

FILE COPY
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SEP 18 1985



1) Date: 12 September, 1985
 2) Operator's Well No. BBJ-3
 3) API Well No. 47 033 -3255
 State County Permit

STATE OF WEST VIRGINIA
 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: 1120' Watershed: Simpson Creek
 District: Simpson County: Harrison Quadrangle: Clarksburg 297
- 6) WELL OPERATOR Glenn H. Johnson CODE: 24975 7) DESIGNATED AGENT Barbara Bird
 Address DBA Johnson Energy Co. Address PO Box 298
PO Box 298, Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED STEVE CASEY 9) DRILLING CONTRACTOR:
 Name Donald Ellis Name SW Jack Drilling Co.
 Address 2604 Crab Apple Lane Address PO Box 48
Fairmont, WV 26554 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson
 12) Estimated depth of completed well, 4500' feet
 13) Approximate trata depths: Fresh, 35' feet; salt, 0 feet.
 14) Approximate coal seam depths: 300 to 800 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 (Cubic feet) | PACKERS |
|-----------------------|----------------|-------|----------------|-----|------|-------------------|--------------|--------------------------------------|-----------------------|
| | Size | Grade | Weight per ft. | New | Used | For drilling | Left in well | | |
| Conductor | 113/4 | H-40 | 42 | X | | 30 | 0 | 0 sks | Kinds |
| Fresh water | 8 5/8 | ERW | 23 | X | | 1150 | 1150 | To surface | AS req. by |
| Coal | 8 5/8 | ERW | 23 | X | | 1150 | 1150 | To surface | Sizes Rule 15.05 |
| Intermediate | | | | | | | | | |
| Production | 4.5 | J-55 | 10.5 | X | | 4450 | 4450 | 300 sks | Depths set As req. by |
| Tubing | | | | | | | | | Rule 15.01 |
| Lin... | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3255 Date September 18 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 September 18, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | | | | |
|-------|-------------------|------------------|--------|----------------|--|---|-------|
| Bond: | Agent: <u>ALB</u> | Plat: <u>MMH</u> | Casing | Fee <u>416</u> | WPCP <input checked="" type="checkbox"/> | S&E <input checked="" type="checkbox"/> | Other |
|-------|-------------------|------------------|--------|----------------|--|---|-------|

Margaret J. Hesse
 Director, Division of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

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PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1. LOCATION: Simpson, Harrison, Clarkspurg 277
 2. WELL OPERATOR: Glenn H. Johnson Energy Co., PO Box 298, Buckhannon, WV 26201
 3. ADDRESS: PO Box 298, Buckhannon, WV 26201
 4. NAME: Donald M. [unclear]
 5. ADDRESS: 2601 [unclear] Lane, Fairmont, WV 26524
 6. OIL & GAS FIELD TO BE DRILLED: [unclear]
 7. PROPOSED WELL WORK: [unclear]
 8. OTHER PHYSICAL DATA: [unclear]
 9. GEOLOGICAL TARGET ZONATION: [unclear]
 10. PROPOSED WELL DEPTH: 300 to 800
 11. PROPOSED WELL TYPE: [unclear]

| Well No. | Depth | Surface | Remarks |
|--------------|-------|------------|---------|
| 8-2/8-ERW-23 | 1150 | To surface | |
| 8-2/8-ERW-23 | 1150 | To surface | |
| 8-2/8-ERW-23 | 1150 | To surface | |

OFFICE USE ONLY

This part of Form WW-2(B) is to record the dates of certain occurrences and any follow-up inspections.

| Date | Date(s) |
|------------------------------------|-------------------------|
| Application received | Follow-up inspection(s) |
| Well work started | " |
| Completion of the drilling process | " |
| Well Record received | " |
| Reclamation completed | " |

OTHER INSPECTIONS

Reason: _____
 Reason: _____

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DATE 12 September, 1985

IV-9
(Rev. 8-81)

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL NO. BBJ-3

Rec'd. (WFSCD)
SEP 16 1985

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - 033 - 3255

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Glenn H. Johnson dba Johnson Energy Co. DESIGNATED AGENT Barbara Bird
Address PO Box 298, Buckhannon, WV 26201 Address PO Box 298, Buckhannon, WV
Telephone 304-472-0373 Telephone 304-472-0373

LANDOWNER B & B Enterprises, Inc. SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by SW Jack Drilling Co. (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 9/17/85 (Date)
Kenneth E Knight ON SITE REVIEW 9/16/85 (SCD Agent)

ACCESS ROAD

LOCATION

Structure Culverts (A) Structure Diversion Ditch (1)
(according to O&G Manual (at natural drains))
Spacing As shown and as needed. Material Soil (2% max. Slope)
(15" culvert when leaving a state or county road.) Page Ref. Manual 2-10 2-12
Page Ref. Manual 2-5 2-7 with riprapped outlet

Structure Drainage Ditch (B) Structure Drilling Pit (2)
(Inside road cuts) Material Soil
Spacing To be constructed along road. Page Ref. Manual -----
Page Ref. Manual 2-10 2-12

Structure Cross Drains (C) Structure Sediment trap (3)
Spacing 5%-135' 15%-60' Material Soil
10%-80' 20%-45' Page Ref. Manual -----
with riprapped outlet

Water Velocity Barrier (D)
All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.
NOTE: Drainage to be maintained after completion of well and seeding to commence within 6 months after completion of well.
REVEGETATION

Treatment Area I

Treatment Area II

*Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed * Ky-31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

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or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed * Ky-31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount. 10/20/2023

*Lime according to pH test. PLAN PREPARED BY OSTRANDER LAND SURVEYING, I:

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ADDRESS PO Box 676
Buckhannon, WV 26201
PHONE NO. 304-472-0817

1) Date: 12 September, 1985
Operator's
2) Well No. BBJ-3
3) API Well No. 47 - 033 - 3253
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

5 (i) COAL OPERATOR

(i) Name B&B Enterprises, Inc.
Address 130 West Main St.
Bridgeport, WV 26330

Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

(ii) Name _____
Address _____

Name B&B Enterprises, Inc.
Address 130 West Main St.
Bridgeport, WV 26330

(iii) Name _____
Address _____

Name _____
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form WW-2(B) which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director of the Division of Oil and Gas.

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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SEP 18 1985

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22B-1-8(c)(1) through (4). (see reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Barbara Bird

WELL OPERATOR Glenn H. Johnson DBA Johnson Energy Co.

By Barbara J. Byers
Its Designated Agent
Address PO Box 298
Buckhannon, WV 26201
Telephone 304-472-0373

this 12 day of Sept, 1985
My commission expires 11-18, 1992
Edmond A. Summers
Notary Public, Harrison County,
State of W. Va.

10/20/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division of Oil & gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code §22B-1-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code §22B-1-36.
- 6) See Code §22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| <u>Grantor, lessor, etc.</u> | <u>Grantee, lessee, etc.</u> | <u>Royalty</u> | <u>Book page</u> |
|------------------------------|------------------------------|----------------|------------------|
|------------------------------|------------------------------|----------------|------------------|

Dunkin to Hope

Hope to Glenn H. Johnson (Farmout)

10/20/2023

1/8 To Be Rec.

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1) Date: 12 September, 19 85

2) Operator's Well No. BBJ-3

3) API Well No. 47 State 033 County Permit

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

- 4) WELL TYPE: A Oil _____ / Gas X /
B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1120' Watershed: Simpson Creek
District: Simpson County: Harrison Quadrangle: Clarksburg
- 6) WELL OPERATOR Glenn H. Johnson CODE: _____ 7) DESIGNATED AGENT Barbara Bird
Address DBA Johnson Energy Co. Address PO Box 298
PO Box 298, Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Donald Ellis Name SW Jack Drilling Co.
Address 2604 Crab Apple Lane Address PO Box 48
Fairmont, WV 26554 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4500' feet
- 13) Approximate trata depths: Fresh, 35' feet; salt, 0 feet.
- 14) Approximate coal seam depths: 300 to 800 Is coal being mined in the area? Yes _____ / No X /

15) 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 | 0 | 0 sks | Kinds |
| Fresh water | 8 5/8 | ERW | 23 | X | | 1150 | 1150 | To surface | AS req. by |
| Coal | 8 5/8 | ERW | 23 | X | | 1150 | 1150 | To surface | Size Rule 15.05 |
| Intermediate | | | | | | | | | |
| Production | 4.5 | J-55 | 10.5 | X | | 4450 | 4450 | 300 sks | Depths as req. by |
| Tubing | | | | | | | | | Rule 15.01 |
| Liners | | | | | | | | | Perforations |
| | | | | | | | | | Top Bottom |

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 22B-1-15,16, or 17 must be filed with the Department of Energy within fifteen (15) days after the receipt of this Application by the Department.

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 22B-1-36 if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner X / 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: Sept. 12th, 19 85

By: B+B Enterprises, Inc.
Warrant, James
Its: Pres. 10/20/2023

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DEPARTMENT OF ENERGY
DIVISION OF OIL & GAS
APPLICATION FOR A WELL WORK PERMIT

1. Date of Application: _____
2. Operator: _____
3. Well No.: _____
4. State: _____
5. County: _____

1. WELL TYPE: _____
2. LOCATION: _____
3. WELL OPERATOR: _____
4. OIL & GAS INSPECTION TO BE NOTIFIED: _____
5. PROPOSED WELL WORK: _____
6. GEOLOGICAL TARGET FORMATION: _____
7. APPROXIMATE DEPTH OF TARGET FORMATION: _____
8. APPROXIMATE DEPTH OF CASING: _____
9. CASING AND TUBING PROGRAM: _____

| WELL NO. | DATE OF PERMIT | WELL TYPE | FORMATION | | DEPTH | | STATUS |
|----------|----------------|-----------|-----------|--------|-------|--------|--------|
| | | | Top | Bottom | Top | Bottom | |
| 100-1-1 | 10/1/85 | Oil | 100' | 150' | 100' | 150' | Active |
| 100-2-1 | 11/1/85 | Gas | 100' | 150' | 100' | 150' | Active |
| 100-3-1 | 12/1/85 | Oil | 100' | 150' | 100' | 150' | Active |
| 100-4-1 | 1/1/86 | Gas | 100' | 150' | 100' | 150' | Active |
| 100-5-1 | 2/1/86 | Oil | 100' | 150' | 100' | 150' | Active |

INSTRUCTIONS TO LOCAL OPERATOR ON STATE OF WEST VIRGINIA
The proposed well shall be drilled and completed in accordance with the provisions of the West Virginia Code and the regulations of the West Virginia State Department of Energy, which are hereby incorporated by reference into this permit. It is the responsibility of the applicant to ensure that the well is drilled and completed in accordance with the provisions of the West Virginia Code and the regulations of the West Virginia State Department of Energy. The applicant shall file a copy of this permit with the local operator of the well to be drilled and completed in accordance with the provisions of the West Virginia Code and the regulations of the West Virginia State Department of Energy.

Signature: _____
Date: _____

10/20/2023

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1) Date: 12 September, 19 85
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3) API Well No. 47 033
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF OIL & 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)
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District: Simpson / County: Harrison / Quadrangle: Clarksburg
- 6) WELL OPERATOR Glenn H. Johnson CODE: _____ 7) DESIGNATED AGENT Barbara Bird
Address DBA Johnson Energy Co. Address PO Box 298
PO Box 298, Buckhannon, WV 26201 Buckhannon, WV 26201
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|-----------------------|----------------|-------|----------------|-----|------|-------------------|--------------|--------------------------------------|-----------------------|
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| Intermediate | | | | | | | | | |
| Production | 4.5 | J-55 | 10.5 | X | | 4450 | 4450 | 300 sks | Depths set As req. by |
| Tubing | | | | | | | | | Rule 15.01 |
| Liners | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: B. & B. ENTERPRISES, INC.

By Wanda H. Acornide

Its Pres. Date 9-12-1985

(Signature) Date _____

(Signature) 10/20/2023

Date _____

INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B, Article 1 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas
West Virginia Department of Energy
1615 Washington Street, East
Charleston, West Virginia 25311-2192
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract over the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in METHODS FOR FILING COMMENTS below. You may call the Director's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Director.

List of Water Testing Laboratories. The Director maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Director's office or an Oil and Gas Inspector to obtain a copy of the list.

RECEIVED SEP 18 1985

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

STATE OF West Virginia, (ALSO) COUNTY OF Harrison: PIT FORM

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) / (3) Plat showing the well location on Form IV-6, and (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. BBT-3 located in Simpson District, Harrison County, West Virginia, upon the person or organization named--

B & B Enterprises, Inc.

--by delivering the same in Harrison County, State of W. Va, on the September, 1985 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- [] Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence. [] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

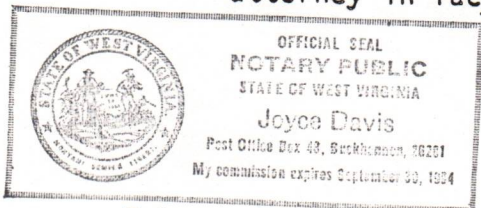
- [] Handing it to, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- [] Handing it to the general partner, named, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- [x] Handing it to the corporation's employee / officer / director / attorney in fact / named:



Edward B. Sommers (Signature of person executing service)

Taken, subscribed and sworn before me this 12th day of Sept., 1985. My commission expires 9/30/84

Joyce Davis Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

10/20/2023

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR
DRILLING PIT WASTE DISCHARGE

RECEIVED
SEP 18 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1. Company Name GLENN H. JOHNSON DBA JOHNSON ENERGY CO.
2. Mailing Address PO Box 298 Buckhannon West Virginia 26201
street city state zip
3. Telephone 304-472-0373 4. Well Name BBJ-3
5. Latitude 39°18'03" Longitude 80°15'56"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-033-3255
8. County Harrison 9. Nearest Town Bridgeport, WV
10. Nearest Stream _____ 11. Tributary of Simpson Creek
12. Will Discharge be Contracted Out? yes XX no _____
13. If Yes, Proposed Contractor PKC
Address 44 Baltimore St., Westover, WV 26505
Telephone 304-291-5960
14. Proposed Disposal Method: UIC _____ Land application XX
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

10/20/2023

OSTRANDER LAND SURVEYING, INC.

P. O. Box 676
BUCKHANNON, W. VA. 26201
(304) 472-0817

JOB _____

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE _____

Well N°. *BBT-3* District: *Simpson* County: *Harrison*
Lease N°. Surface Owner: *B&B Enterprises, Inc.*
Phone N°. Address: *R. Blake & W. Burnside*

Surface owner lives on property: *No*

Comments made by surface owner: *Agreement with location*

Location Information: *Bush in field*

Access Road Information: *Flagged orange*

Property Line Information: *300'+ From Location*

Right-of-way for Road: *Sherwood Road* Approximate Distance: *800'*

Heavy Hauling Approach Permit onto State Route N°. *24* Yes or No

MISS UTILITY: ID N°.

Date Called:

Utilities they will inform:

COMMENTS:

10/20/2023

FERC

IV-35
(Rev 8-81)

MAR 18 1986



State of West Virginia
Department of Mines
Oil and Gas Division

Date 12-30-85
Operator's Well No. BBJ-3
Farm Burnside/Blake
API No. 47 - 033 - 3255

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1,120' Watershed Simpson Creek
District: Simpson County Harrison Quadrangle Clarksburg

COMPANY Glenn H. Johnson DBA Johnson Energy Co.
ADDRESS P.O. Box 298, Buckhannon, WV 26201
DESIGNATED AGENT Barbara Byrd
ADDRESS P.O. Box 298, Buckhannon, WV 26201
SURFACE OWNER B&B Enterprises, Inc.
ADDRESS 130 W. Main St., Bridgeport WV 26330
MINERAL RIGHTS OWNER B&B Enterprises, Inc.
ADDRESS 130 W. Main St., Bridgeport WV 26330
OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey
ADDRESS Rt. 2, Box 232-D Jane Lew, WV 26378
PERMIT ISSUED September 18, 1985
DRILLING COMMENCED October 18, 1985
DRILLING COMPLETED October 25, 1985
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 1163.95 | 1163.95 | 270 Sk. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4,664.00 | 4,554.00 | 590 Sk. |
| 3 | | | |
| 2 1/2 | 4,526.00 | 4,526.00 | Loose |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Benson Depth 4,500 feet
Depth of completed well 4,605 feet Rotary X / Cable Tools
Water strata depth: Fresh 50 feet; Salt 0 feet
Coal seam depths: 182' - 370' - 805' Is coal being mined in the area? X

OPEN FLOW DATA
Producing formation Speechley, Balltown, Riley-Benson Pay zone depth 4,605 feet
Gas: Initial open flow 200,000 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 253,000 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 685 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

HARR 3255

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

10-29-85: Halliburton Hydraulic Water Stimulation (Three Phase Frac)
 20/40 Sand: 1,100 Sks.
 80/100 Sand: 225 Sks.

Perforations: 4482'- 4291' First Stage Benson-Riley Sand 9 Shots
 3668'- 3446' Second Stage Balltown Sand 8 Shots
 3108'-3008' Third Stage Speechley Sand 9 Shots

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|------------------------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fresh and salt water, coal, oil and gas |
| KB - GL | | | 0 | 10 | |
| Clay | | | 10 | 30 | |
| Sand & Shale | | | 30 | 50 | Damp @ 50 Ft. |
| Red Rock & Sahel | | | 50 | 85 | |
| Sand | | | 85 | 110 | |
| Sand & Shale | | | 110 | 182 | |
| Coal | | | 182 | 185 | |
| Sand & Shale | | | 185 | 205 | |
| Red Rock & Shale | | | 205 | 260 | |
| Sand | | | 260 | 340 | |
| Sand & Shale | | | 340 | 370 | |
| Coal | | | 370 | 374 | |
| Sand & Shale | | | 374 | 620 | |
| Sand | | | 620 | 655 | 1/2" Stream @ 630' |
| Sand & Shale | | | 655 | 805 | |
| Coal | | | 805 | 808 | |
| Sand & Shale | | | 808 | 820 | |
| Sand | | | 820 | 850 | 1/2" Stream @ 825' |
| Sand & Shale | | | 850 | 1,010 | |
| Red Rock & Shale | | | 1,010 | 1,060 | |
| Sand & Shale | | | 1,060 | 1,100 | |
| Shale & Red Rock | | | 1,100 | 1,305 | |
| Little Lime | | | 1,305 | 1,335 | |
| Sand & Shale | | | 1,335 | 1,360 | |
| Big Lime | | | 1,360 | 1,415 | |
| Injun Sand | | | 1,415 | 1,515 | |
| Sand & Shale | | | 1,515 | 1,830 | Check Gas @ 1,542' No Show |
| Sand, Shale & Red Rock | | | 1,830 | 1,890 | |
| Sand & Shale | | | 1,890 | 1,950 | |
| Sand | | | 1,950 | 1,990 | |
| Sand & Shale | | | 1,990 | 2,380 | Check Gas @ 2,079' No Show |
| Sand | | | 2,380 | 2,420 | |
| Sand & Shale | | | 2,420 | 2,745 | Check Gas @ 2,428' No Show |
| Sand | | | 2,745 | 2,810 | Check Gas @ 2,618' No Show |
| Sand & Shale | | | 2,810 | 3,400 | Check Gas @ 2,808' 6/10-1" P w/w |
| Balltown | | | 3,400 | 3,460 | Check Gas @ 3,122' 12/10-1" P w/w |
| Sand & Shale | | | 3,460 | 4,135 | Check Gas @ 3,563' 16/10-1" P w/w |

(Continued to Page Two)

(Attach separate sheets as necessary)

Glenn H. Johnson
 DBA Johnson Energy Co.

Well Operator

By:

Date:

[Signature]
 12-20-85

10/20/2023

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Page Two
BBJ-3
47-033-3255

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|--------------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fractures and salt water, coal, oil and gas |
| Riley | | | 4,135 | 4,160 | |
| Sand & Shale | | | 4,160 | 4,325 | Check Gas @ 4,192' 10/10-1" P w/w |
| Benson ? | | | 4,325 | 4,350 | |
| Sand & Shale | | | 4,350 | 4,460 | Check Gas @ 4,448' 10/10-1" P w/w |
| Sand | | | 4,460 | 4,490 | |
| Sand & Shale | | TD | 4,490 | 4,605 | Check Gas @ 4,605' 10/10-1" P w/w Check Gas @ D.C. 6/10-1" P w/w |

(Attach separate sheets as necessary)

Glenn H. Johnson
DBA Johnson Energy Co.

Well Operator

By: *Glenn H. Johnson*

Date: 12-30-85

10/20/2023

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including strata, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

MAY 15 1986

(9-18-85)

Permit No. 33-3255 County Harv.
 Company Johnson Energy Farm B+B Ctr.
 Inspector _____ Well No. BBJ 3
 Date _____

| RULE | DESCRIPTION | IN COMPLIANCE | |
|-------|---|---------------|-------|
| | | Yes | No |
| 23.06 | Notification Prior to starting Work | _____ | _____ |
| 25.04 | Prepared before Drilling to prevent waste | _____ | _____ |
| 25.03 | High-Pressure Drilling | _____ | _____ |
| 16.01 | Required Permits at wellsite | _____ | _____ |
| 15.03 | Adequate Fresh Water Casing | _____ | _____ |
| 15.02 | Adequate Coal Casing | _____ | _____ |
| 15.01 | Adequate Production Casing | _____ | _____ |
| 15.04 | Adequate Cement Strength | _____ | _____ |
| 23.02 | Maintained Access Roads | _____ | _____ |
| 25.01 | Necessary Equipment to prevent Waste | _____ | _____ |
| 23.03 | Reclaimed Drilling Site | _____ | _____ |
| 23.04 | Reclaimed Drilling Pits | _____ | _____ |
| 23.05 | No surface or underground Pollution | _____ | _____ |
| 7.03 | Identification Markings | _____ | _____ |

COMMENTS: _____

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Steve Casey
 DATE: 5-14-86

10/20/2023

RECEIVED
JAN 2 1986

| | | | | | | | | | | | | | | | |
|--|---|---|--|---|--|--|-------------------------------------|-----------|-----|--|-------------------------------------|-----|--|--|--|
| 1.0 API well number: (If not available, leave blank. 14 digits.) | <u>47-033-3255</u> | DIVISION OF OIL & GAS DEPARTMENT OF ENERGY | | | | | | | | | | | | | |
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | <u>103</u> Section of NGPA | Category Code | | | | | | | | | | | | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | <u>4,605</u> feet | | | | | | | | | | | | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | Glenn H. Johnson DBA Johnson Energy Co. | | <u>009787</u> Seller Code | | | | | | | | | | | | |
| | Name <u>P. O. Box 298</u> | | | | | | | | | | | | | | |
| | Street <u>Buckhannon</u> | | | | | | | | | | | | | | |
| | <u>WV</u> City State | <u>26201</u> Zip Code | | | | | | | | | | | | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | <u>Simpson</u> Field Name | | | | | | | | | | | | | | |
| | <u>Harrison</u> County | | <u>WV</u> State | | | | | | | | | | | | |
| (b) For OCS wells: | <u>N/A</u> Area Name Block Number | | | | | | | | | | | | | | |
| | Date of Lease: <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="font-size: 8px;">Mo.</td> <td style="font-size: 8px;">Day</td> <td style="font-size: 8px;">Yr.</td> <td></td> </tr> </table> | | | | | | | Mo. | Day | Yr. | | | | | |
| | | | | | | | | | | | | | | | |
| Mo. | Day | Yr. | | | | | | | | | | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | <u>BBJ-3</u> | | | | | | | | | | | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | <u>N/A</u> | | | | | | | | | | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | <u>Hope Gas, Inc.</u> Name | | Buyer Code | | | | | | | | | | | | |
| (b) Date of the contract: | <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="font-size: 8px;">Mo.</td> <td style="font-size: 8px;">Day</td> <td style="font-size: 8px;">Yr.</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | | | Mo. | Day | Yr. | | | |
| | | | | | | | | | | | | | | | |
| Mo. | Day | Yr. | | | | | | | | | | | | | |
| (c) Estimated annual production: | <u>50</u> MMcf. | | | | | | | | | | | | | | |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | (a) Base Price (\$/MMBTU) ----- | (b) Tax ----- | (c) All Other Prices [Indicate (+) or (-).] ----- | (d) Total of (a), (b) and (c) ----- | | | | | | | | | | | |
| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | ----- | ----- | ----- | ----- | | | | | | | | | | | |
| 9.0 Person responsible for this application: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; padding: 2px;"> Agency Use Only Date Received by Juris. Agency JAN - 2 1986 Date Received by FERC </td> <td style="width:75%; padding: 5px;"> <table style="width:100%;"> <tr> <td style="width:60%;"> <u>Glenn H. Johnson</u> Name </td> <td style="width:40%;"> Owner/Operator Title </td> </tr> <tr> <td colspan="2"> Signature </td> </tr> <tr> <td style="text-align: center;"> <u>12-30-85</u> Date Application is Completed </td> <td style="text-align: center;"> <u>304-472-0373</u> Phone Number </td> </tr> </table> </td> </tr> </table> | | | Agency Use Only Date Received by Juris. Agency JAN - 2 1986 Date Received by FERC | <table style="width:100%;"> <tr> <td style="width:60%;"> <u>Glenn H. Johnson</u> Name </td> <td style="width:40%;"> Owner/Operator Title </td> </tr> <tr> <td colspan="2"> Signature </td> </tr> <tr> <td style="text-align: center;"> <u>12-30-85</u> Date Application is Completed </td> <td style="text-align: center;"> <u>304-472-0373</u> Phone Number </td> </tr> </table> | <u>Glenn H. Johnson</u> Name | Owner/Operator Title | Signature | | <u>12-30-85</u> Date Application is Completed | <u>304-472-0373</u> Phone Number | | | | |
| Agency Use Only Date Received by Juris. Agency JAN - 2 1986 Date Received by FERC | <table style="width:100%;"> <tr> <td style="width:60%;"> <u>Glenn H. Johnson</u> Name </td> <td style="width:40%;"> Owner/Operator Title </td> </tr> <tr> <td colspan="2"> Signature </td> </tr> <tr> <td style="text-align: center;"> <u>12-30-85</u> Date Application is Completed </td> <td style="text-align: center;"> <u>304-472-0373</u> Phone Number </td> </tr> </table> | <u>Glenn H. Johnson</u> Name | Owner/Operator Title | Signature | | <u>12-30-85</u> Date Application is Completed | <u>304-472-0373</u> Phone Number | | | | | | | | |
| <u>Glenn H. Johnson</u> Name | Owner/Operator Title | | | | | | | | | | | | | | |
| Signature | | | | | | | | | | | | | | | |
| <u>12-30-85</u> Date Application is Completed | <u>304-472-0373</u> Phone Number | | | | | | | | | | | | | | |

10/20/2023

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

691-74

JAN 30 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 12/30, 1985

24975

AGENCY USE ONLY

Applicant's Name: Johnson Energy Company

WELL DETERMINATION FILE NUMBER

Address: P. O. Box 298

860102 -1030 -033 - 3255

Buckhannon, WV 26201

Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. 9043

Date of Contract 11/05/85
(Month, day and year)

First Purchaser: Hope Gas, Inc. P637

Designated Agent: Barbara J. Byrd

Address: P. O. Box 2868
(Street or P.O. Box)
Clarksburg, WV 26301
(City) (State) (Zip Code)

Address: P. O. Box 298
Clarksburg, WV 26301

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Barbara J. Byrd

Signature: Barbara J. Byrd (Print) _____ (Title)

Address: P. O. Box 298
(Street or P.O. Box)
Clarksburg, WV 26301
(City) (State) (Zip Code)

Telephone: _____
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- X 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- Completion Tight Formation

AGENCY USE ONLY

QUALIFIED

10/20/2023

Determination Date

Date Received

RECEIVED
JAN 2 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

Date 12 30 19 85

Operator's Well No. BBJ-3

API Well No. 47 - 033 - 3255
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

WELL OPERATOR Glenn H. Johnson
DBA Johnson Energy Co.
ADDRESS P. O. Box 298
Buckhannon, WV 26201
GAS PURCHASER Hope Gas, Inc.
ADDRESS P. O. Box 2868
Clarksburg, WV 26301

DESIGNATED AGENT Barbara J. Byrd
ADDRESS P. O. Box 298
Buckhannon, WV 26201
LOCATION: Elevation 1,120
Watershed Simpson Creek
Dist. Simpson County Harrison Quad. Clarksburg
Gas Purchase Contract No. 9043
Meter Chart Code M971
Date of Contract 11-05-85

* * * * *

Date surface drilling was begun: October 18, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$BHP = P_1 + P_2 (e^x - 1)$$

$P_1 = 685$
 $e = 2.71828$
 $x = \frac{GL}{53.34 T}$

$G = 54$
 $L = 4482$
 $T = 105$

BHP = 742.28

AFFIDAVIT

I, Glenn H. Johnson, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Glenn H. Johnson

STATE OF WEST VIRGINIA,

COUNTY OF Upshur, TO WIT:

I, Barbara J. Byrd, a Notary Public in and for the state and county aforesaid, do certify that Glenn H. Johnson, whose name is signed to the writing above, bearing date the 30th day of December, 19 85, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of December 19 85.

My term of office expires on the 5th day of August, 19 92.

[NOTARIAL SEAL]

Barbara J. Byrd
Notary Public

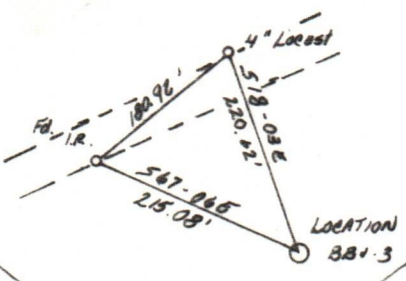
10/20/2023

MN 9-13-85

4,450'

LATITUDE 39° 20' 00"

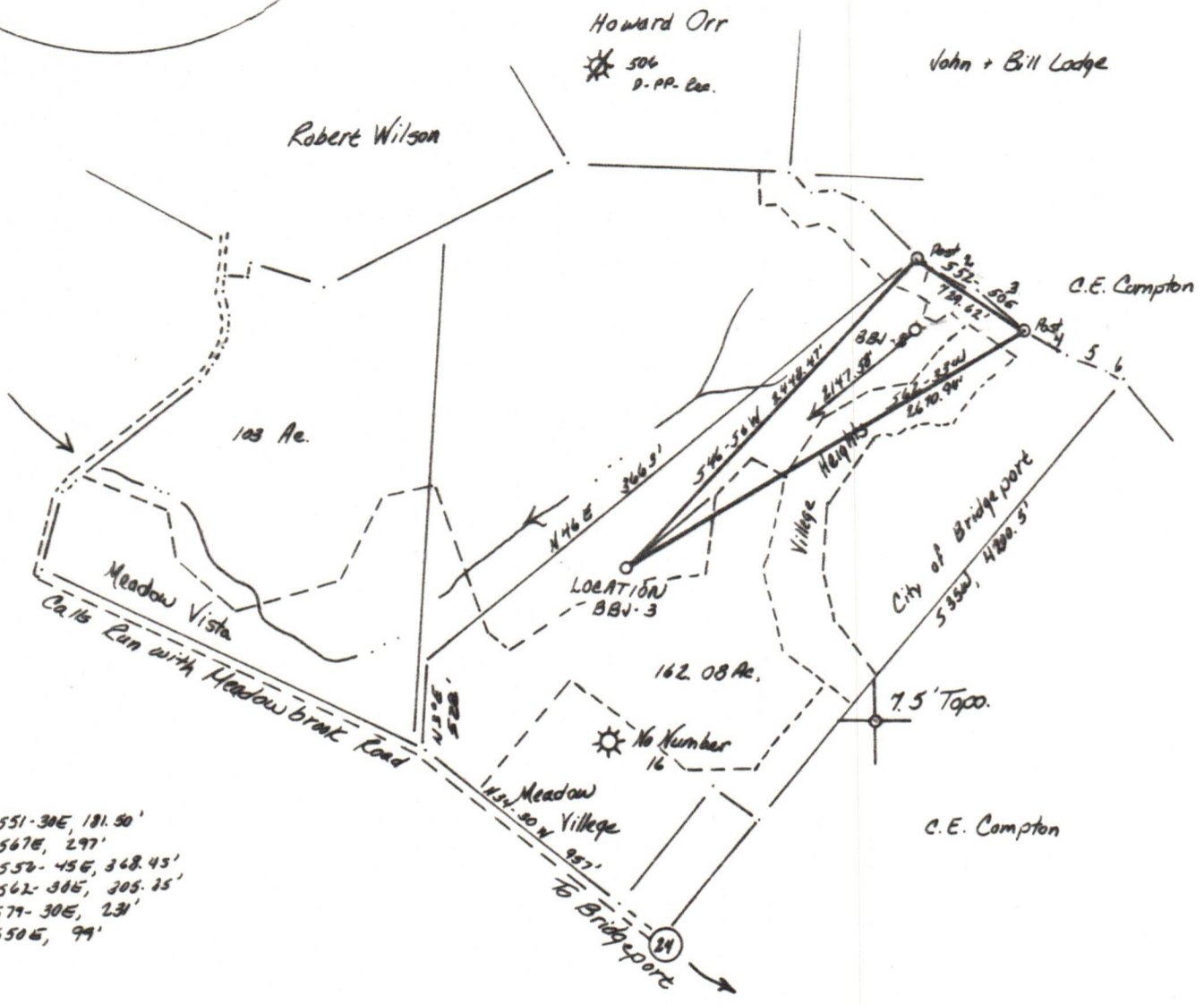
References 1" = 200'



LONGITUDE 80° 15' 00"

11,850'

NORTH

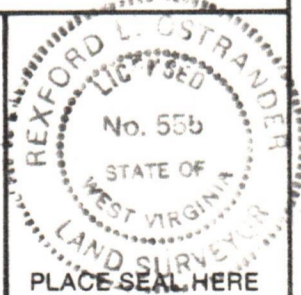


1. 551-30E, 181.50'
2. 567E, 297'
3. 552-45E, 348.45'
4. 562-30E, 305.35'
5. 579-30E, 231'
6. 550E, 99'

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

FILE NO. 788.01
 DRAWING NO. 85-02
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION 4565 AM 962' at Smith Run, 4565 Clarkburg Quad.

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) Rexford L. Ostrander
 R.P.E. _____ L.L.S. 555
Buckhannon, W. Va.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE Sept. 10, 1985
 OPERATOR'S WELL NO. BBV-3
 API WELL NO. 47-037-3255
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1120' WATERSHED Simpson Creek
 DISTRICT Simpson COUNTY Harrison
 QUADRANGLE Clarkburg

SURFACE OWNER B + B Enterprises Inc. ACREAGE 162.08
 OIL & GAS ROYALTY OWNER Ray G. Galt, Jr., Warren Burnside LEASE ACREAGE 162.08
 LEASE NO. 17946

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 Benson ESTIMATED DEPTH 4500'
 WELL OPERATOR Glen H. Johnson DBA Johnson Energy Co. DESIGNATED AGENT Barbara Bird
 ADDRESS P.O. Box 298, Buckhannon, W. Va. 26201 ADDRESS P.O. Box 298, Buckhannon, W. Va. 26201

FORM IV-6 (8-78)

H.T. HALL

COUNTY NAME

PERMIT