STATE OF WEST VIRGINA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /

(if "Gas", production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 1320'
Watershed: Wolf Run
District: Webster
County: Marshall
Quadrangle: Majorsville 7.5' North

WELL OPERATOR
Whiteham Oil & Gas Corporation
Address: P.O. Box 719
Marietta, Ohio 45750

OIL AND GAS ROYALTY OWNER
H. A. Carmichael
Address: 82 North Ave.
Cameron, W. Va. 26033
Acreage: 111

SURFACE OWNER
H. A. Carmichael
Address: 82 North Ave.
Cameron, W. Va. 26033
Acreage: 111

FIELD SALE (IF MADE TO):
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME
Robert A. Lohcher
General Delivery
Middlebourne, W. Va. 26149
Address:

Telephone:

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

COAL OPERATOR
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 X / dated Oct. 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 Nov. 24, 1981, in the office of the Clerk of County Commission of
Marshall County, West Virginia, in Book page 52. A permit is

PROPOSED WORK:

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

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

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 322-4-3 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, W. Va. 25311
Telephone: 304/348-3092

By: [Signature]

Its: Robert S. Coates, Vice President, Operations
**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

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**GEOLOGICAL TARGET FORMATION:**

- Estimated depth of completed well: 5500 feet. Rotary X / Cable tools /
- Approximate water strata depths: Fresh, 110 feet; salt, feet.
- Approximate coal seam depths: 
- Is coal being mined in this area: Yes / No X /

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**ASSEMBLING AND TUBING PROGRAM:***

**ASSEMBLING OR SPECIFICATIONS**

<table>
<thead>
<tr>
<th>TUBING TYPE</th>
<th>WEIGHT</th>
<th>FOOTAGE INTERVALS</th>
<th>CEMENT FILL</th>
<th>PACKERS</th>
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<tbody>
<tr>
<td>SIZE</td>
<td>GRADE</td>
<td>PER FT</td>
<td>NEW</td>
<td>USED</td>
</tr>
<tr>
<td>Conductor</td>
<td>11 3/4</td>
<td>X</td>
<td>30'</td>
<td>15 sacks</td>
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<tr>
<td>Fresh water</td>
<td>8 5/8</td>
<td>X</td>
<td>1200'</td>
<td>To surface</td>
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<td>Coal</td>
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<tr>
<td>Intermed.</td>
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<tr>
<td>Production</td>
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<td>X</td>
<td>5500'</td>
<td>500 ft or as depths set</td>
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<td>Tubing</td>
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<tr>
<td>Liners</td>
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</tbody>
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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 83, (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.

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**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-16-82.

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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 822-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

**WAIVER**

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:**

**By:**