

30-039-67466

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 SW Sec. 10 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #19
cps 1109w

Elevation 6656' Completion Date 9/28/77 Total Depth 320' 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. 80'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 235', 225', 215', 205', 195', 185', 175', 165', 155', 145'

Depths vent pipes placed: 240' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 9-28-77

Well Name SAN JUAN 28-5 UNIT #19		Location SW10-28-5		CPS No. 1109W	
Type & Size Bit Used 6 3/4"				Work Order No. 53263.19	
Anode Hole Depth 320 Logged 313	Total Drilling Rig Time	Total Lbs. Coke Used 40	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 235	# 2 225	# 3 215	# 4 205	# 5 195	# 6 185
# 7 175	# 8 165	# 9 155	# 10 145		
Anode Output (Amps)					
# 1 4.0	# 2 5.0	# 3 4.8	# 4 3.5	# 5 2.6	# 6 3.7
# 7 3.2	# 8 4.5	# 9 5.3	# 10 4.6		
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 11.2	Amps 16.0	Ohms 0.70			

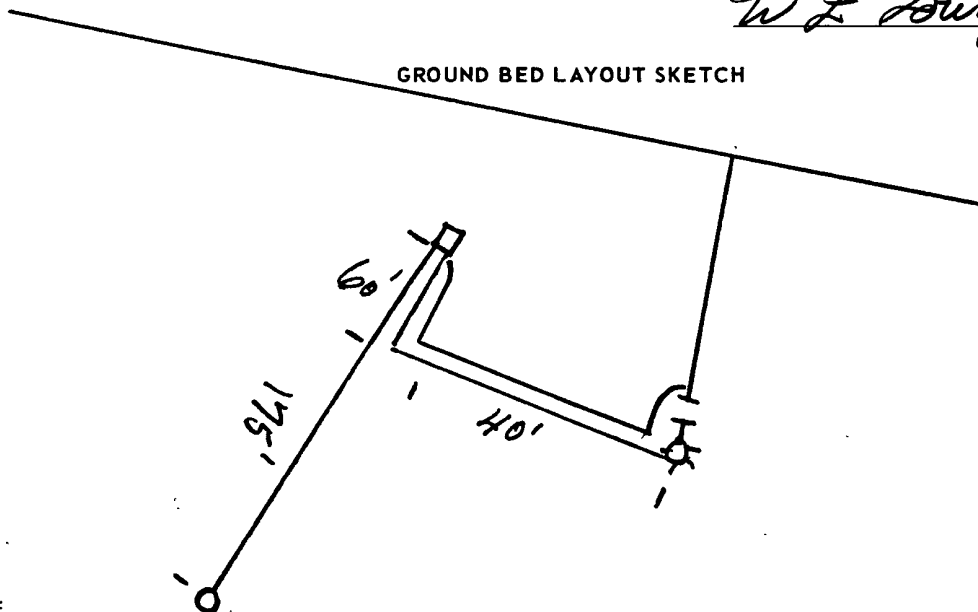
Remarks: Static 600' E = 0.79. Driller said MAKING WATER @ 80'
STARTED INJ. @ 140'. PERFORATED 200' OF 1" PVC VENT PIPE. INSTALLED
240' OF 1" PVC VENT PIPE. SLURRIED 40 SACKS OF COKE.

INSTALLED 40V 16A RECTIFIER & STUB POLE

All Construction Completed

W Z Lout
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

West

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

SAN JUAN 28-5 UNIT #19 SW10-28-5 1109W 53263.19

Static 600' E = 0.79

DRILLER SP. & MAKING WATER @ 80'

40V16 A Rectifier

Reiterated 200' of 1" PVC vent Pipe
Installed 240' of 1" PVC vent Pipe
Shredded sacks of coke

Stub Pole

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

DICK UP RACK
FOR WIRE RECORD

80	30	2.5	
		2.6	①
70	40	1.4	
		.4	
100	50	1.4	
		.6	
10	60	.6	
		1.0	
20	70	.4	
1.5		.3	
30	80	.3	
2.2		1.2	
2.4	90	1.4	
40		1.5	
2.2	100	1.2	
2.3		.8	
50	10		
2.6			
2.5	20		
2.5			
2.2	30		
1.7			
1.8	40		
2.2	50		
2.2			
1.3	60		
1.5			
1.7	70		
2.2			
2.4	80		
2.6			
2.6	90		

①	235	2.6	4.0
②	225	3.1	5.0
③	215	3.1	4.8
④	205	2.2	3.5
⑤	195	1.5	2.6
⑥	185	2.2	3.7
⑦	175	1.8	3.2
⑧	165	2.7	4.5
⑨	155	2.9	5.3
⑩	145	2.6	4.6

11.2 Volts
16.0 Amps
0.70 Ohms

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

DAILY DRILLING REPORT

LEASE			WELL NO. 1109W			CONTRACTOR Posey Drilling Co.,			RIG NO.			REPORT NO.			DATE 9-28-77			19		
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.						
					TD 316 ft															
BIT		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.			
SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES				
TYPE		DOWN ON KELLY		TOTAL DEPTH		TYPE		DOWN ON KELLY		TOTAL DEPTH		TYPE		DOWN ON KELLY		TOTAL DEPTH				
MAKE		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MAKE		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		MAKE		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	8	Surface				79	85	Sand Wet mud				258	275	Sandy shale						
8	15	Sandstone				85	125	Sandy shale				275	300	shale						
15	22	Sand Wet				125	185	shale				300	320	sandy shale						
	35	Shale				185	232	Sandy shale												
35	46	Sand Wet				232	250	Red shale												
46	79	Shale				250	258	Blue shale												
REMARKS -						REMARKS -						REMARKS -								
						Drilled 320 ft														
						Logged 313 ft														
						making Water 79-85														
						injected 140 ft														