FILE NO. DRAWING NO. 2
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION RD. INTER. 1021'

DATE DEC. 13 1991
OPERATOR'S WELL NO. R. DUNN 2
API WELL NO. 47-051-0685
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS X LIQUID INJECTION X WASTE DISPOSAL
(IF "GAS," PRODUCTION X STORAGE X DEEP SHALLOW)
LOCATION: ELEVATION 1230' WATER SHED WILLIAMS RUN
DISTRICT COUNTY WEBSTER MARSHALL
QUADRANGLE CAMBRIDGE 7.5' CAMERON 15' PL
SURFACE OWNER: RAYMOND DUNN ACREAGE: 107.39
OIL & GAS ROYALTY OWNER: R. DUNN LEASE ACREAGE: 107

LEASE NO. 1835
PROPOSED WORK: DRILL X CONVERT X DRILL DEEPER X REDRILL X FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON X CLEAN OUT AND REPLUG

TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500
WELL OPERATOR WHITHAM OIL + GAS DESIGNATED AGENT JONAL P. WILLIAMS
ADDRESS 100 FRONT ST. ADDRESS 1004 BOX 41
MARIEETTA, OHIO 45750 LINCOLN WEST VIRGINIA 26384

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) R. DUNN
R.P.E. L.L.S. 632

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Ap. No. 47-051 0685
State: West Virginia
County: Marshall
District: Webster
Watershed: Williams Run

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

Elevation: 1230

APPLICANT: R. Dunn #2

OPERATOR: WHITNAM OIL & GAS CORPORATION
Address: Route 1, Box 41
Linn, W. Va. 26384

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

GAS OWNER: Raymond L. Dunn
Address: R. D. #4, Box 55
Cameron, W. Va. 26033

Acreage: 107

LEASE OWNER: Raymond L. Dunn
Address: R. D. #4, Box 55
Cameron, W. Va. 26033

Acreage: 107

SALER (IF MADE TO):

GAS INSPECTOR TO BE NOTIFIED:

Phillip L. Tracy

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., deed, lease or other contract has been recorded:

On Dec. 3, 1981, in the office of the Clerk of the County Commission of Marshall, West Virginia, in Oil & Gas Book 495, at page 52. A permit is requested as follows:

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 HEREOF.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any action they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by Department. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by the Department of Mines at Charleston, West Virginia.

RECEIVED

OIL AND GAS DIVISION
DEPARTMENT OF MINES

OIL AND GAS INSPECTOR TO BE NOTIFIED:

膦ipollum L. Tracy

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PROPOSED WORK ORDER

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

RECORDING CONTRACTOR (IF KNOWN)        PAN EASTERN DRILLING

Address: Route 2, Box 44AA
Lowell, Ohio 45744

\[...\]

ROTORIC TARGET FORMATION: Alexander

- Estimated depth of completion, 5500 feet
- Rotary: /
- Cable tools: 
- Approximate water depth: Fresh, 200 feet; salt, feet.
- Approximate coal seam depth: Is coal being mined in the area? Yes / No X

\[...\]

TEST AND TUNING PROGRAM

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SPECIFICATIONS</th>
<th>FOOTAGE INTERVALS</th>
<th>CEMENT FILL-UP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SACKS (Cubic feet)</td>
</tr>
<tr>
<td>Electro</td>
<td>11 3/4 X</td>
<td>30'</td>
<td>15 s.v. Kinds</td>
</tr>
</tbody>
</table>
| Water   | 8 5/8 X        | 1200'             | To surface.
|          |                |                   | Sites          |
| Section | 5 1/2          | 5500'             | Required by Rule 15.01 |
|         | 15 5/8 X       |                   | Depths set.   |
|         |                |                   | Perforations: |
|         |                |                   | Top Bottom    |

\[...\]

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 (f) a plot of the form prescribed by Regulation 11, (fc) a bond in one of the forms prescribed by Regulation 11, or in lieu thereof the other security allowed by Code § 21-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 21-4-11b and Regulation 11, (i) unless previously paid on the same well, the fee required by Code § 21-4-11b, and (5) if applicable, the consent required by Code § 21-4-8a. 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 on such the Form IV-3 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All permits being in effect as of July 22, of the W. Va. Code, the operator is hereby approved for drilling . This permit shall expire if operations have not commenced by 8-21-82

[Signature]
Deputy Director - Oil & Gas Division

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 § 21-4-16, if the permit is to be issued within fifteen (15) days of receipt thereof.

\[...\]

W A Y 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 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.

[Signature]
By

[Signature]