FILE NO. DO DRAWING NO. 1
SCALE: 1" = 500' MINIMUM DEGREE OF ACCURACY: 1/2000
PROVEN SOURCE OF ELEVATION: RD. 1047'

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) Reel Hughes

R.P.E. LLS. 632

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE APRIL 19 1982 OPERATOR'S WELL NO. BOYD 1
API WELL NO. 47-051-0695 STATE COUNTY PERMIT CANCELLED

WELL TYPE: OIL K. GAS X LIQUID INJECTION X WASTE DISPOSAL (IF "GAS," PRODUCTION X STORAGE DEEP X SHALLOW LOCATION: ELEVATION 1200' WATER SHED MIDDLE GRAVE CREEK

DISTRICT: CAMERON COUNTY: MARSHALL

SURFACE OWNER: HARRY BUNGARD ACREAGE 73

OIL & GAS ROYALTY OWNER H. BUNGARD LEASE ACREAGE 102

LEASE NO. 1871

PROPOSED WORK: DRILL X CONVERT X Drill Deeper REDRILL X Fracture OR STIMULATE X PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

MAP 21 1983

PLUG AND ABANDON X CLEAN OUT AND REPLUG X

TARGET FORMATION X BUSINESS X ESTIMATED DEPTH 5500

WELL OPERATOR: WHITNAM OIL & GAS DESIGNATED AGENT: JOHN W. WILLIAMS

ADDRESS: 100 FRONT ST. ADDRESS: RT. 1 BOX 41

MARIETTA, OH. 45750 LINN, W. VA. 26384
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___

LOCATION ELEVATION 100' WATER SHED ___ MIDDLE GRAVE CREEK ___

DISTRICT ___ CAMERON COUNTY ___ MARSHALL ___

SURFACE OWNER HARRY BUNGARD ACREAGE 73 ___

OIL & GAS ROYALTY OWNER H BUNGARD LEASE ACREAGE 102 ___

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION MARMARELIS ___ ESTIMATED DEPTH 5500 ___

WELL OPERATOR WHITNAM OIL & GAS ___ DESIGNED AGENT JOHN E. WILLIAMS ___

ADDRESS RT 1 BOX 41 MARIETTA, OH 45750 ___ ADDRESS RT 1 BOX 41 LINN, W.VA. 26328 ___

FILE NO. ___ DRAWING NO. 1 ___ SCALE (\* 500) ___ MINIMUM DEGREE OF ACCURACY 1/2000 PROVEN SOURCE OF ELEVATION RD. 1047 ___

PLACE SEAL HERE

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) ___ RPE L.L.S. 432 ___

DATE APRIL 1982 ___ OPERATOR'S WELL NO. BUNGARD 1 ___ API WELL NO. 47-051 0695 ___ STATE COUNTY PERMIT ___

STEPSHENS BLUEPRINT ___ 4/16/82 ___
OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1200' Watershed: Middle Grave Creek
District: Cameron County: Marshall Quadrangle: Cameron 7.5'

WELL OPERATOR WHITNAM OIL & GAS CORPORATION
Address P. O. Box 719
Marietta, OH 45750

OIL AND GAS ROYALTY OWNER Harry Bungard
Address Route #1
Glen Easton, W.Va. 26039
Acreage 102.00

SURFACE OWNER Harry Bungard
Address Route #1
Glen Easton, W.Va. 26039
Acreage 73.00

FIELD SALE (IF MADE) TO:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert A. Lowther
Address General Delivery
Middlebourne, W.Va. 26149
Telephone (304) 758-4573

DESIGNATED AGENT JOHN E. WILLIAMS
Address Route 1, Box 41
Linn, W. Va. 26384

COAL OPERATOR
Address N/A

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 10/1, 1981, to the undersigned well operator from Carl E. Smith Petroleum, Inc. (If said deed, lease, or other contract has been recorded)

Recorded on November 24, 1981, in the office of the Clerk of County Commission of Marshall County, West Virginia, in Book page 52. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate X / Plug off old formation / Perforate new formation / Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 324-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092
PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN)   PAN EASTERN DRILLING

Address   123 Greene Street

Marietta, OH  45750

GEOLOGICAL TARGET FORMATION   Marcellus

Estimated depth of completed well   5500'   feet.  Rotary x / Cable tools /
Approximate water strata depths: Fresh, 100   feet; salt,      feet.
Approximate coal seam depths:
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

<table>
<thead>
<tr>
<th>CASING OR TUBING TYPE</th>
<th>SPECIFICATIONS</th>
<th>FOOTAGE INTERVALS</th>
<th>CEMENT FILL-UP OR SACKS</th>
<th>PACKERS</th>
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<td>Weight x</td>
<td>Size x</td>
<td>Well x</td>
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<td>15 x</td>
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<tr>
<td>Fresh water 8-5/8</td>
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<td>Cement to Surface</td>
<td>Sizes</td>
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<td>Auto</td>
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<tr>
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<td>Production 5'</td>
<td>16.3 x</td>
<td>5500'</td>
<td>500 x or Depths set</td>
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<td>Tubing</td>
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NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof, the other security allowed by Code 822-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code 822-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 822-4-12a, and (v) if applicable, the consent required by Code 822-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR ________________________, THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY ________________________

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 19

By: ________________________