

8

62- 30-039- 07376

119- 30-039- 08063

461- 30-039- 24975

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec 22 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #62, #119, #461
cps 1165w

Elevation 6569' Completion Date 7/29/77 Total Depth 340' 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. 90'

Depths gas encountered: N/A

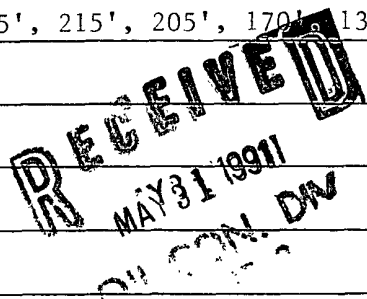
Type & amount of coke breeze used: 42 SACKS

Depths anodes placed: 280', 270', 235', 225', 215', 205', 170', 135', 115', 105'

Depths vent pipes placed: 290'

Vent pipe perforations: 200'

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Int File

Drilling Log (Attach Hereto) ☐

Completion Date **7-29-77**

Well Name SAN JUAN 28-6 Units #119		Location NE 22-28-6		CPS No. 1165W	
Type & Size Bit Used 6 3/4"				Work Order No. #62-40016.19 #119-54402.19	
Anode Hole Depth 340-324	Total Drilling Rig Time	Total Lbs. Coke Used 42	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 280	#2 270	#3 235	#4 225	#5 215	#6 205
#7 170	#8 135	#9 115	#10 105		
Anode Output (Amps)					
#1 2.7	#2 2.4	#3 3.7	#4 3.0	#5 3.4	#6 2.8
#7 3.0	#8 2.5	#9 3.8	#10 4.8		
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 11.7	Amps 15.3	Ohms 0.76			

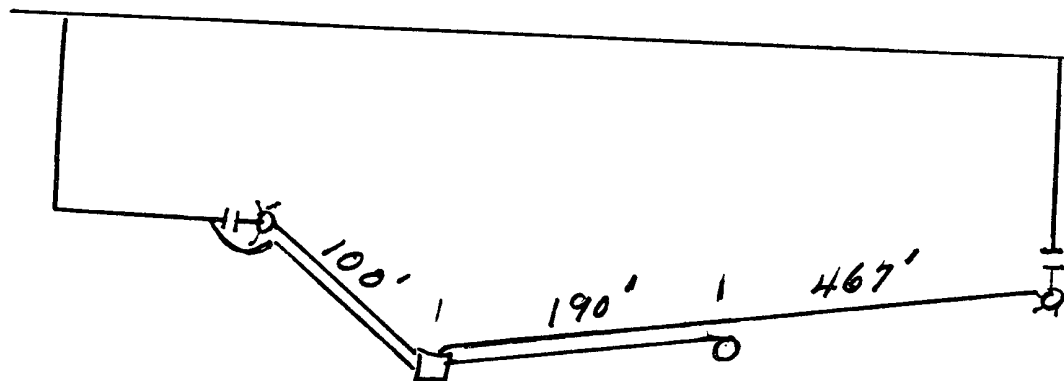
Remarks: **Static #62 600' S.E. = 0.72. Static #119 600' S.W. = 0.76**
DRILLER SAID WATER @ 90'. DRILLED TO 120'. NEXT A.M. BLEW WATER OUT.
PERFORATED 200' OF 1" PVC VENT PIPE. INSTALLED 290' OF 1" PVC VENT PIPE.
SUPPLIED 42 SACKS OF COKE.

INSTALLED 60V 30A RECTIFIER & STUB POLE.

All Construction Completed

W. Z. Louie
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6564

El Paso Natural Gas Company:
ENGINEERING CALCULATION

Sheet: of:

Date:

By:

File:

SAN JUAN 28-6 Unit # 62

40016.19

SAN JUAN 28-6 Unit # 119

NE 22-28-6

1165W

54442.19

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

STATIC #62 600'SE = 0.72			DRILLER SAID MAKING WATER @ 90
STATIC #119 600'SW = 0.76			Drilled to 120'. Next AM. Blew water
			PERFORATED 200' of 1" vent pipe
			Installed 290' of 1" vent pipe
			Shipped 42 SACKS of CORC
100 2.5	90 .7		
2.3 - (10)	.5		
10 1.7	300 .5		
1.8 - (9)	.5		
20 1.2	10 .6		
.7	.6		
30 .4	20 .8		
1.5 - (8)	324		
40 1.1	30		
.5			
50 .6	40		
.4			
60 .2			
.4			
70 1.8 - (7)			
1.2			
80 .7			
.7			
90 .6			
.9			
200 1.0			
1.5 - (6)			
10 2.1			
1.7 - (5)			
20 1.4			
1.7 - (4)			
30 1.6			
1.8 - (3)			
40 1.1			
.7			
50 .4			
.4			
60 .5			
1.0			
70 1.4 - (2)			
1.6			
80 1.2 - (1)			
1.1			

11.7 m/s 15.3 m/s 0.76 ohms

DAILY DRILLING REPORT

LEASE			WELL NO. 1165			CONTRACTOR Posey			RIG NO.			REPORT NO.			DATE 7-28			1977		
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.						
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.			
SERI NO.		STANDS				SERI NO.		STANDS				SERI 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						
0	8	Surface				210	270	Shale												
8	30	Clay				270	290	Sandy Shale												
30	70	Shale				290	300	Sand Rock												
70	75	Sand Dry				300	335	Shale												
75	85	Shale				335	340	Sand												
85	95	Sand wet																		
REMARKS -						REMARKS -						REMARKS -								
95-165 Shale																				
165-200 Sandy Shale																				
200-210 Sand Rock																				

SIGNED: Toolpusher

Company Supervisor