

# BOOTHE LEASE

## WELL NO. JK-1236

N 43-00E  
1366.20'

N 74-50E  
960.30'

N 24-4C E  
762.30'

N 79-4C E  
676.50'

N 20-42 E  
1139.25'

JK-1236

S 0-01 E  
628.54'

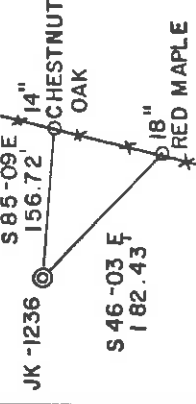
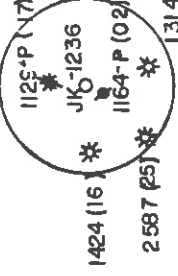
S 13-22 W  
1741.42'

N 86-00 W  
2607.00'

24" CHESTNUT OAK

REFERENCES

### 57 ACRES ±



**SLS** SMITH LAND SURVEYING

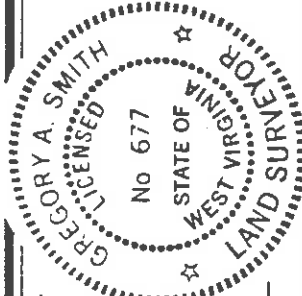
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE AUGUST 16, 1985  
OPERATORS WELL NO. JK-1236  
API WELL NO. \_\_\_\_\_

STATE 47 - COUNTY 017 - PERMIT 3472  
*CANCELLED*

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.

L.L.S. *Gregory A. Smith*  
677



MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV.= 1175'  
FILE NO. 18-42  
SCALE 1"=400'

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



WELL TYPE: OIL  GAS  LIQUID WASTE DISPOSAL  "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1131' WATERSHED BOTSON RUN

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE PENNSBORO 7.5'  
SURFACE OWNER FREDRICK D. BOOTHE ACREAGE 57

OIL & GAS ROYALTY OWNER FREDRICK D. BOOTHE et.al. LEASE ACREAGE 57

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF

OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG   
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION RHINE STREET

ESTIMATED DEPTH 5995'  
PERMIT 3472

WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF  
ADDRESS P.O. BOX 48, BUCKHANNON, WV 26201

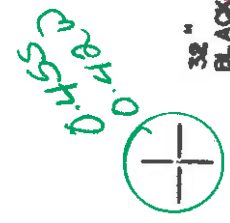
COUNTY NAME

PERMIT

# BOOTHE LEASE

## WELL NO.

## JK-1236



N 79-40 E  
76.50

N 43-00 E  
1306.20

N 20-42 E  
1139.25

JK-1236

S 0-01 E  
628.54

24" CHESTNUT OAK

N 86-00 W  
2607.00

N 74-50 E  
960.30

N 28-40 E  
702.30

333  
2.65  
2.50



1125-P (17)

JK-1236

1164-P (09)

1424 (16)

2587 (25)

131.4 (16)

### 57 ACRES ±



SMITH LAND SURVEYING

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE AUGUST 16, 1985

OPERATORS WELL NO. JK-1236

API WELL NO. \_\_\_\_\_

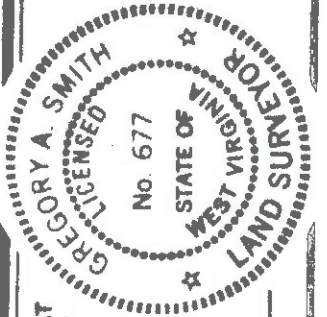
STATE 47 - COUNTY 017 - PERMIT 3472

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L.L.S. Gregory A. Smith  
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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



WELL TYPE: OIL  LIQUID WASTE DISPOSAL  GAS  INJECTION  WATERSHED  PRODUCTION  STORAGE  DEEP  SHALLOW

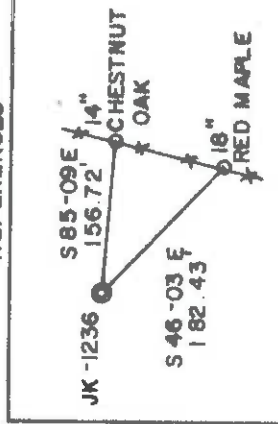
LOCATION: ELEVATION 1131' DISTRICT CENTRAL COUNTY DODDRIDGE POTSON RUN

SURFACE OWNER FREDRICK D. BOOTHE QUADRANGLE PENNSBORO 7.5 ACREAGE 57  
OIL & GAS ROYALTY OWNER FREDRICK D. BOOTHE et al. LEASE ACREAGE 57

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OF 1985

OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION RHINE STREET ESTIMATED DEPTH 5995'

WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF  
ADDRESS PO BOX 48, BUCKHANNON, WV 26201



REFERENCES

COUNTY NAME

PERMIT



1) Date: September 10, 1985  
 2) Operator's Well No. JK-1236  
 3) API Well No. 47-017-3472  
 State County Permit

**RECEIVED**  
 SEP 10 1985

STATE OF WEST VIRGINIA  
 DIVISION OF OIL AND GAS  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: A Oil  Gas   
 B (If "Gas", Production  Underground storage  Deep  Shallow   
 5) LOCATION: Elevation: 1131', Watershed: Dotson Run  
 District: Central  
 6) WELL OPERATOR: J & J Enterprises CODE: 24150 7) DESIGNATED AGENT: Pennsboro 7.5'  
 Address: P.O. Box 48, Richard Reddecliff  
 P.O. Box 48  
 Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: S.W. Jack Drilling Co.  
 Address: P.O. Box 48  
 Buckhannon, WV 26201

9) DRILLING CONTRACTOR:  
 Name: S.W. Jack Drilling Co.  
 Address: P.O. Box 48  
 Buckhannon, WV 26201  
 10) PROPOSED WELL WORK: Drill  deeper  Redrill  Stimulate   
 Plug off old formation  Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION, Rhine Street  
 12) Estimated depth of completed well, 5995' feet  
 13) Approximate trata depths: Fresh, 125' feet; salt, N/A  
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes  No

15) CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |                | FOOTAGE INTERVALS                           | CEMENT FILL-UP OR SACKS (Cable feet) | PACKERS |
|-----------------------|----------------|-------|----------------|---|--------------------------------------|---------|
|                       | Size           | Grade | Weight per ft. |   |                                      |         |
| Conductor             | 1 3/4          | H-40  | 42             | For drilling: 28-175<br>Left in well: 1131' | 0 SACKS                              | NEAT    |
| Fresh water           | 8 5/8          | ERW   | 23             | 1131'                                       | To Surface                           |         |
| Coal                  | 8 5/8          | ERW   | 23             | 1131'                                       | To Surface                           |         |
| Intermediate          |                |       |                |   |                                      |         |
| Production            | 4 1/2          | J-55  | 10.5           | 5995'                                       | 300 Sacks                            |         |
| Tubing                |                |       |                |   | or as required by rule 15-01         |         |
| Lin...                |                |       |                |   |                                      |         |

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3472 Date October 2, 1985

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 2, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

|       |             |               |            |      |     |       |
|-------|-------------|---------------|------------|------|-----|-------|
| Bonds | Agent: A.P. | Plat: MW 2074 | Casing Fee | WPCR | S&E | Other |
|-------|-------------|---------------|------------|------|-----|-------|

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.