

W. A. MONCRIEF, JR. #2 BALDRIDGE FEDERAL
Unit B, Section 14, T24S, R24E, Eddy County

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O. C. D.

ARTESIA, OFFICE

(1) This is a south offset to the previously-discussed Marathon State #1 which was permanently damaged by a shut-in period required by EPNG in June of 1982.

This well also produces from Morrow "B" perfs 10,403-10,410', Morrow "E" perfs 10,624-10,638' and a lower very radioactive sand 10,727-10,742'.

The Morrow "B" sand which made the water in the Marathon State #1 well was encountered 5' higher in the #2 Baldrige Federal well.

Current production varies from 2,050 to 2,230 MCFGPD on 14/64" choke depending on El Paso's line pressure. FTP varies from 1250 to 1275#.

EPNG requested that this well's volume be pinched back 50% on 9-12-82. It delivered gas ARO 1,972 MCFGPD on 14/64" ck with FTP of 1750# on 9-12-82.

On 9-13-82	- Volume was 1,089 MCFGPD on 10/64" ck w/FTP 1850#
On 9-14-82	- Volume was 1,023 MCFGPD on 10/64" ck w/FTP 1800#
On 9-15-82	- Volume was 1,027 MCFGPD on 10/64" ck w/FTP 1725#
On 9-16-82	- Volume was 977 MCFGPD on 10/64" ck w/FTP 1675#
On 9-17-82	- Volume was 958 MCFGPD on 10/64" ck w/FTP 1625#
On 9-18-82	- Volume was 947 MCFGPD on 10/64" ck w/FTP 1550#
On 9-19-82	- Volume was 878 MCFGPD on 10/64" ck w/FTP 1500#
On 9-20-82	- Volume was 851 MCFGPD on 10/64" ck w/FTP 1450#
On 9-21-82	- Volume was 851 MCFGPD on 10/64" ck w/FTP 1450#
On 9-22-82	- Volume was 789 MCFGPD on 10/64" ck w/FTP 1400#
On 9-23-82	- Volume was 789 MCFGPD on 10/64" ck w/FTP 1400#
On 9-24-82	- Volume was 736 MCFGPD on 10/64" ck w/FTP 1400#

Even though this well makes very little water; it appeared to be suffering damage or some kind of negative reaction to the pinch-back with both the volume and FTP declining. Moncrief was afraid it was being permanently damaged like the north offset (#1 Marathon State) had been when it was shut-in.

(2) Operator notified Mr. Jim Minnick of the EPNG Jal office that this well appeared to be suffering some damage due to the pinch-back and requested that it be returned to the original 14/64" choke. Mr. Minnick agreed that the well should be returned to the larger choke. The well cleaned up and suffered no permanent damage as a result of the pinch-back.

Mr. Les Clements of the Artesia office of the Oil Conservation Division was notified of this negative reaction to the pinch-back by letter dated 10-1-82 and granted an exception to the Annual Gas Shut-In Pressure Test (Division Rule 402) by letter dated 10-8-82.

The well has continued to produce from the original perfs and makes very little water. It has been exempt from shut-ins or pinch-backs since 10-15-82.