA cable - 1.27'
Hole Depth - + 100'

DRILLER Said HIT WATER AT
55' Got WATER sample
DRILLED TO 500', NEXT AM had
APPROX 75' of INHOLE SAND
TAKING 2 LOT of WATER
INSTALLED 600' of 1" VENT PIPE
PERFORATED 560' of VENT PIPE
SHIPPED 7200 lbs. of COK BRK
MAKING APPROX 2 GPM

55	30	20	05	1.20	80	70
60	35	50	10	1.70	85	70
65	40	90	15	1.70	90	60
70	45	60	20	1.60	95	60
75	50	50	25	1.60	600	60
80	55	40	30	1.60	05	
85	60	30	35	1.60	10	
90	65	40	40	1.60	15	
95	70	70	45	1.60	20	T.D
100	75	30	50	1.60	25	
05	80	40	55	1.60	30	
10	85	50	60	1.60	35	
15	90	70	65	1.60	40	
20	95	50	70	1.60	45	
25	300	50	75	1.70	50	
30	05	50	80	1.70		
35	10	60	85	1.60		
40	15	1.00	90	1.60		
45	20	90	95	1.60		
50	25	90	500	70		
55	30	180	05	70	580	90 1.90
60	35	50	10	70	565	90 1.80
65	40	50	15	70	545	1.15 2.40
70	45	40	20	80	530	90 2.20
75	50	40	25	1.00	520	1.30 2.40
80	55	70	30	1.70	405	1.40 2.30
85	60	1.00	35	1.70	395	1.00 1.70
90	65	1.00	40	70	365	1.20 2.20
95	70	70	45	1.90	325	1.50 2.50
100	75	70	50	.60	315	1.50 2.50
05	80	70	55	1.60		12.1 V
10	85	80	60	1.70		11.5 A
15	90	80	65	1.70		1.05 Ω
20	95	70	70	1.60		
25	400	1.00	75	1.60		

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

Analysis No. 1-10330

Date 8-25-81

Operator El Paso Natural Gas

Well Name S.J. 29-7 #112 M - CPS 1625-W

Location NW 29-29-7

County San Juan

State New Mexico

Field Blanco

Formation _____

Sampled From @ 55'

Date Sampled 8-7-81

By Willis Knight

Tbg. Press. _____

Csg. _____

Surface Csg. Press. _____

Sodium 290 ppm 12.6 epm

Chloride 148 ppm 4.2 epm

Calcium 588 ppm 29.4 epm

Bicarbonate 200 ppm 3.3 epm

Magnesium 54 ppm 4.4 epm

Sulfate 1,875 ppm 39.0 epm

Iron No test

Carbonate 0 ppm 0 epm

H₂S No test

Hydroxide 0 ppm 0 epm

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

Total Solids Dissolved 3,518

pH 7.6

Sp. Gr. 0.9985 At 60°F

Resistivity 278 ohm-cm at 75°F

Dennis P. Bird - Joe P. Barnett

Chemist

B-7-C

