

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION Jct. Rd. FKS S.L.S. 1/6 AND S.L.S. II - ELEVATION 922'

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) Samuel S. Shultz  
 R.P.E. \_\_\_\_\_ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (9-78)

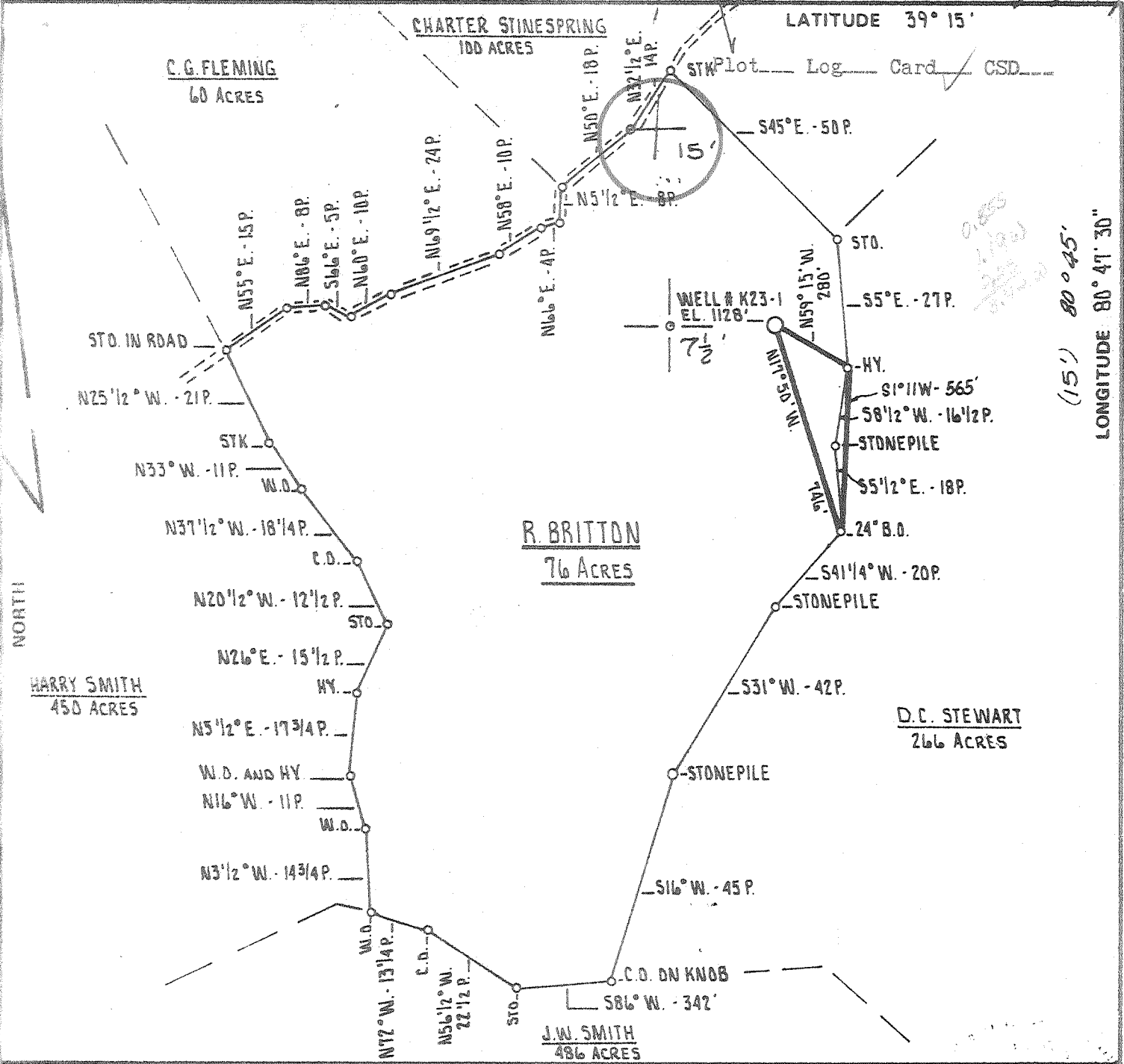
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE SEPTEMBER 28<sup>th</sup> 19 79  
 OPERATOR'S WELL NO. K23-1  
 API WELL NO. 47-017-2767  
 STATE 017 COUNTY PERMIT  
**FORMERLY 017-2501**

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1128' WATERSHED RIGHT FORK TO ARNOLD CREEK  
 DISTRICT WEST UNION COUNTY DODDRIDGE  
 QUADRANGLE OXFORD 15, HOLBROOK 15 NE  
 SURFACE OWNER CARLSON LEGGETT ACREAGE 59.9 Ac.  
 OIL & GAS ROYALTY OWNER RITCHIE BRITTON LEASE ACREAGE 7 1/2 Ac.  
 LEASE NO. 23

PROPOSED WORK: DRILL  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 ALEXANDER ESTIMATED DEPTH 4750'  
 WELL OPERATOR J. J. ENTERPRISES INC. DESIGNATED AGENT WARRY L. BARNETT  
 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201

6-6 Straight Fork - Bluestone Creek (133) JUL 28 1980



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION JCT. RD. FKS. S.L.S. 116 AND S.L.S. 11 -- ELEVATION 922'

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) *Samuel L. Wheeler*  
 R.P.E. \_\_\_\_\_ L.L.S. 530

PLACE SEAL HERE

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



DATE SEPTEMBER 28<sup>th</sup>, 19 79  
 OPERATOR'S WELL NO. K23-1  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2501  
 STATE COUNTY PERMIT  
now 017-2767

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1128' WATER SHED RIGHT FORK TO ARNOLD CREEK  
 DISTRICT WEST UNION COUNTY BOYD  
 QUADRANGLE OXFORD 7.5', HOLBROOK 15'  
 LEASE OWNER CARLSON LEGGETT ACREAGE 59.9 Ac.  
 OIL & GAS ROYALTY OWNER RITCHIE BRITTON LEASE ACREAGE 76 Ac.  
 LEASE NO. 23  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL X 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 ALEXANDER ESTIMATED DEPTH 4750'  
 WELL OPERATOR J. & J. ENTERPRISES, INC. DESIGNATED AGENT HARRY L. BARNETT OCT 25 1979  
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48  
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

**RECEIVED**

JUL 29 1980

Date: July 28, 1980

Operator's name: J-97

API Well No.: 017 - 2767  
State County: West Virginia

**OIL & GAS DIVISION  
DEPT. OF MINES**

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

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACURING AND REWORKING, OR PHYSICAL CHANGE

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow   
LOCATION: Elevation: 1128 / Water shed: Right Fork of Arnolds Creek  
District: West Union / County: Doddridge / Quadrangle: Oxford 7 1/2

WELL OPERATOR: J & J Enterprises, Inc. / DESIGNATED AGENT: H.L. Barnett  
Address: Box 48 / Address: Box 48  
Buckhannon, WV 26201 / Buckhannon, WV 26201

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON 10-9, 1979, OIL & GAS INSPECTOR FOR THIS WORK:  
Name: Paul Garrett  
Address: 321 Beech St.  
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander / Depth 5170-5230 feet  
Depth of completed well, 5419 feet / Rotary  / Cable Tools   
Water strata depth: Fresh, 1435 feet; salt, None feet.  
Coal seam depths: None / Is coal being mined in the area? No  
Work was commenced 6-23, 1980, and completed 6-29, 1980

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               |     | FOOTAGE INTERVALS |          | CEMENT FILL-UP OR SACKS (Cubic Feet) | SPEICERS      |
|-----------------------|----------------|-------|---------------|-----|-------------------|----------|--------------------------------------|---------------|
|                       | Size           | Grade | Weight per ft | New | Used For          | drilling |                                      |               |
| Conductor             | 1 1/4H-40      | 42    | X             |     |                   |          |                                      | Kinds         |
| Fresh water           | 85/8           | ERW   | 23            | X   |                   | 1212     | 1212                                 | 310 sks       |
| Coal                  | 85/8           | ERW   | 23            | X   |                   | 1212     | 1212                                 | 310 sks       |
| Intermediate          |                |       |               |     |                   |          |                                      |               |
| Production            | 4 1/2J-55      | 10.5  | X             |     |                   | 5284     | 5284                                 | 500 sks       |
| Tubing                |                |       |               |     |                   |          |                                      |               |
| Liners                |                |       |               |     |                   |          |                                      | Perforations: |
|                       |                |       |               |     |                   |          |                                      | Top Bottom    |
|                       |                |       |               |     |                   |          |                                      | 5106 5108     |
|                       |                |       |               |     |                   |          |                                      | 5138 5169     |

OPEN FLOW DATA

Producing formation: Alexander / Pay zone depth: 5170-5230 feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d / Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 2,144 Mcf/d / Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, 4 hours  
Static rock pressure, 1850 psia (surface measurement) after 96 hours shut in.

[If applicable due to multiple completions--]  
Second producing formation \_\_\_\_\_ / Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d / Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, \_\_\_\_\_ Mcf/d / Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, \_\_\_\_\_ psia (surface measurement) after \_\_\_\_\_ hours shut in.

STATUS OF PERFORATED INTERVALS, FRACTURING OF STRATIFED PHYSICAL PROPERTIES, ETC.

Alexander: Perforations: 5106-5169 (15 Holes)  
Fracturing: 30,000 lbs. 80/100 sand: 60,000 lbs. 20/40 sand:  
700 Bbls. fluid

WELL LOG

| FORMATION        | Color | Hard or Soft | Top Feet | Bottom Feet | REMARKS<br>Including indication of gas, oil and salt water, etc. |
|------------------|-------|--------------|----------|-------------|--|
| Clay             |       |              | 0        | 10          |  |
| Shale            |       |              | 10       | 60          | Wet @ 60' 1" stream  |
| Shale & Red Rock |       |              | 60       | 120         |  |
| Shale            |       |              | 120      | 160         |  |
| Red Rock         |       |              | 160      | 175         |  |
| Shale            |       |              | 175      | 235         |  |
| White Sand       |       |              | 235      | 255         |  |
| Shale            |       |              | 255      | 345         |  |
| Red Rock         |       |              | 345      | 360         |  |
| Shale & Red Rock |       |              | 360      | 420         | 1 1/2" stream @ 420'   |
| Sand & Shale     |       |              | 420      | 485         |  |
| Red rock         |       |              | 485      | 500         |  |
| Shale            |       |              | 500      | 820         |  |
| Sand             |       |              | 820      | 840         |  |
| Red Rock & Shale |       |              | 840      | 965         |  |
| Shale            |       |              | 1090     | 1150        |  |
| Sand             |       |              | 1150     | 1390        |  |
| Sand             |       |              | 1390     | 1445        | 1" stream @ 1435'  |
| Black Shale      |       |              | 1445     | 1452        |  |
| Shale            |       |              | 1452     | 1670        |  |
| Sand             |       |              | 1670     | 1730        |  |
| Sand & Shale     |       |              | 1730     | 1825        |  |
| Brown Sand       |       |              | 1825     | 1890        |  |
| Big Lime         |       |              | 1890     | 1980        |  |
| Sand             |       |              | 1980     | 2010        |  |
| Shale            |       |              | 2010     | 3225        |  |
| Sand             |       |              | 3225     | 3290        |  |
| Shale            |       |              | 3290     | 3500        |  |
| Sand & Shale     |       |              | 3500     | 4070        |  |
| Sand & Shale     |       |              | 4070     | 4905        |  |
| Brown Sand       |       |              | 4905     | 4910        |  |
| Shale            |       |              | 4910     | 5106        |  |

(Attach separate sheets to complete as necessary)

5106 5230  
5230 5419 T.D. 5419  
J & J Enterprises, Inc.  
Well Operator

By Peter Battles  
Geologist

NOTE: Regulation 2,001(d) provides as follows:  
"The term 'log' in 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Date: October 5, 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's  
Well No. K-23-#1

API Well No. 47 - 017 - 2501  
State County Permit  
now 017-2767

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

LOCATION: Elevation: 1128' Watershed: Right Fork of Arnolds Creek  
District: West Union County: Doddridge Quadrangle: Oxford 7 1/2

WELL OPERATOR J & J Enterprises, Inc.  
Address P. O. Box 48  
Buckhannon, W. Va. 26201

DESIGNATED AGENT H. L. Barnett  
Address P. O. Box 48  
Buckhannon, W. Va. 26201

OIL & GAS  
ROYALTY OWNER Ritchie Britton  
Address Arnolds Creek  
West Union, W. Va.

COAL OPERATOR None  
Address \_\_\_\_\_

Acreage 59.9  
SURFACE OWNER Carlson Leggett  
Address Arnolds Creek  
West Union, W. Va.  
Acreage 59.9

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_  
**RECEIVED**  
**OCT - 9 1979**

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address 321 Beech Street  
Clarksburg, W. Va. 26301

**OIL & GAS DIVISION  
DEPT. OF MINES**

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated July 8, 1978, to the undersigned well operator from Ritchie Britton

[If said deed, lease, or other contract has been recorded;]  
Recorded on August 3, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas Lease Book 104 at page 343. A permit is requested as follows:

PROPOSED WORK: Drill  / 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 objection 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 the Department.

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 lessee on or before the day of the mailing or delivery of this Permit 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  
1614 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J ENTERPRISES, INC.  
Well Operator  
By Peter Battles  
PETER BATTLES  
Geologist

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Company  
Address P. O. Box 48  
Buckhannon, W.Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5500 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 75 feet; salt, none feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes      / No X /

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               |     |      | FOOTAGE INTERVALS             |                               | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS       |
|-----------------------|----------------|-------|---------------|-----|------|-------------------------------|-------------------------------|--------------------------------------|---------------|
|                       | Size           | Grade | Weight per ft | New | Used | For drilling                  | Left in well                  |                                      |               |
| Conductor             | 11 3/4         | H-40  | 42            | X   |      | 30                            | 30                            |                                      | Kinds         |
| Fresh water           | 8 5/8          | ERW   | 23            | X   |      | <del>120</del> <sup>250</sup> | <del>120</del> <sup>250</sup> | 120 sks                              | CTS           |
| Coal                  | 8 5/8          | ERW   | 23            | X   |      |                               |                               |                                      | Sizes         |
| Intermediate          |                |       |               |     |      |                               |                               |                                      |               |
| Production            | 4 1/2          | J-55  | 10.5          | X   |      | 5450                          | 5450                          | 300 sks                              | Depths set    |
| Tubing                |                |       |               |     |      |                               |                               |                                      |               |
| Liners                |                |       |               |     |      |                               |                               |                                      | Perforations: |
|                       |                |       |               |     |      |                               |                               |                                      | Top Bottom    |

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 § 22-4-2; (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a 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 this permit must be posted at the well site in connection therewith.

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 6-10-80

*[Signature]*  
Deputy Director - Oil & Gas Division

The following waiver must be submitted 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       
Its

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. K-23-1 :J-97

API Well No. 47-017-2767  
State County Perm

WELL TYPE: Oil      / Gas X /  
(If "Gas", Production X / Underground storage      / Deep      / Shallow X)  
LOCATION: Elevation: 1128 Watershed: Right Fork of Arnolds Creek  
District: West Union County: Doddridge Quadrangle: Oxford 7.5

WELL OPERATOR J&J Enterprises  
Address P.O. Box 48  
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett  
Address P.O. Box 48  
Buckhannon WV 26201

OIL & GAS ROYALTY OWNER: Ritchie Britton  
Address Arnolds Creek  
West Union WV  
Acreage 59.9

COAL OPERATOR None  
Address:     

SURFACE OWNER Carlson Leggett  
Address Arnolds Creek  
West Union wv  
Acreage 59.9

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address     

FIELD SALE (IF MADE) TO:  
Name       
Address     

Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address 321 Beech Street  
Clarksburg WV 26301

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address     

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed      / lease X / other contract      / dated July 8, 1978, to the undersigned well operator from Ritchie Britton  
[If said deed, lease, or other contract has been recorded:]

Recorded on August 3, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, Oil & Gas Lease Book 104 at page 343. A permit was issued 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 application they wish to make or are required to make by Code § 22-2-1 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and declaration page have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
105 WASHINGTON STREET EAST  
CHARLESTON, WV 25301

TELEPHONE: (304) 546-1399

RECEIVED

JUN 25 1980

OIL & GAS DIVISION  
DEPT. OF MINES

BLANKET BOND

J&J Enterprises, Inc  
Well Operator

Peter Battles  
PETER BATTLES

GEOLOGIST

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling  
Address P. O. Box 48  
Buckhannon WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5500 feet. Rotary X / Cable tools      /  
Approximate water strata depths: Fresh, 75 feet; salt, none feet.  
Approximate coal seam depths: None Is coal being mined in the area? Yes      / No X

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               |     | FOOTAGE INTERVALS |              | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS |               |
|-----------------------|----------------|-------|---------------|-----|-------------------|--------------|--------------------------------------|---------|---------------|
|                       | Size           | Grade | Weight per ft | New | Used              | For drilling |                                      |         | Left in well  |
| Conductor             | 1 13/4         | H-40  | 42            | X   |                   | 30           | 0                                    | 0sks    | Kinds         |
| Fresh water           | 8 5/8          | ERW   | 23            | X   |                   | 250          | 250                                  | 120 sks |               |
| Coal                  | 8 5/8          | ERW   | 23            | X   |                   | 250          | 250                                  | 120 sks | Sizes         |
| Intermediate          |                |       |               |     |                   |              |                                      |         |               |
| Production            | 4 1/2          | J-55  | 10.5          | X   |                   | 5450         | 5450                                 | 300 sks | Depths set    |
| Tubing                |                |       |               |     |                   |              |                                      |         |               |
| Liners                |                |       |               |     |                   |              |                                      |         | Perforations: |
|                       |                |       |               |     |                   |              |                                      |         | Top Bottom    |

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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling 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, of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 2-24-81

*[Signature]*  
Deputy Director - Oil & Gas Division

...by the local operator who has recorded a declaration under Code § 22-4-2, if the permit is to be issued within fifteen (15) days of receipt thereof.

W A I T 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 complies with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_