



FILE NO. BK 85 P 53  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION USGS Road Forks 3100' N.E. of loc. El 915

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) C. S. Volley Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 92

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JULY 6, 1987  
 OPERATOR'S WELL NO. 1047  
 API WELL NO. \_\_\_\_\_  
47 - 035 - 2139  
 STATE COUNTY PERMIT

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 774.74 WATER SHED GRASS RUN OF PARCHMENT CREEK  
 DISTRICT RIPLEY 3 COUNTY JACKSON  
 QUADRANGLE RIPLEY  
 SURFACE OWNER CARL W PIGNATO ACREAGE. 158  
 OIL & GAS ROYALTY OWNER CARL W. PIGNATO LEASE ACREAGE 240.91  
 LEASE NO. 4884  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Berea Brown Shale ESTIMATED DEPTH 4265'  
 WELL OPERATOR QUINOCO PETROLEUM INC DESIGNATED AGENT BILL W. BACKUS  
 ADDRESS P.O. BOX 1433 ADDRESS P.O. BOX 1433  
CHARLESTON WV 25325 1039 CHARLESTON WV 25325

RECEIVED NOV 03 1987



1) Date: October 1, 1987
2) Operator's Well No. Pignato 1047
3) API Well No. 47 035-2139
State County Permit

STATE OF WEST VIRGINIA

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas X
5) LOCATION: Elevation: 774.74 Watershed: Grass Run of Parchment Creek
6) WELL OPERATOR: Quinoco Petr., Inc. CODE: 40475 7) DESIGNATED AGENT: Bill W. Backus
8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Jerry Tephabock
9) DRILLING CONTRACTOR: Name: To Be Determined
10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X
11) GEOLOGICAL TARGET FORMATION: Berea/Brown Shale
12) Estimated depth of completed well, 4265 feet
13) Approximate trata depths: Fresh, salt, feet.
14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS. Includes handwritten notes like 'by 38CSR18-11.3' and 'OR by 38CSR18-11.1'.

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-035-2139 Date 11/19 19 87

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.

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 11/19/89 unless well work is commenced prior to that date and prosecuted with due diligence.

Table with columns: Bond, Agent, Fee (236), WPCP, SSB, Other. Includes handwritten signatures and numbers.

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

Director, Division of Oil and Gas

File