



1) Date: 19 November, 19 82 (82)  
 2) Operator's Well No. LOUDIN #2  
 3) API Well No. 47 041 3284  
 State County Permit

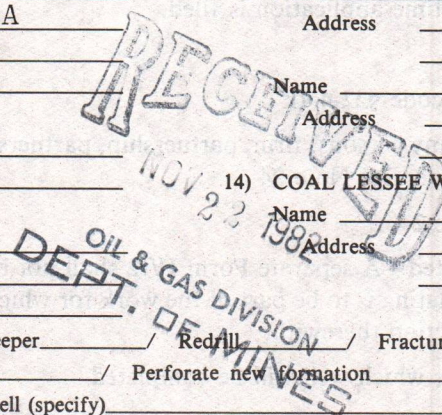
DRILLING CONTRACTOR:

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

S.O.N.N.

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 990' (990) Watershed: Sleeths Run of Leading Creek  
 District: Freeman's Creek County: Lewis Quadrangle: Vadis 7.5'
- 6) WELL OPERATOR Johnson Exploration Co. 11) DESIGNATED AGENT Gai L. Smythe  
 Address P. O. Drawer "L" Address P.O. Drawer 370  
Glenville, WV 26351 Glenville, WV 26351
- 7) OIL & GAS ROYALTY OWNER D & M Loudin, et al 12) COAL OPERATOR None  
 Address Rt. #1, Box AB-1 Address \_\_\_\_\_  
Linn, WV 26384
- 8) SURFACE OWNER R & J Ratliff 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. #1, Box 74-A Name \_\_\_\_\_  
Linn, WV 26384 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address N/A Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Robert Bates Name None  
 Address Weston, WV Address \_\_\_\_\_  
269-3820
- 15) PROPOSED WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Bayard
- 17) Estimated depth of completed well, 2725' feet
- 18) Approximate water strata depths: Fresh, 45' feet; salt, \_\_\_\_\_ feet.
- 19) Approximate coal seam depths: none Is coal being mined in the area? Yes \_\_\_\_\_ / No



20) 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	13-3/8			X		18	18		Kinds
Fresh water	8-5/8		20#	X		220	220	65 sks	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	4-1/2		10.5	X	X		2700	115-275sks	Top Bottom
Tubing									
Liners									

- 21) 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 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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? Yes  No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.

Notary: \_\_\_\_\_  
 My Commission Expires \_\_\_\_\_

Signed: Gai L. Smythe Agent  
 Its: Agent - Gen. Man.

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-041-3284 December 1, 19 82  
 Date 02/16/2024

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. 10) 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.)

Permit expires July 31, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>1555</u>
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[Signature]  
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

DRILLING 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.

02/16/2024

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

By: \_\_\_\_\_

Its \_\_\_\_\_



DATE 6 NOVEMBER 1982

WELL NO. Loudin #2

State of West Virginia

API NO. 47 - 041 - 3284

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Johnson Exploration Co.  
Address Drawer "L", Glenville, WV  
Telephone 304-462-5771

DESIGNATED AGENT Gai L. Smythe  
Address Drawer 370, Glenville, WV  
Telephone 462-5771(off):462-5311(hm)

LANDOWNER R. & J Ratliff

SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by Hall's Reclamation or other sub- (Agent) contractor.

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 11/17/82 (Date)

Kenneth Knight  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Rip Rap (A)  
Spacing Rock  
Page Ref. Manual -----

Structure Drilling Pit (1)  
Material Earthen  
Page Ref. Manual -----

Structure Drainage Ditches (B)  
Spacing Along<sup>access</sup> road  
Page Ref. Manual 2-12

Structure Diversion Ditch (2)  
Material Earthen  
Page Ref. Manual 2-12

Structure Cross Ditches (C)  
Spacing Variable--<sup>20'</sup>100' spacing  
Page Ref. Manual 2-4

ACCESS ROAD  
Structure Culvert (if needed) (D)  
Material 15" minimum I. O.  
Page Ref. Manual 2-7

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.

REVEGETATION

Treatment Area I

Lime 7 Gal. Primasol\* Tons/acre  
or correct to pH 6.5  
Fertilizer 10-20-20 500lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw Cover 2 Tons/acre  
Seed\* Meadow Mix lbs/acre  
Orchardgrass, Red Clover lbs/acre  
Timothy, Alsike Clover lbs/acre  
75-100 lbs/acre

Treatment Area II

Lime 7 Gal. Primasol\* Tons/acre  
or correct to pH 6.5  
Fertilizer 10-20-20 500lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw Cover 2 Tons/acre  
Seed\* Meadow Mix lbs/acre  
Orchardgrass, Red Clover lbs/acre  
Timothy, Alsike Clover lbs/acre  
75-100 lbs/acre

\*Lime according to pH test.  
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium.  
Inoculate with 3X recommended amount.

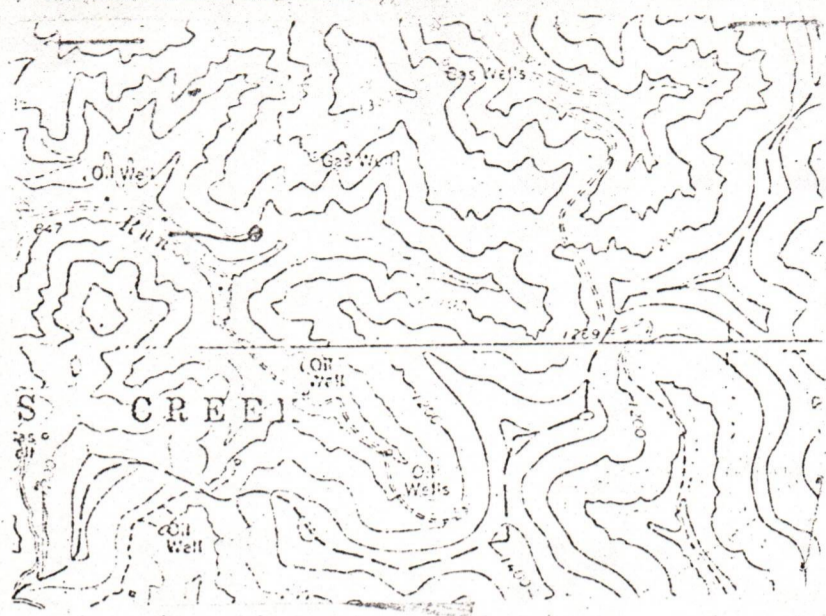
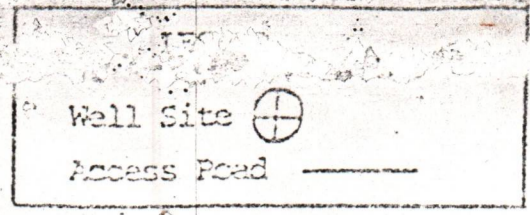
02/16/2024

PLAN PREPARED BY Gai L. Smythe

ADDRESS Drawer 370  
Glenville, WV 26351

PHONE NO. 462-5771(off):462-5311(hm)

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



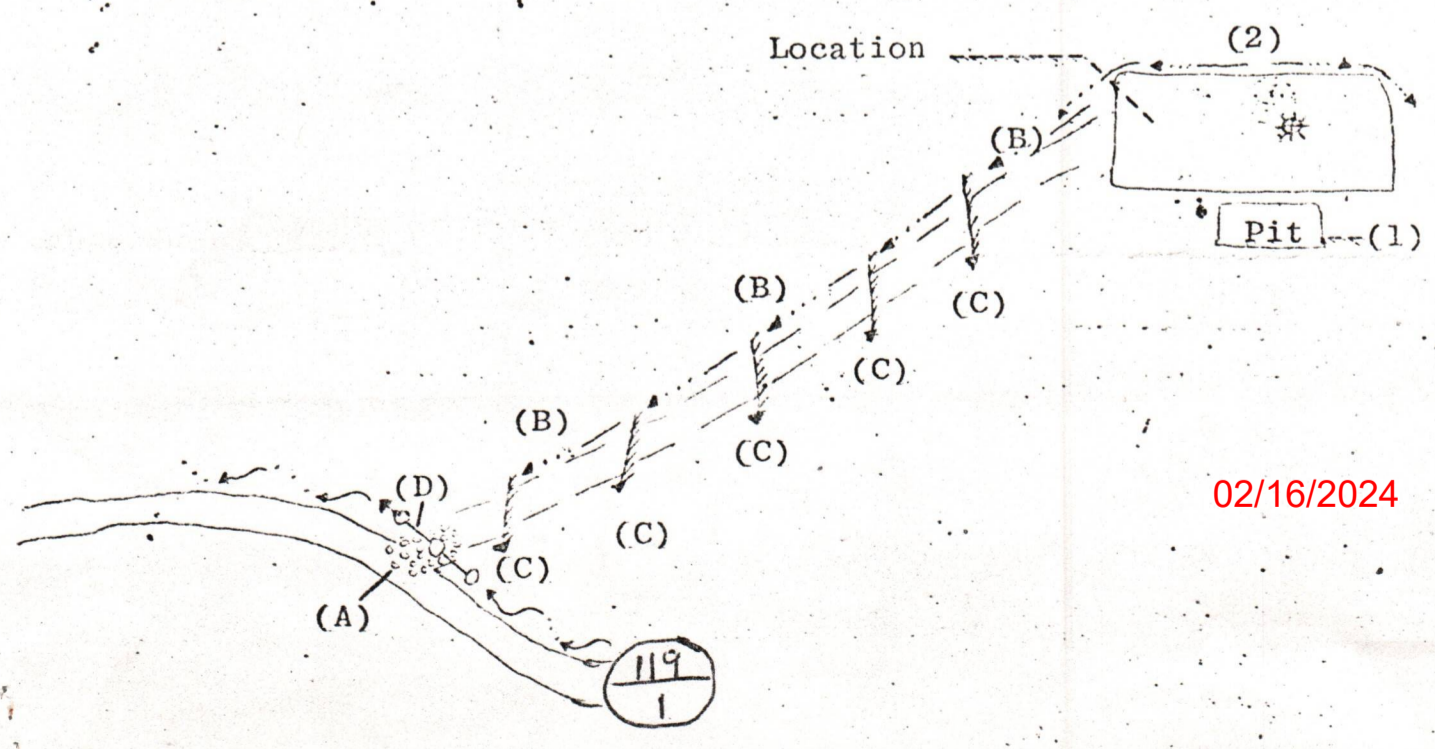
WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

- Property boundary ————
- Road ————
- Existing fence ——— X ——— X ———
- Planned fence ——— / ——— / ———
- Stream ————
- Open ditch ————

- Diversion ————
- Spring ○→
- Wet spot ☼
- Building □
- Drain pipe ○→→→○→→→
- Waterway ⇐ ——— ——— ——— ———



02/16/2024

AGREEMENT, made and entered into this 2th day of August 1982 by and between Donald R. Loudin and Marlene S. Loudin, his wife

County of Gilmer and State of West Virginia parties of the first part,

hereinafter called Lessors, whether one or more, and Rockwell Petroleum Company part of the second part, hereinafter called Lessee.

WITNESSETH, that the said Lessors for and in consideration of the sum of \$10.00 Dollars to them in hand well and truly paid by the said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the said Lessee, to be paid, kept, and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let with covenants of quiet possession, and that they have the sole right so to grant and demise, unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil and gas, and of building tanks, stations, power plants, water stations and structures thereon to take care of the said products, and of laying pipe lines on, over and across the leased premises and other lands of Lessors, for the purpose of conveying oil, gas, steam or water therein from and to wells and pipe lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other land of Lessors.

all that certain tract of land situate in Freemans Creek District Lewis County and State of West Virginia, on the waters of Sleeth Run

bounded as follows:

On the North by lands of Kraus and Moneyppenny

On the East by lands of O. C. Mick

On the South by lands of Shirley Stutler

On the West by lands of A.B. College

Containing 32 1/2 acres and 43 acres (75 1/2) acres, more or less, reserving, however, therefrom all lands within two hundred feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of two months from this date and as long thereafter as oil or gas, or either of them, is produced from the said lands by the said Lessee, its successors and assigns.

In consideration of the premises the said party of the second part, covenants and agrees: 1st-to deliver to the credit of the Lessors, their heirs or assigns, free of cost, in the pipe line to which the Lessee may connect with its wells their proportionate part of the equal one-eighth (1/8) part of all oil produced

and saved from the leased premises; and second, to pay their proportionate part of one-eighth (1/8) of the value at the well of the gas from each and every gas well drilled on said premises, the products from which is marketed and used off the premises, said gas to be measured at a meter set on the farm.

The Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessors or their predecessor in title or otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or delivered.

It is agreed by the parties hereto that the Lessee, its successors and assigns, shall have the right to use off the farm for such purposes as it may desire, "Casing Head Gas," (being gas produced from wells on the premises), but if said "casing head gas" or any part thereof should be manufactured into gasoline or other by-products by said company, said Lessors shall receive their proportionate part of one-eighth of the net value at the factory of the gasoline and other by-products so manufactured.

The Lessors may lay a line to any gas well drilled on said land and take gas therefrom free for their own use for heat and light in one dwelling house on said land, out of any surplus gas over and above what Lessee, its successors and assigns, may require to operate the lease, and subject to the use, operation, pumping and right of abandonment of the well by Lessee, its successors and assigns; Lessors are to provide and use economical appliances and to use said gas at their own risk, subject to the reasonable rules and regulations of said Lessee, its successors and assigns, published at such time relating to such use of gas.

Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of the farm. And it is agreed that the leased premises may be fully and freely used by the Lessors for farming purposes, excepting such parts as are used by the Lessee in operating hereunder, and further, that the said Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privileges.

The said Lessee covenants and agrees to pay a rental at the rate of

(\$101.34) Dollars in advance, beginning in ONE months from this date, until, but not after, a well yielding royalty to the Lessors is drilled on the leased premises, and any rental paid for time beyond the date of completion of a gas well shall be credited upon the first royalty due upon the same and all rentals shall cease after the surrender of the lease as hereinafter provided for. All payments for delay, for gas produced and marketed, for gasoline and other by-products may be made direct to the Lessors or be deposited to their credit, or to the credit of their heirs and assigns, in the

All gas and oil lines will be buried.

or by check mailed to Mr. Donald R. Loudin at Linn, WV P. O. Gilmer County,

State of West Virginia; such payments may also be made in the same manner to

Lease will not go into effect until 9th. August 1982

The Lessors shall not be liable for or required to pay any

It is agreed that the Lessee is to have the privilege of using free sufficient water and gas from the said premises to run all machinery necessary for drilling and operating thereon and at any time to remove all machinery and fixtures placed on said premises; and further, upon the payment of (\$1.00) One Dollar at any time, by the party of the second part, or by its successors and assigns it or they shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease become absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the postoffice of a check, payable as above provided, for said last mentioned sum and all amount then due hereunder, shall be a full surrender and termination of this lease.

All provisions, of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

In Witness Whereof, the parties of this agreement have hereunto set their hands and seals the day and year first-above written.

Witness: RECEIVED NOV 22 1982 Donald R. Loudin (Seal) Marlene S. Loudin (Seal)

OIL & GAS DIVISION DEPT. OF MINES (Seal)

02/16/2024

STATE OF WEST VIRGINIA, COUNTY OF

To-wit:

I, Philip E. Bligh, Notary of said State of West Virginia do certify that Donald K. Harding and his wife, whose name is DRE, signed to the writing above bearing date the 9th August A. D. 1982. Given under my hand this 23rd day of July A. D. 1982.

My Commission expires 2/5/82

Philip E. Bligh

STATE OF WEST VIRGINIA, COUNTY OF

To-wit:

I, of said county of do certify that and his wife, whose name signed to the writing above bearing date the A. D. 19 ha this day acknowledged the same before me in my said county. Given under my hand this day of A. D. 19

My Commission expires

STATE OF WEST VIRGINIA, COUNTY OF

To-wit:

I, of said county of do certify that and his wife, whose name signed to the writing above bearing date the A. D. 19 ha this day acknowledged the same before me in my said county. Given under my hand this day of A. D. 19

My Commission expires

PREPARED BY:

Continental Petroleum Co. P. O. Box 1, Sand Fork, W. VA. 26430

Mail to Continental Petroleum Co. P. O. Box 1 Sand Fork, W. Va. 26430

THE STATE OF WEST VIRGINIA, Clerks Office, County Court, Lewis County, 1982

July 26th 1982

The foregoing writing together with the certificate thereto annexed was this day presented in said office and admitted to record.

Attest

[Signature]

No. \_\_\_\_\_

Oil and Gas Lease

FROM \_\_\_\_\_

TO \_\_\_\_\_

Date \_\_\_\_\_ 19 \_\_\_\_\_

Term, Ten Years \_\_\_\_\_

Number of Acres \_\_\_\_\_

LOCATION

District \_\_\_\_\_

County \_\_\_\_\_

Received for Record \_\_\_\_\_ 19 \_\_\_\_\_

Recorded \_\_\_\_\_ 19 \_\_\_\_\_

In Book \_\_\_\_\_

Page \_\_\_\_\_

LEWIS COUNTY, W. VA.

CASO & HARRIS INC., SPENCER, W. VA. 25060-0780

02/16/2024



02/16/2024



STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ACKNOWLEDGMENT, Applicable for lands in Oklahoma, Kansas, Nebraska, North and South Dakota, Arizona, Colorado, Indiana, Iowa, Missouri, New Mexico, Texas, Wisconsin, and Illinois.

BE IT REMEMBERED, That on this \_\_\_\_\_ day of \_\_\_\_\_, A. D., 19\_\_\_\_, before me, a Notary Public in and for said County and State, personally appeared \_\_\_\_\_

\_\_\_\_\_ to me known to be the identical person described in and who executed the within and foregoing instrument and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed for the purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal, the day and year first above written.

My commission expires: \_\_\_\_\_ Notary Public

**CORPORATION ACKNOWLEDGMENT (Oklahoma Form)**

STATE OF \_\_\_\_\_ County of \_\_\_\_\_, ss:

On this \_\_\_\_\_ day of \_\_\_\_\_, A. D., 19\_\_\_\_, before me, the undersigned, a Notary Public

in and for the county and state aforesaid, personally appeared \_\_\_\_\_ to me known to be the identical person who signed the name of the maker thereof to the within and foregoing instrument as its

\_\_\_\_\_ President and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed, and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My commission expires: \_\_\_\_\_ Notary Public

When instrument is executed by a corporation, the corporate name must be shown and instrument signed by its President or Vice-President and attested by its Secretary or Assistant Secretary and the Corporate Seal affixed.

**NOTARY ACKNOWLEDGMENT of SIGNATURE BY MARK (Oklahoma Form)**

STATE OF \_\_\_\_\_ County of \_\_\_\_\_, ss:

Before me, \_\_\_\_\_, a Notary Public in and for said County and State on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared \_\_\_\_\_

to me known to be the identical person who executed the within and foregoing instrument by \_\_\_\_\_ mark in my presence and in the presence of \_\_\_\_\_

as witnesses and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed for the uses and purposes therein set forth.

In Witness Whereof, I have hereunto set my hand and official seal the day and year last above written.

My commission expires: \_\_\_\_\_ Notary Public

NOTE—The signature by mark of a lessor who cannot write his name must be witnessed by two witnesses, one of whom must write lessor's name.

FORM NO. 248-AF (ORDER BY NUMBER)

**ASSIGNMENT OF OIL AND GAS LEASE**  
(Mid-Continent Association Form)

FROM \_\_\_\_\_

TO \_\_\_\_\_

Dated \_\_\_\_\_, 19\_\_\_\_

Lot \_\_\_\_\_ Block \_\_\_\_\_ Addition \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_

No. of Acres \_\_\_\_\_ County \_\_\_\_\_

Terms \_\_\_\_\_

STATE OF \_\_\_\_\_ ss. \_\_\_\_\_ County \_\_\_\_\_

This instrument was filed for record on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ at \_\_\_\_\_ o'clock \_\_\_\_\_ M., and recorded in Book \_\_\_\_\_ of \_\_\_\_\_ at page \_\_\_\_\_ Fee \$ \_\_\_\_\_

By \_\_\_\_\_ County Clerk. \_\_\_\_\_ Deputy.

RETURN TO \_\_\_\_\_

**TEXAS ACKNOWLEDGMENTS**

THE STATE OF TEXAS, County of \_\_\_\_\_, BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this day personally appeared \_\_\_\_\_, ss:

THE STATE OF WEST VIRGINIA, \_\_\_\_\_s Office, County Court, Lewis County, } ss.  
October 25th 19 82

The foregoing writing \_\_\_\_\_ with the certificate thereto annexed was this \_\_\_\_\_ presented in said office and admitted to record.

Attest: \_\_\_\_\_

\_\_\_\_\_ e foregoing instrument, and acknowledged to me that \_\_\_\_\_ pressed. \_\_\_\_\_ day of \_\_\_\_\_, A.D., 19\_\_\_\_

\_\_\_\_\_, ss: \_\_\_\_\_ y and State, on this day personally appeared \_\_\_\_\_

\_\_\_\_\_, instrument, and having been examined by me privily she, the said \_\_\_\_\_ ne had willingly signed the same for the purposes and

\_\_\_\_\_, and that she did not wish to retract it. \_\_\_\_\_ day of \_\_\_\_\_, A.D., 19\_\_\_\_

RECORDED DEED BOOK  
NO. 410  
153  
LEWIS COUNTY W. VA.

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

INSPECTOR'S WELL REPORT

Permit No. 6EW-3284

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>Johnson Exploration Co.</u>	<u>Glennville, W.V.</u>	<u>Ratliff (Loudin)</u>	<u>Loudin # 2</u>	<u>Freemans Creek</u> County <u>Lewis</u>	<u>?</u>	<u>?</u> Total depth <u>2714'</u>		<u>?</u> /10ths Water in _____ Inch	<u>?</u> /10ths Merc. in _____ Inch	_____ Cu. Ft.	_____ lbs. _____ hrs.	_____ bbls., 1st 24 hrs.	_____ feet _____ feet	_____ feet _____ feet				
															Liners Used			Size of _____
																		Depth set _____
																		Perf. top _____
																		Perf. bottom _____
																		Perf. top _____
																		Perf. bottom _____
															CASING CEMENTED <u>85</u> SIZE <u>331</u> No. FT. <u>?</u> Date _____			
															NAME OF SERVICE COMPANY _____	<u>100 sacks</u>		
															COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
															_____ FEET _____ INCHES _____ FEET _____ INCHES			
															_____ FEET _____ INCHES _____ FEET _____ INCHES			

RECEIVED  
AUG 26 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

Drillers' Names \_\_\_\_\_

Remarks:

Completed      Reclaimed      Not identified

8-24-83

DATE

Robert Bateman

DISTRICT WELL INSPECTOR

02/16/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
Liner	Location	Amount	Packer	Location		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

02/16/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary  Oil \_\_\_\_\_  
 Cable \_\_\_\_\_ Gas \_\_\_\_\_  
 Recycling \_\_\_\_\_ Comb.   
 Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
 Disposal \_\_\_\_\_ (Kind)

Quadrangle Vadis 7.5'  
 Permit No. 47-041-3284

Company Johnson Exploration Co.  
 Address Drawer "L", Glenville, WV  
 Farm D.&M. Loudin Acres 32 of 75  
 Location (waters) Sleith Run  
 Well No. 2 (two) Elev. 990  
 District Freeman's Creek County Lewis  
 The surface of tract is owned & by R. and J. Ratliff, Rt. #1-Box 74A,  
 Address Linn, WV 26384  
 Mineral rights are owned by D.&M. Loudin et al Address Rt. #1-Box AB-1, Linn, WV  
 Drilling Commenced 20 December 1982  
 Drilling Completed 23 December 1982  
 Initial open flow -0- cu. ft. -0- bbls  
 Final production 1.0 MM cu. ft. per day 1 bbls  
 Well open 12 hrs. before test 750 RP  
 Well treatment details.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks.)
Size 20-16			
Code 13-3/8	20	20	
4 5/8			
8 5/8	330	330	110 sks
5 1/2			
4 1/2	2662	2662	900 sks
3			
2 1/2		2504	
Lines Used			

Attach copy of cementing record.

Well fractured by Halliburton on 12/30/82:  
 Bayard: Perf.=9 holes-2522-2537; Breakdown: 1700#: 10,000 80/100; 30,000 20/40  
 Weir : Perf.=10 holes-1783-1854; Breakdown: ; 10,000 80/100; 35,000 20/40  
 Big Injun; Perf.=10 holes-1714-1725; Breakdown: 2000#: 7,000 30/100; 33,000 20/40  
 Keener: Perf.= 10 holes-1643-1657; Breakdown: 2500: 3,000 80/100; 32,000 20/40  
 All formations treated with Cla-sta, Fe Agent, Non-emulsifier and Surfactant  
 was encountered at 52-55 Feet: \_\_\_\_\_ Inches  
 Fresh water, gas & oil @ 450' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Bayard, Weir, Big Injun, Keener Depth See well record below

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Clay			0	10		
Sand			10	25		
Sandstone			25	52		
Coal			52	55		
Shale			55	63		
Sand			63	70		
Red Rock			70	85		
Shale			85	94		
Sand			94	99		
Shale			99	108		
Sand			108	110		
Red Rock			110	115		
Sand			115	119		
Sandy Shale			119	145		
Red Rock			145	135		
Sand			185	195		
Shale			195	205		
Red Rock			205	260		
Sand			260	300		
Shale			300	325		
Sand			325	335		
Sandy Shale			335	350		
Shale			350	450		

02/16/2024

4875 CT027

Formation	Color	Kind of Esth	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale-Sand stringers			450	520		Good oil and gas show.
Sand			520	535		
Shale			535	600		
Sand			600	620		
Shale			620	660		
Sand			660	688		
Shale			688	774		
Sand			774	850		
Shale			850	1108		
Sandy Shale			1108	1265		
Shale			1265	1350		
Red Rock			1350	1430		
Sand			1430	1442		
Shale			1442	1475		
White Sand			1475	1480		
Sand			1480	1510		
Lime			1510	1530		
Sandy Lime			1530	1615		
Big Lime			1615	1678		
(Keener			1638	1660)		
Big Injun			1678	1732		
Shale			1732	1760		
Weir			1760	1903		
Shale			1903	2046		
Sandy development			2046	2116		
Shale			2116	2274		
Sandy shale			2274	2332		
Shale			2332	2512		
Bayard			2512	2540		
Shale			2540	2725		
				2725 =	T.D.	

02/16/2024

Date 13 May 1983

APPROVED

*Ken L. Smith*

Owner

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

MAR 31 1986

Permit No. 41-3284 (12-1-82) County Lewis  
Company Russell V Johnson Farm R + J Rathiff  
Inspector \_\_\_\_\_ Well No. 2  
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: 3-28-86

02/16/2024

IV-27  
11/23/81

RECEIVED  
SEP 7 - 1983



OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Date: September 7, 1983  
Well No: 2  
API NO: 47 - 041-3284  
State County Permit

### Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil \_\_\_ / Gas \* \_\_\_ Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production \_\_\_ / Storage \_\_\_ / Deep \_\_\_ / Shallow \* \_\_\_ /  
LOCATION: Elevation: \_\_\_ Watershed: Sleeth Run  
District: Freemans Creek County: Lewis Quadrangle: \_\_\_  
WELL OPERATOR Johnson Exploration Co. DESIGNATED AGENT Gai L. Smythe  
Address P.O. Drawer L Address Glenville, W. Va.  
Glenville, W. Va. 26351

The above well is being posted this 7th day of September, 1983, for a violation of Code 22-4-7.03 and/or Regulation \_\_\_\_\_, set forth in detail as follows:  
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Every well shall have stamped or attached in a permanent manner, the A.P.I. identification number, plainly visible to any interested person. 47-041-3284*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until September 15, 1983, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

[Signature]  
Oil and Gas Inspector  
Address 109 Minnich St.  
Weston, W. Va. 26452  
Telephone: 269-3820 **02/16/2024**

RECEIVED  
11/23/81  
10:27  
SEP 1 - 1983



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

# Oil and Gas Division NOTICE OF VIOLATION

Date: September 7, 1983  
Well No. S  
API No. 47 014-3284  
State County Permit

WELL TYPE: Oil  Gas  Liquid Injection  Waste Disposal   
Of "Gas" - Production  Storage  Deep  Shallow   
LOCATION: Elevation: \_\_\_\_\_  
Watershed: Steeth Run  
District: Freemans (County: Lewis)  
QUADRANGLE: \_\_\_\_\_  
WELL OPERATOR: Johnson Exploration Co.  
DESIGNATED AGENT: Carl L. Smythe  
Address: L. C. Unsworth  
Charlottesville, Va. 22971

The above well is being posted this 7th day of September, 1983, for a violation of Code 22-4-7, Unsound Regulation, set forth in detail as follows:  
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Every well shall have stamped on attached in a permanent manner, the A.P.I. identification number, clearly visible to any interested person. #7-41-3284

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.  
You are hereby granted until September 15, 1983, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

*[Signature]*

Oil and Gas Inspector  
Address: 109 Minnich St.  
Weston, Va. 22675  
Telephone: 529-3250

02/16/2024



**RECEIVED**  
SEP 27 1983

Date: September 23, 1983  
Operator's Well Number Loudin # 2  
API Well No.: 47 - 041 - 3284  
State County Permit

**OIL & GAS DIVISION  
DEPT. OF MINES STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION**

**NOTICE OF ABATEMENT**

WELL TYPE: Oil  / Gas  / Liquid Injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
If "Gas" - Production \_\_\_\_\_ / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow   
LOCATION: Elevation: 990 / Watershed: Steiths Run  
District: Freemans Creek / County: Lewis / Quadrangle: Vadis  
WELL OPERATOR Johnson Exploration Co / DESIGNATED AGENT Bai L Smythe  
Address \_\_\_\_\_ / Address P.O. Drawer 2  
Glenville W.V. 26351

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Sept 23, 19 83,  
The violation of Code § 7.03 heretofore found to exist on Sept 7, 19 83, by Form IV-27, "Notice of Violation"  / Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

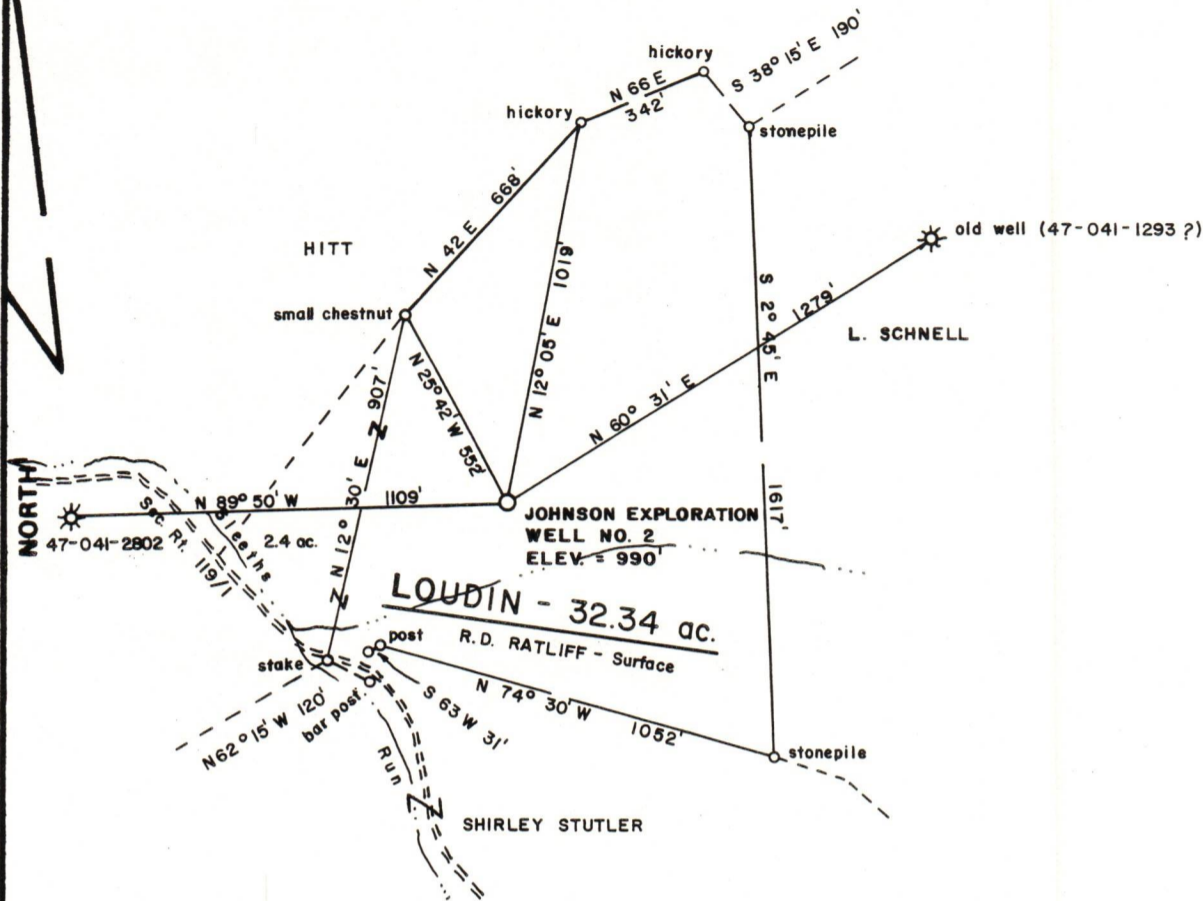
COMMENTS

*Please improve the drainage on this location so it doesn't wash gullies on the hillside below the well.*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Robert Bates 501  
Oil and Gas Inspector  
Address 109 Minnich St.  
Weston, W.V. 26452  
Telephone 269-3820

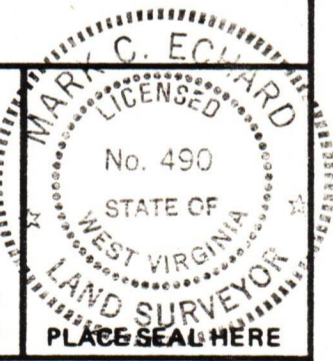
11/23/82



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 500 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION Junction of roads W of Location ELEV. = 847'

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.

*Mark C. Echard*  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490



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



DATE NOVEMBER 5, 1982  
 OPERATOR'S WELL NO. TWO  
 API WELL NO. \_\_\_\_\_  
47 - 041 - 3284  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 990' WATER SHED SLEETHS RUN  
 DISTRICT FREEMANS CREEK COUNTY LEWIS  
 QUADRANGLE VADIS 7.5'

SURFACE OWNER R.D. & J.M. RATLIFF ACREAGE 32.34 OF 75  
 OIL & GAS ROYALTY OWNER D. & M. LOUDIN, et al LEASE ACREAGE 32.34 OF 75  
 LEASE NO. \_\_\_\_\_

02/16/2024

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 BAYARD ESTIMATED DEPTH 2725'  
 WELL OPERATOR JOHNSON EXPLORATION DESIGNATED AGENT GAI L. SMYTHE  
 ADDRESS DRAWER "L" ADDRESS DRAWER 370  
GLENVILLE, W. VA. 26351 GLENVILLE, W. VA. 26351