

**W. A. MONCRIEF, JR.**

OIL PRODUCER

400 METRO BUILDING  
MIDLAND, TEXAS 79701

TELEPHONE 682-1762

April 26, 1984

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
P. O. Box 2088  
Santa Fe, New Mexico 87501

*Case 8214*

Attention: Mr. Joe Ramey

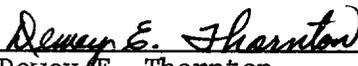
Re: Application for Hardship Classification  
W.A. MONCRIEF, JR., #2 BALDRIDGE FEDERAL  
Unit B, Section 14, T24S, R24E  
Eddy County, New Mexico

Gentlemen:

Attached is an application form and other data supporting our request that the above-referenced well be granted Hardship Classification.

If you need additional data, call me at 915/682-5101 or 682-1762.

Very truly yours,

  
Dewey E. Thornton,  
Exploration Manager

DET:wg  
Attachment

cc: Mr. Les Clements - Oil Conservation Division  
Mr. Randy Patterson - Yates Petroleum Corp.  
Mr. Don Janssen - El Paso Exploration  
Mr. Paul Burchall - El Paso Natural Gas Co.

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

(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" perms 10,403-10,410', Morrow "E" perms 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 perms and makes very little water. It has been exempt from shut-ins or pinch-backs since 10-15-82.

(9) All information submitted with this application is true and correct to the best of my knowledge. One copy of the application has been submitted to the Artesia District office of the Oil Conservation Division, one copy to the transporter/purchaser and one copy to each offset operator.

Dewey E. Thornton  
Dewey E. Thornton

cc: Mr. Les Clements - Oil Conservation Division - Artesia, NM  
Mr. Randy Patterson - Yates Petroleum Corp. - Artesia, NM  
Mr. Don Janssen - El Paso Exploration - Midland, TX  
Mr. Paul Burchall - El Paso Natural Gas Co. - El Paso, TX



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

TONEY ANAYA  
GOVERNOR

May 1, 1984



W.A. Moncrief, Jr.  
400 Metro Bldg.  
Midland, Texas 79701

*Case 8214*

Attention: Dewey E. Thornton

District II EHGWC No. 4

Re: Emergency Hardship Gas Well  
Classification - Baldrige Federal  
No. 2-B, Sec.14, Twn.24S, Rge.24E  
Baldrige Canyon Morrow Gas Pool

Gentlemen:

Under provisions of Rule 411, you are hereby granted an emergency hardship classification on the above captioned well. This well is not to be produced in excess of 2000 mcfd.

In the matter of a permanent hardship classification for this well, it has been set for an examiner hearing on June 6, 1984.

Very truly yours,

Leslie A. Clements  
Supervisor, District II

LAC/mm

cc: Joe D. Ramey  
El Paso Natural Gas Co.  
Harold Garcia  
Florene Davidson

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

Case 8214

Operator W. A. Moncrief, Jr. Contact Party Dewey Thornton  
Address 400 Metro Bldg., Midland, TX 79701 Phone No. 915/682-1762 or 682-5101  
Lease Baldridge Federal Well No. 2 UT B Sec. 14 TWP 24S RGE 24E  
Pool Name Baldridge Canyon Morrow Minimum Rate Requested 2,000 MCFGPD  
Transporter Name EPNG Purchaser (if different) \_\_\_\_\_

Are you seeking emergency "hardship" classification for this well? X yes \_\_\_\_\_ no

Applicant must provide the following information to support his contention that the subject well qualifies as a hardship gas well.

Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)

- 2) Document that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.
  - a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
  - b) Mechanical condition of the well (provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:
    - i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc.

Present historical data which demonstrates conditions that can lead to waste. Such data should include:

- a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
  - b) Frequency of swabbing required after the well is shut-in or curtailed.
  - c) Length of time swabbing is required to return well to production after being shut-in.
  - d) Actual cost figures showing inability to continue operations without special relief
- 4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost
  - 5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by:
    - a) Minimum flow or "log off" test; and/or
    - b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).
  - 6) Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.
  - 7) Submit any other appropriate data which will support the need for a hardship classification.
  - 8) If the well is in a prorated pool, please show its current under- or over-produced status.
  - 9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

1) Definition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

- 2) The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.
- 3) The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.
- 4) If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.
- 5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.
- 6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.
- 7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.
- 8) An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.
- 9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.
- 10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.
- 11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.



Schlumberger

# COMPENSATED NEUTRON FORMATION DENSITY

COUNTY EDDY FIELD BALDRIDGE FED. #2 LOCATION BALDRIDGE CANYON WELL BALDRIDGE CANYON COMPANY W.A. MONCRIEF JR.	COMPANY	W.A. MONCRIEF JR.	
	WELL	BALDRIDGE FEDERAL #2	
	FIELD	BALDRIDGE CANYON	
	COUNTY	EDDY	STATE
	LOGGING	196' FNL & 1427' FEL	
	AP. SER. NO.	SEC	TRANGE
		14	24-S 24-E
	Other Services	DLL	
Permanent Datum	G.L.	Elev.	4252
Log Measured From	K.B.	.15 Ft. Above Perm. Datum	
Drilling Measured From	K.B.		
Date	7-28-81		Elev. K.B. 4252
Run No.	ONE		D.F.
Depth-Driller	10825		G.L. 4242
Depth	10825		

Borehole reference data were furnished by the customer.

