

1277

#59M 30-039-22224

#149 30-039-20602

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

Operator MERIDIAN OIL Location: Unit SE Sec. 6 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #59M, #149

cps 1595w

Elevation 6541' Completion Date 7/7/81 Total Depth 440' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 170' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 5000 lbs.Depths anodes placed: 380', 370', 360', 330', 320', 310', 300', 255', 245', 235'Depths vent pipes placed: 433'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.

Rio Arriba
WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Well Name SJ 27-5 * 59 M (2" X 60" Durion)		Completion Date 7/7/81	
Type & Size Bit Used 6 3/4" P.C.		Location SE 6-27-5	
Anode Hole Depth 440' T.D. 433'	Total Drilling Rig Time	Total Lbs. Coke Used 5000 LB.	Work Order No. 57962-21-50-2
Anode Depth		Lost Circulation Mat'l Used	No. Sacks Mud Used
#1 380'	#2 370'	#3 360'	#4 330'
#1 4.0	#2 4.1	#3 3.4	#4 3.1
#11	#12	#13	#14
#11	#12	#13	#14
Total Circuit Resistance	Amps 17.3	Ohms .7	
Volts 12.2			
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: **STATIC ON SJ 27-5 * 59 M 600 W = .96 V. STATIC ON SJ 27-5 * 149 600 W = .81 V. Driller said WATER AT 170'. Drilled 180' WATER STANDING IN Hole Next A.M. AT 170'. Took water sample. Estimated Hole making approx. 1 gal/min. Drilled To 440' logged 433'. Installed 433' of 1" P.V.C. vent pipe, Perforated 280'.**

- 1 60V 30A Rect.
- 1 25' meter Loop Pole
- Hole Depth - 67'

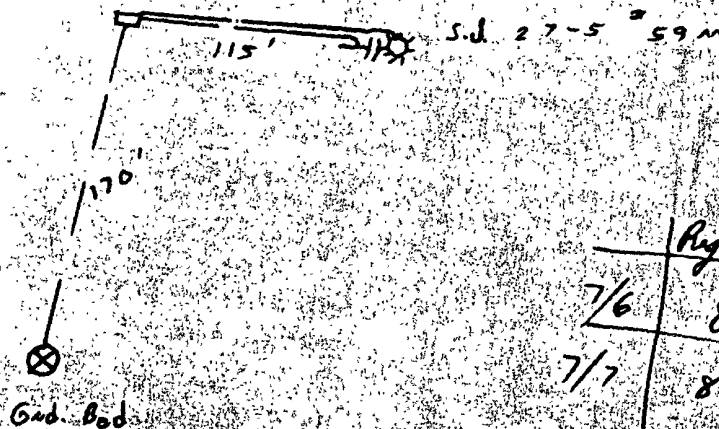
All Construction Completed

E.P.N.G. WILL INSTALL ALL CABLE ON LOCATION

GROUND BED LAYOUT SKETCH
CPS #1595 W

(Signature)
J. C. Smith

SAN JUAN 27-5 * 149



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

16541

S.J. 27-5 #59M

CPS - 159.5 W

N.O. 57962-21-50-20

S.J. 27-5 #149

SE 6-27-5

55530-21-50-20

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

MW	MISC	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 ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

170 -	310 - 1.1 - ⑥	Driller said WATER AT 170'
	1.0	Drilled To 180' WATER Standing
80 -	20 - 1.1 - ⑤	in Hole NEXT A.M. AT 170'
	1.0	Took WATER SAMPLE, ESTIMATED
90 -	30 - 1.0 - ④	Hole MAKING APPROX. 1 GAL./MIN
	1.0	Drilled 440' Logged 433'
200 -	40 - .9	INSTALLED 433' of 1" P.V.C.
	1.0	VENT pipe Perforated 280'
10 - .3	50 - .9	
.6	1.0	
20 - .8	60 - 1.0 - ③	
1.1	1.0	
30 - 1.0	70 - 1.1 - ②	
1.2 - ⑩	1.2	
40 - 1.2	80 - 1.1 - ①	
1.1 - ⑨	1.0	
50 - 1.1	90 - .8	
1.1 - ⑧	.7	
60 - 1.0	400 - .6	
1.0	.4	
70 - .7	10 - .3	
.5	.4	
80 - .4	20 - .4	
.4	.3	
90 - .5	30 - .3	
1.2	433 T.D.	
300 - 1.2 - ⑦	40 - Drilled To	
1.2		
		1 - 380 - 2.0 - 4.0
		2 - 370 - 2.08 - 4.1
		3 - 360 - 1.5 - 3.4
		4 - 330 - 1.6 - 3.1
		5 - 320 - 2.04 - 3.9
		6 - 310 - 1.98 - 4.0
		7 - 300 - 2.39 - 4.2
		8 - 255 - 2.15 - 4.0
		9 - 245 - 2.2 - 3.8
		10 - 235 - 2.1 - 3.6

12.2[✓] 17.3 A = .7
 7/7/81
 J

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

Analysis No. 1-10241

Date 7-15-81

Operator EPNG

Well Name SJ 27-5 #59M 170 ft. CPS 1595 W

Location SE 6-27-5

County Rio Arriba

State New Mexico

Field Blanco

Formation

Sampled From

Date Sampled 7-7-81

By J. E. STOTTS

Tbg. Press.

Csg.

Surface Csg. Press.

Sodium ppm 354

epm 15.4

Chloride ppm 2

epm .1

Calcium 2

.1

Bicarbonate 620

10.2

Magnesium .5

.04

Sulfate 250

5.2

Iron

Carbonate 2

.07

H₂S Absent

Hydroxide 0

0

cc: R. A. Ullrich

E. R. Paulek

J. W. McCarthy

J. D. Evans

W. B. Shropshire

D. C. Adams

File

Total Solids Dissolved 984

pH 9.0

Sp. Gr. 1.0422

At

60°F

Resistivity 709

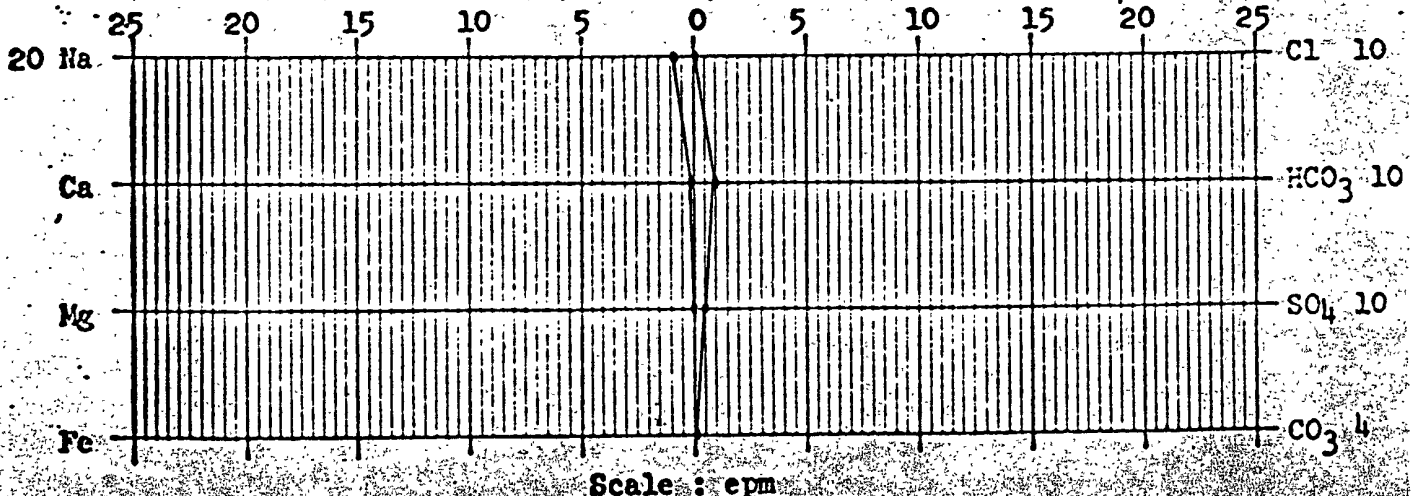
ohm-cm at

81 °F

Hole making approx. 1 gal/min.

Debbie Dimetclaw
Chemist

PZE



DAILY DRILLING REPORT

CP51595W

RIG NO. 7

REPORT NO.

D.

1991

[illegible]

SIGNED: 'Toolpusher'

Company Supervisor