

4651
30-045-07243

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

Operator MERIDIAN OIL Location: Unit M Sec. 22 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced GRAMBLING A #2

cps 58w

Elevation 5913' Completion Date 10/28/61 Total Depth 163' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 8 SACKS

Depths anodes placed: 155', 148', 141', 134', 127', 118', 106'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: _____

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.

RECEIVED
MAY 31 1991
WIL CON. DIV
DIST 2

58W

SAN JUAN DIVISION
WELL CASING CATHODIC PROTECTION
DAILY CONSTRUCTION
PROGRESS REPORT

DATE 10/28/61

WELL NAME - Crabbling #2-A WORK ORDER NO. 184-52006-50-20

NUMBER AND DEPTH OF HOLES: #1 163', #2 , #3 , #4 , #5 .

DEPTH OF EACH ANODE: #1 155', #2 148', #3 141', #4 134', #5 127', #6 118', #7 106'
#8 , #9 , #10 .

ANODE RESISTANCES: #1 5.8, #2 5.4, #3 7.2, #4 6.1, #5 4.1, #6 5.4, #7 7.0
#8 , #9 , #10 .

TOTAL CIRCUIT RESISTANCE: 1.8 OHMS.

DRILLING LOG: (ATTACH HERETO)

AMOUNT OF COKE BREEZE PLACED IN EACH HOLE: #1 8 sacks, #2 , #3
#4 , #5 .

ANY DIFFICULTIES ENCOUNTERED IN DRILLING:

ROCKS-

LOST CIRCULATION- losing water 21'

CASING INSTALLED-

DATE ALL CONSTRUCTION COMPLETED 10/28/61.

REMARKS:

used 2 sacks mud 1 sack Halls
2 1/2 loads water

Used same BIT AS ON Crabbling #3-A was getting
dull last 50'

Shale gumming up hole slightly

Edward R. Paulk
SIGNATURE OF INSPECTOR

Form 7-1R (5-56)

EL PASO NATURAL GAS COMPANY

PROCESS CALCULATIONS

Sheet No.

Date

Preliminary

Final

By Chk.

PROJECT

Crambling #2A 22-28N-8W

SUBJECT

Drilling log

10/27 - 10/28/61

Depth	Strata	Soil Box Res.	Vibrated Res.
10/27 4:15 PM			
0-20'	SAND	4250	-
22'	Losing water mix mud	-	-
	1 sack 1/2 sack Halls	-	-
20'-35'	SAND	1670	20-2
35'-40'	SAND STONE	1600	20-2
Stopped Drilling 5:30 P.M. 10/27/61		-	-
Started Drilling 8:45 P.M. 10/28/61		-	-
Mixed Halls 1/2 sack + 1 sack mud		-	-
40-60	SAND STONE Heavy mud	650	10-2
60-75	SHALE Stringer + sandstone	556	2.0-2
75-80	Gray sand stone thin mud	777	1.8-2
80-100	sand Gray sand stone	780	-
100-110	Gray sand stone	-	-
110-112	SHALE Stringer + sandstone	722	1.6-2
112-115	Gray sand stone	720	1.6-2
115-120	Blue shale	620	1.5-2
120-140'	Grayish blue shale	700	1.6-2
140-160'	Grayish blue shale	680	1.6-2
160-163'	Gray sand stone	710	1.6-2
1:15 P.M.	Finished Drilling + Flushed Hole		
4:00 PM	Finished Installing Anodes Right location		

STW	rate/mol
16 C ₃	6.4
30 C ₂	9.87
14 C ₃	10.44
58 C ₄	12.40
" C ₁	11.96
72 C ₂	13.88
" C ₃	15.71
30 C ₄	15.3
" C ₂	15.59
100 C ₂	17.2
" C ₁	17.19
111 C ₃	19.41
28 C ₂	5.80
42 C ₂	10.02

WISC	ent/mol
11 C ₂	1.53
31 H ₂ S	3.12
25 N ₂	1.16
2 H ₂	1.35