RECEIVED
STATE OF WEST VIRGINIA
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL / GAS X / LIQUID INJECTION / WASTE DISPOSAL
(If "Gas", Production / Underground Storage / Deep / Shallow XX /)

LOCATION: Elevation: 1201 Watershed: Right Hand Fork of East Run
District: Grant County: Doddridge Quadrangle: Smithburg 7-5

COMPANY: ALAMCO, INC
200 West Main Street
Clarksburg, West Virginia 26301

DESIGNATED AGENT: ALAMCO, INC
200 West Main Street
Clarksburg, West Virginia 26301
SURFACE OWNER: Raymond G. Yerkey
5707 Elm Grove St.
Warren, OH 48092

MINERAL RIGHTS OWNER: Raymond G. Yerkey
ADDRESS: Same as above

OIL AND GAS INSPECTOR FOR THIS WORK: Region 7
ADDRESS: 322 - 70th St.
Charleston, WV 25304

PERMIT ISSUED: October 7, 1986
DRILLING COMPLETED: October 19, 1986
DRILLING COMPLETED: October 24, 1986

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERNAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION: Alexander
DEPTH: 5600

Depth of completed well: 5603 feet Rotary / Cable Tools
Water Strata depth: Fresh 204 feet Salt feet
Coal seam depth: 733' - 738' Is coal being mined in this area?

OPEN FLOW DATA
Producing formation: Pocono, Gordon, 5th, Riley, Benagen
Gas: Initial open flow 13 Mcf/d Oil: Initial open flow 2492 Bbl/d
Final open flow 492 Mcf/d Final open flow 2492 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 900 psig (surface measurement after 72 hours shut-in)
(If applicable due to multiple completion--)
Second producing formation:
Gas: Initial open flow 492 Mcf/d Oil: Initial open flow 2492 Bbl/d
Final open flow 492 Mcf/d Final open flow 2492 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut-in

DCK/1215864-15

DEC 23 1986
### FORM IV-35
(Reverse)

**Details of Perforated Intervals, Fracturing or Stimulating, Physical Change Etc.**

Well was fractured: 11-12-86

**Perforations:**
- Pocono - 2204'-2202'
- Gordon - 2788'-2792'
- 5th - 3118'-3122'
- Riley - 5022'-5027'
- Benson - 3109'-3113'

#### Well Log

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(Attach separate sheets as necessary)

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**Well Operator**

By: [Signature]

Richard R. Hoffman, Vice President of Production

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**Note:** Regulation 2.02 (1) provides as follows
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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DCK/1215864-15
STATE OF WEST VIRGINA
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: A Oil / Gas X
   B (If "Gas", Production
 Underground storage / Deep / Shallow X)

5) LOCATION: Elevation: 1201
    County: Doddridge
    District: Grant 3

6) WELL OPERATOR: Alamco, Inc. CODE: 975
    Address: P. O. Box 1740
              Clarksburg, WV 26301

7) DESIGNATED AGENT
    Address: P. O. Box 1740
              Clarksburg, WV 26301

9) DRILLING CONTRACTOR:
    Name: Development Drilling Corporation
    Address: P. O. Box 1740
              Clarksburg, WV 26301

10) PROPOSED WELL WORK:
    Drill / Drill deeper / Redrill / Perforate
    Other physical change in well (specify)

11) GEOLOGICAL TARGET FORMATION,
    Estimated depth of completed well, 5600 feet
    Approximate strata depths: Fresh

12) Approximate coal seam depths: Unknown

15) CASING AND TUBING PROGRAM
    CASING OR TUBING TYPE
    Size  Grade  Weight per ft.  New  Used  For drilling  Left in well
    Conductor
    Fresh water
    Coal 3 5/8"  1.20#  X  800'  800'
    Intermediate 4 1/2"  10.50#  X  5600'  5600'
    Production
    Tubing
    Lin.

    FOOTAGE INTERVALS
    CEMENT Fill-Up
    OR SACKS
    (Cable feet)
    PACKERS
    Cement

OFFICE USE ONLY

DRILLING PERMIT

Permit number: 47-017-3512
Date: October 7, 1986

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
Permit expires October 7, 1988

NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.