

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 11938  
ORDER NO. R-\_\_\_\_\_

APPLICATION OF CHEVRON U.S.A. PRODUCTION  
COMPANY FOR REINSTATEMENT OF UNDER-  
PRODUCTION FOR ITS BOGEL FLATS UNIT  
COM. WELL NOS. 1 AND 10 GAS PRORATION UNIT,  
INDIAN BASIN-UPPER PENNSYLVANIAN GAS POOL,  
EDDY COUNTY, NEW MEXICO.

**CHEVRON U.S.A. PRODUCTION COMPANY'S  
PROPOSED ORDER OF THE DIVISION**

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**BY THE DIVISION:**

This cause came on for hearing at 8:15 a.m. on March 5, 1998, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this \_\_\_\_ day of March, 1998, the Division Director, having considered the testimony, the record, and the recommendation of the Examiner, and being fully advised in the premises,

**FINDS THAT:**

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Chevron U.S.A. Production Company ("Chevron"), pursuant to the provisions of Rule 14 (a) of the General Rules and Regulations for the Prorated Gas

Pools of New Mexico, as promulgated by Division Order No. R-8170, as amended, seeks the reclassification to non-marginal of a gas production unit ("GPU") in the Indian Basin-Upper Pennsylvanian Gas Pool comprised of all of Section 3, Township 22 South, Range 23 East, NMPM, Eddy County, New Mexico. Chevron also seeks an order pursuant to the provisions of Rules 14 (b) of said rules reinstating canceled underproduction for this GPU from the gas proration period from April 1, 1996 to April 1, 1997.

(3) Chevron is the operator of the standard gas spacing and proration unit in the Indian Basin-Upper Pennsylvanian Gas Pool comprised of all of Section 3, Township 22 South, Range 23 East, NMPM, Eddy County, New Mexico which is dedicated to its Bogel Flats Unit Com. Well Nos. 1 and 10 located in Units G and K respectfully.

(4) This GPU is classified by the Division as a marginal GPU.

(5) Prior to March 1997, this GPU was dedicated to only the Bogel Flats Unit Com. Well No. 1.

(6) Wells producing from the Indian Basin-Upper Pennsylvanian Gas Pool water out because of encroachment from the South, East and West. Operators in this pool under take measures to be able to produce the GPU's in this pool at top allowable rates until they water out. Furthermore, a 1994 Chevron reservoir simulation of this pool predicts the Bogel Flats Unit Com. Well No. 1 will water out in 1998.

(7) In 1997, to enable this GPU to produce at top allowable rates, Chevron drilled its Bogel Flats Unit Com. Well No. 10 in Section 3. This well first produced in March 1997 and since that date, this GPU has been able to produce more gas during the proration period than its shadow allowable for any month.

(8) Rule 14 (a) of Division Order No. R-8170, as amended, requires the reclassification of a GPU from marginal to non-marginal "If, at the end of any classification period, ... [it] has produced more gas during the proration period to that time than its shadow allowable for the same period."

(9) The evidence showed that at the end of the classification period on July 1, 1997, the GPU comprised of said Section 3 had produced more gas during the proration period to that time than its shadow allowable for the same period and should have been

reclassified as a non-marginal GPU pursuant to Rule 14 (a) of Division Order No. R-8170, as amended.

(10) Rule 14 (b) of the General Rules and Regulations for the Prorated Gas Pools of New Mexico provides that "A GPU reclassified to non-marginal under the provisions of Rule 14 (a) shall have reinstated to it all underproduction which accrued or would have accrued as a non-marginal GPU from the current production period." This rule further requires that "All uncompensated for overproduction accruing to the GPU while marginal shall be chargeable upon reclassification to non-marginal." The GPU comprised of said Section 3 should have reinstated to it all underproduction, if any, which accrued or would have accrued as a non-marginal GPU for the proration period commencing on April 1, 1997 and should be charged with any overproduction which has accrued during this proration period.

(11) Rule 14 (b) of Division Order No. R-8170, as amended, also provides that "underproduction from the prior proration period may be reinstated after notice and hearing." In this case, Chevron seeks the reinstatement of the underproduction for this GPU for the prior proration period from April 1, 1996 to April 1, 1997.

(12) The evidence presented shows that the GPU comprised of said Section 3, being a non-marginal unit, underproduced its shadow allowable in the amount of 540,717 MCFG during the gas proration period from April 1, 1996 to April 1, 1997.

(13) During the gas proration period beginning on April 1, 1997, the subject GPU has accrued overproduction and the reinstatement of the accrued underproduction will have the effect of reducing or eliminating the amount of this overproduction.

(14) Chevron requests that the underproduction described in Finding No. 12 be reinstated and credited against the overproduction accrued during the gas proration period beginning April 1, 1997.

(15) Chevron notified all other operators in the Indian Basin-Upper Pennsylvanian Gas Pool of its application in this case, and where there was no operator for a tract, Chevron notified the leasehold owners.

(16) Marathon Oil Company ("Marathon") and Chevron have reviewed this request

for reinstatement of allowable and how underproduction for this GPU has been calculated. Marathon appeared through counsel at the hearing but presented no evidence or testimony.

(17) Chevron also discussed this application with representatives of Texaco Exploration and Production Inc. and Devon Energy Corporation, successor to Kerr-McGee Corporation. No operator appeared at the hearing in opposition to the application.

(18) Rule 10 (a) of Division Order No. R-8170, as amended, provides that "Any non-marginal GPU which has an underproduced status as of the end of a gas proration period shall be allowed to carry such underproduction forward in the next gas proration period and may produce such underproduction in addition to the allowable assigned in the succeeding period."

(19) Reinstatement of the underproduction from the prior proration period to the GPU comprised of said Section 3 would result in this GPU being treated like other non-marginal GPU's in the Indian Basin-Upper Pennsylvanian Gas Pool for it would enable this GPU to also carry forward and produce underproduction from the prior proration period.

(20) Rule 10 (a) also provides that "Any underproduction carried forward into a gas proration period and remaining unproduced at the end of such gas proration period shall be canceled." Accordingly, any of the underproduction reinstated by this order from the proration period from April 1, 1996 to April 1, 1997 which is not produced by April 1, 1998 shall be canceled on that date.

(21) Approval of this application in accordance with Rules 14 (a) and (b) of Division Order No. R-8170, as amended, will not cause waste and will not violate correlative rights.

**IT IS THEREFORE ORDERED THAT:**

(1) The application of Chevron U.S.A. Production Company to reclassify the GPU comprised of Section 3, Township 22 South, Range 23 East, NMPM, Eddy County, New Mexico effective July 1, 1997 and reinstate canceled underproduction in the amount of 540,717 MCFG from the gas proration unit period running from April 1, 1996 to April 1, 1997 for this GPU in the Indian Basin-Upper Pennsylvanian Gas Pool, said Unit being dedicated to the Chevron Bogel Flats Unit Com Wells Nos.1 and 10 located in Units G and

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K respectfully, is hereby approved.

(2) The underproduction as described above shall be credited against overproduction from the subject GPU accrued during the gas proration period from April 1, 1997 through April 1, 1998.

(3) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

LORI WROTENBERY  
Director

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