

36

SME

Mining Engineering Handbook

In Two Volumes

Volume 1

ARTHUR B. CUMMINS

Chairman, Editorial Board

IVAN A. GIVEN

Editor

Sponsored by

Seeley W. Mudd Memorial Fund of AIME

Society of Mining Engineers of AIME

U.S. Bureau of Mines, Dept. of the Interior

**Society of Mining Engineers
of**

The American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc.

New York, New York

1973

FUTURE OF MINING

or lesser magnitude depending on the nature of the problems are the availability of funds for pollution control, the time factor involved in the implementation of the additional cost.

Since the demand for minerals because of population but also because of underdeveloped areas, it will increase with the extractive industries. Particular attention is required in environmental control measures.

In the controversy over utilization there is the plausible solution of practice, minerals are extracted in followed by restoration for other use and phosphate mining where the urban use, recreation, timber or grazing

1.8—FUTURE OF MINING

Dependence of man on his mind will be indefinitely. Requirements of technology will place upon the mineral industry to produce more and more. This demand will be met by greater knowledge and a better understanding of the genesis of minerals. Methods of locating the presence of minerals will be improved and technology will make ore out of non-ore. Methods will change in a way that will not cause mental impairments.

The technology of the exploration metallurgist is benefiting the work. For example, great benefits to other elements in environment made by mine of air conditioning.

The mining community at the same time has been in other fields. This cross pollination

Research is going on in government and in industry. A substantial amount

The arts and sciences of the rapidly in this period but assured on earth.

It is not usually possible to extract minerals from the earth without changing the natural environment in some way (see Sec. 8). A mine requires access roads, power and water. An opening in the ground must be made. Usually, in the case of underground mines, the surface disturbance is small compared to open-pit mines. Mine site acreage must be devoted to processing facilities, shops, offices, changehouse and storage facilities. The waste materials from processing operations must be disposed of. These may be solid, liquid or gaseous. In addition, there is the atmosphere in the mine and other facilities that must be controlled to safeguard the workers' health.

Environmental controls have been applied to operations for decades. These include land restoration, water purification, dust suppression and diffusion of noxious gases. The techniques for these controls have been developed over a long period of time and, as the technology improves, the adverse effects of mining on the environment will continue to be reduced. At the present time, environmental legislation being proposed and enacted poses a problem to mine operators of a greater

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

5F.
Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504

FEB - 7 1992

WELL API NO. 30-015-26894

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No. LH-1523

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

CONFIDENTIAL

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P.O. Box 10340, Midland, TX 79702 (915) 682-6822

7. Lease Name or Unit Agreement Name

State 2

8. Well No.

No. 1

9. Pool name or Wildcat

Undesignated Delaware

4. Well Location

Unit Letter P : 330' Feet From The South Line and 330' Feet From The East Line

Section 2 Township 22-S Range 31-E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Drilling into a shallow high pressure zone. ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This Sundry Report is in reference to drilling into a high pressure zone at a depth of 1557'. Blow out preventers were closed immediately to control the abnormal pressure. Shut in pressure reached 500 psig. The pressure was released to the pit area through chokes in 5 1/4 hrs. The well bore was loaded with 250 BBL 10. PPG brine water and drilling operations were resumed.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. _____ Exhibit No. 41
Submitted by _____
Hearing Date _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Richard L. Wright

TITLE Division Operations Supvr. DATE 02-02-92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE