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CASE No. 2600

Order No. R-2289

(6) That to avoid the drilling of unnecessary wells, to protect correlative rights, and to afford to the owner of each interest in said proration unit the opportunity to recover or receive without unnecessary expense his just and fair share of the gas in the Basin-Dakota Gas Pool, the subject application should be approved by pooling all mineral interests, whatever they may be, within said unit.

(7) That the applicant proposes to dedicate the subject proration unit to its Mary Shepard Well No. 1, located 2100 feet from the south line and 1760 feet from the west line of said Section 10.

(8) That the applicant seeks permission to withhold the proceeds from production attributable to each non-consenting working interest until such time as each interest's share of the costs of said well has been recovered, plus 25 percent thereof as a charge for the risk involved in the drilling of the well.

(9) That \$75.00 per month should be fixed as the cost of operating the subject well and each non-consenting working interest owner should be assessed with his share of such cost, to be paid out of production.

(10) That the applicant should furnish the Commission and each known non-consenting working interest owner in the subject unit an itemized schedule of well costs within 30 days following the date of this order.

(11) That any non-consenting working interest owner should be afforded the opportunity to pay his share of well costs within 30 days from the date the schedule of well costs is furnished him by the applicant in lieu of paying his share of costs out of production.

(12) That any non-consenting working interest owner not electing to pay his share of well costs within 30 days from the date the schedule is furnished him should have his share of the well costs withheld from production plus 25 percent thereof as a reasonable charge for the risk involved in the drilling of the well.

(13) That all proceeds from production from the subject well which are not disbursed for any reason should be placed in escrow in San Juan County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership.

(14) That Southwest Production Company should be designated the operator of the subject well and unit.

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1. The following information was obtained from the records of the
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1. The above information was obtained from the files of the FBI in New York City. It is being furnished to you for your information and use. It is not to be distributed outside your agency without the express approval of the FBI.

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the root cause of the problem. Once the causes of the problem have been identified, the next step is to develop a plan to address the problem. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be needed to implement the plan. Once a plan has been developed, the next step is to implement the plan. This involves taking the actions that have been identified in the plan and monitoring the progress of the plan. Finally, the last step in the process is to evaluate the results of the plan. This involves determining whether the plan has been successful in addressing the problem and identifying any lessons learned from the process.

1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved.

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CASE No. 2600
Order No. R-2289

IT IS THEREFORE ORDERED:

- (1) That all mineral interests, whatever they may be, in the Basin-Dakota Gas Pool in the W/2 of Section 10, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, are hereby pooled to form a 320-acre gas proration unit. Said unit shall be dedicated to the Mary Shepard well No. 1, located 2100 feet from the South line and 1760 feet from the West line of said Section 10.
- (2) That Southwest Production Company is hereby designated the operator of said well and unit.
- (3) That Southwest Production Company is hereby authorized to collect the proceeds from production attributable to each non-consenting working interest until such time as each interest's share of well costs has been recovered, plus 25 percent thereof as a charge for the risk involved in the drilling of the well.
- (4) That \$75.00 per month is fixed as the cost of operating the subject well, and Southwest Production Company is hereby authorized to withhold from production the proportionate share of such cost attributable to each non-consenting working interest.
- (5) That any unsevered mineral interest shall be considered a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest for the purpose of allocating costs and charges under the terms of this order.
- (6) That any well costs or charges which are to be paid out of production shall be withheld only from the working interests' share of production, and no costs or charges shall be withheld from production attributable to royalty interests.
- (7) That the applicant shall furnish the Commission and each known non-consenting working interest owner in the subject unit an itemized schedule of well costs within 30 days following the date of this order.
- (8) That any non-consenting working interest owner shall have the right to pay his share of well costs to Southwest Production Company within 30 days from the date the schedule of well costs is furnished him by Southwest Production Company, in lieu of paying his share of well costs out of production. In the event any such owner elects to pay his share of well costs as provided for in this paragraph, he shall remain liable for operating costs but shall not be liable for risk charges.
- (9) That all proceeds from production from the subject well which are not disbursed for any reason shall be placed in escrow in San Juan County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership. The Commission shall be notified as to the name and address of said escrow agent.

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CASE No. 2600

Order No. R-2289

(10) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$
for $x \in \mathbb{R}$. It is shown that $f(x)$ is an odd function, i.e., $f(-x) = -f(x)$, and that it is strictly increasing on \mathbb{R} . Moreover, it is proved that $f(x)$ is bounded on \mathbb{R} , with $\lim_{x \rightarrow -\infty} f(x) = -\frac{\pi}{2}$ and $\lim_{x \rightarrow \infty} f(x) = \frac{\pi}{2}$.

2. In the second part, we consider the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{t}{1+t^2} dt$$
for $x \in \mathbb{R}$. It is shown that $g(x)$ is an even function, i.e., $g(-x) = g(x)$, and that it is strictly increasing on $[0, \infty)$.

3. Finally, we study the function $h(x)$ defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^4} dt$$
for $x \in \mathbb{R}$. It is shown that $h(x)$ is an even function, i.e., $h(-x) = h(x)$, and that it is strictly increasing on $[0, \infty)$.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2600
Order No. R-2289

APPLICATION OF SOUTHWEST PRODUCTION
COMPANY FOR COMPULSORY POOLING, SAN
JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on July 11, 1962, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 17th day of July, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Southwest Production Company, seeks an order pooling all mineral interests in the Basin-Dakota Gas Pool in the N/2 of Section 10, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico.
- (3) That the applicant has made diligent effort to identify and to locate all owners of interest in the proposed proration unit.
- (4) That the applicant has made fair and reasonable offers to lease with respect to each non-consenting interest owner whose identity and address is known.
- (5) That although the applicant has made fair and reasonable offers and has been diligent in its efforts to form the proposed proration unit, there remain non-consenting interest owners in the subject proration unit who have not agreed to the pooling of their interests.

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