

128
3A-30-045-21718

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. 12 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced GRAMBLING C #3A

cps 1052w

Elevation 6367' Completion Date 7/8/76 Total Depth 433' 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. 230'

Depths gas encountered: N/A

Type & amount of coke breeze used: 54 SACKS

Depths anodes placed: 415', 405', 370', 360', 350', 340', 330', 295', 285', 275'

Depths vent pipes placed: N/A

Vent pipe perforations: 254'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. D.
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

Log

Drilling Log (Attach Hereto). ☐

Completion Date 7-8-76

Well Name Grambling C No. 3A		Location SE 12-30-10		CPS No. 1052W	
Type & Size Bit Used 6 3/4				Work Order No. 57036.19-50-20	
Anode Hole Depth Log 433	Total Drilling Rig Time	Total Lbs. Coke Used 54	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 415	# 2 405	# 3 370	# 4 360	# 5 350	# 6 340
# 7 330	# 8 295	# 9 285	# 10 275		
Anode Output (Amps)					
# 1 4.7	# 2 3.7	# 3 3.7	# 4 4.4	# 5 4.2	# 6 4.9
# 7 4.6	# 8 3.1	# 9 3.3	# 10 3.9		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 12.1	Amps 17.7	Ohms 0.68			
			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used	

Remarks: **Blew Water out of Hole at 230', Start inject Water. Drilled to 440, Water at 230 in Est. 30 Min. Vent Perforated 254' Slurry 54 Sacks Coke**

2248.00

67.77 cable

170.00 handles

173.25 handwire

398.40 Depth

3057.42

122.30 Tons

3179.72

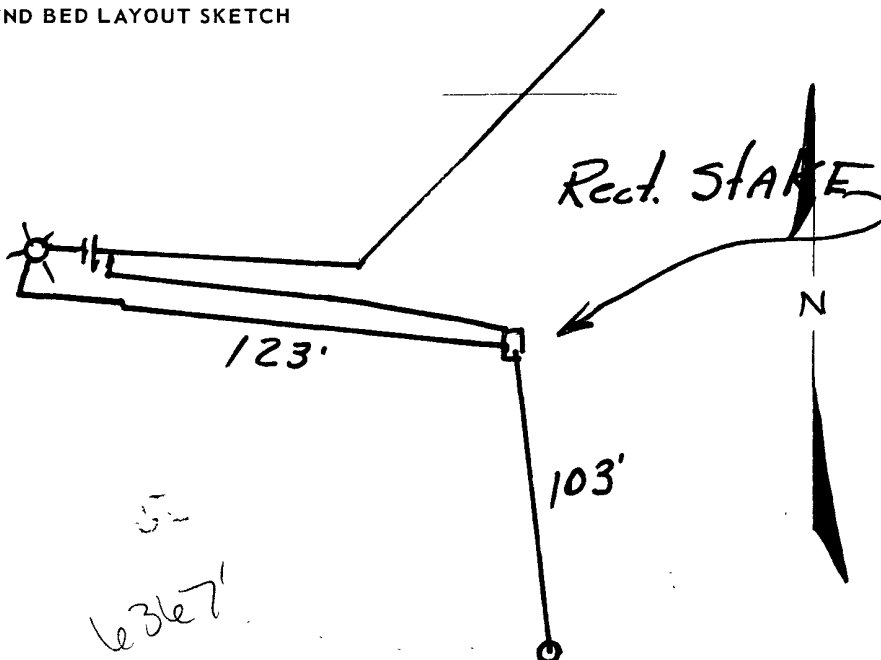
213.40 Slurry

324.00 coke

194.50 Rest

3911.62

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

1052W Grambling C#3A

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

230	.7	Step without at 230'			
	.6	Start inj -			
	.6	Water at 230 in 30 Min			
20	.6				
	.6				
60	.6				
	.7				
70	1.3				
	1.6				
10	1.8				
	1.7				
20	1.5				
	1.4				
30	1.4				
	.8				
20	.5				
	.1				
20	.5				
	1.2				
30	2.0				
	1.6				
40	1.4				
	2.0				
50	1.9				
	2.0				
60	2.1				
	2.0				
70	1.9				
	1.4				
80	1.3				
	1.1				
90	.9				
	.6				
100	1.5				
	2.1				
10	2.3				
	2.6				
20	2.7				
	2.6				
30	433 T.D.				
40					

1	4.5	3.2	4.7
2	4.0	2.5	3.7
3	3.7	2.5	3.7
4	3.6	2.8	4.4
5	3.5	2.1	4.2
6	3.4	3.2	4.9
7	3.3	3.2	4.6
8	2.9	1.7	3.1
9	2.8	1.9	3.3
10	2.7	2.3	3.9

$$177/12.14 = 17.7A = 0.68$$

$$10.62$$

$$1290$$

$$1316$$

$$14$$

