

FILE COPY  
**RECEIVED**  
MAY 3 1 1984



1) Date: 5-29, 19 84  
2) Operator's Well No. Allison #1  
3) API Well No. 47 - 073 - 1843  
State County Permit

OIL & GAS DIVISION STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
**DEPT. OF MINES**  
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  / Gas   
B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 858 Watershed: TURKEY RUN O-57-F-1  
District: MCKIM County: PLEASANTS Quadrangle: SCHULTZ 7.5'
- 6) WELL OPERATOR BENATTY CORP. 7) DESIGNATED AGENT GERALD TOWNSEND  
Address P.O. BOX 25 CAMBRIDGE, OHIO 43125 Address 57H 3 GREEN ST. PARKERSBURG WEST VIRGINIA 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
Name ROBERT LOWTHER Name CLINT HURT ASS. INC.  
Address MIDDIEBOURN, WEST VIRGINIA Address P.O. BOX 1973 MIDLAND TEXAS. 79702
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) NONE
- 11) GEOLOGICAL TARGET FORMATION, MARCELLOUS
- 12) Estimated depth of completed well, 4100 feet
- 13) Approximate strata depths: Fresh, 150 feet; salt, 1625 feet.
- 14) Approximate coal seam depths: UNKNOWN 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	9 5/8	XJ	36	<input checked="" type="checkbox"/>		250	250	SURF. 150 SX	Kinds CLASS "A"
Fresh water									
Coal									Sizes
Intermediate	7	J55	20	<input checked="" type="checkbox"/>		1800	1800	150 SX	
Production	4 1/2	XJ	10.5	<input checked="" type="checkbox"/>		4100	4100	200 SX	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-073-1843 Date May 31, 19 84

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 May 31, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>ls</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>1124</u>
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*[Signature]*  
Administrator, Office of Oil and Gas

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



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

1) Well No. 0-27-F-1 Date 5-28-84

2) LOCATION: District MCKIM Elevation 828 Well No. 0-27-F-1

3) WELL OPERATOR: BENNETT CORP. Address P.O. Box 97 Cambridge, Ohio 43102

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Name ROBERT LAWNER Address Middletown, West Virginia

5) PROPOSED WELL WORK:  Drill depth  Redill  Summate  Perform new formation  Plug off old formation

6) GEOLOGICAL TARGET FORMATION: MARCELLUS

7) APPROXIMATE TRAP DEPTH: 100 feet

8) ESTIMATED DEPTH OF COMPLETED WELL: 4100 feet

9) COAL BEING TAPPED IN THE AREA: UNKNOWN

10) OTHER PHYSICAL CHANGE IN WELL (Specify): NONE

Casing or Tubing Type	Size	Length	Weight per ft.	SPECIFICATIONS		Footage Interval	Cement Fill-Up or Sacks (Gall. Lbs.)	Factors
				New	Use			
Production	4 1/2"	102'	10.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4100	200 SX	
Intermediate	7"	102'	20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1800	120 SX	
Conductor	9 7/8"	36'	36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	220	200 SX	Class A

OFFICE USE ONLY

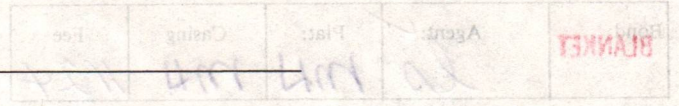
This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

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: \_\_\_\_\_



1) Date: 5-29, 19 84  
2) Operator's Well No. Allison #1  
3) API Well No. 47-073-1843  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name CHARLES DAVIS  
Address KING RIDGE RD.

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR NONE  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name NONE  
Address \_\_\_\_\_

Name NONE  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name NONE  
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 IV-2(B) (or Form IV-4 if the well is to be plugged, 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 IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-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 (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 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 Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-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 Administrator.

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MAY 31 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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 22-4-1-(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? Yes No

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

James B. Ronshausen,  
this 31 day of May, 1984.  
My commission expires 12-18, 1990.

WELL OPERATOR BENATTY CORP.

By [Signature]  
Its ATT. OF FACT  
Address 60437 STEWART RD.  
CAMBRIDGE, OHIO 43725  
Telephone 614-439-4219

Notary Public, [Signature] County,  
State of West Virginia

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 Office 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 § 22-4-1b(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 § 22-4-20.
- 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 § 22-4-1k 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a 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 § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
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#2281



IV-9  
(Rev 8-81)

DATE May 12, 1984  
WELL NO. Allison #1  
API NO. 47 - 073 - 1843

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME BENATTY CORP. DESIGNATED AGENT Jerry Townsend  
Address PO. BOX 75, Cambridge, OH 43725 Address 5th & Green St. Parkersburg, WV 26101  
Telephone 614 - 439-3109 Telephone 304-422-5449  
LANDOWNER Charles Davis SOIL CONS. DISTRICT Upper Ohio  
Revegetation to be carried out by Beard Exploration Inc. (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections  
and additions become a part of this plan: 5/18/84 (Date)  
Lenneth R Mann (SCD Agent)

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ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>N/A</u> Page Ref. Manual <u>2-12</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2-12</u>
Structure <u>Cross Drain</u> (B) Spacing <u>210'</u> Page Ref. Manual <u>2-1</u>	Structure <u>Sediment Barrier</u> (2) Material <u>Logs &amp; Brush</u> Page Ref. Manual <u>2-16</u>
Structure <u>Road Culvert</u> (C) Spacing <u>one 16"</u> Page Ref. Manual <u>2-7</u>	Structure _____ (3) Material _____ Page Ref. Manual _____

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 & II	Treatment Area III
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> 2 Tons/acre	Mulch _____ Tons/acre
Seed* <u>KY-31</u> 40 lbs/acre	Seed* _____ lbs/acre
<u>Redtop</u> 5 lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

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

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

PLAN PREPARED BY Smith Land Surveying Co.  
ADDRESS 111 South Street  
Glenville, WV 26351  
PHONE NO. 304-462-5634

02/16/2024



**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 22, Article 4 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 Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

**NOTE: You are not required to file any comment at all.**

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an 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 under 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 Administrator'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 Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator 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 Administrator.

**List of Water Testing Laboratories.** The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

02/16/2024

Surface Owner

THIS AGREEMENT, made and entered into the 7th day of JANUARY, 1984  
by and between HAIRD B. Allison (heir of Jonathan Allison)  
AND GENEVIEVE H. Allison, his wife

parties  
of the first part, hereinafter called the Lessor, and Beard Exploration Inc.  
Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasants County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:  
On the North by lands of J.L. Taylor  
On the East by lands of B.D. Ward  
On the South by lands of W.E. Eddy & R. VARNER  
On the West by lands of D. Boley  
Containing 76 acres, more or less, reserving, however, 200 feet from the EXISTING building now on the premises, on which no well shall be drilled by either party except by mutual consent.

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MAY 31 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

To have and to hold unto and for the use of the Lessee for the term of <sup>ONE</sup> ~~4~~ years from this date, and as long thereafter as the said land is operated by the Lessee in the search for or production of oil or gas, with the extension of term by payment of rentals as hereinafter set forth.

IN CONSIDERATION OF THE PREMISES the said Lessee covenants and agrees: 1st — To deliver to the credit of the Lessor, Their heirs or assigns, free of cost, in the pipe line to which said Lessee may connect its wells, a royalty of the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; 2nd — To pay the equal one-eighth (1/8) of all money received from sale of gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises, said payment to be made within sixty days after commencing to market the gas therefrom as aforesaid and to be paid each ~~three~~ one months thereafter while the gas from said well or wells is so marketed and used.

Said Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil or the delay rental payments hereinafter provided by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by said Lessor or Their predecessors in title or otherwise; and if the Lessor does not have title to all the oil and gas in the leased premises, there shall be refunded such part of all delay rental and gas well payments made by the Lessee under this lease, as shall be proportionate to the outstanding title, and payments thereafter to be made for such purposes shall be reduced in the same proportion.

The leased premises may be fully and freely used by the Lessor for farming purposes, excepting such parts as are used by Lessee in operating hereunder.

Prepared by:  
Peggy Coffman

02/16/2024

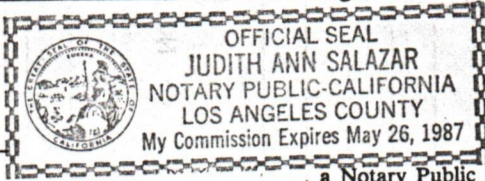




STATE OF ~~WEST VIRGINIA~~ <sup>California</sup>  
COUNTY OF LOS ANGELES

TO-WIT: I, JUDITH ANN SALAZAR, a Notary Public in and for said County and State, do certify  
that LAIRD B. ALLISON and GENEVIEVE N. ALLISON  
his wife, whose name are signed to the writing above, bearing date the 31st day of JANUARY  
19 84, have this day acknowledged the same before me in my said County.  
Given under my hand this 31st day of JANUARY, 19 84  
My Commission expires MAY-27, 1984

*Judith Ann Salazar*, Notary Public



STATE OF WEST VIRGINIA,  
COUNTY OF \_\_\_\_\_  
TO-WIT: I, \_\_\_\_\_, a Notary Public in and for said County and State, do certify  
that \_\_\_\_\_ and \_\_\_\_\_  
his wife, whose name \_\_\_\_\_ signed to the writing above, bearing date the \_\_\_\_\_ day of \_\_\_\_\_,  
19 \_\_\_\_\_, ha \_\_\_\_\_ this day acknowledged the same before me in my said County.  
Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.  
My Commission expires \_\_\_\_\_, Notary Public

STATE OF WEST VIRGINIA,  
COUNTY OF \_\_\_\_\_  
TO-WIT: I, \_\_\_\_\_, a Notary Public in and for said County and State, do certify  
that \_\_\_\_\_ and \_\_\_\_\_  
his wife, whose name \_\_\_\_\_ signed to the writing above, bearing date the \_\_\_\_\_ day of \_\_\_\_\_,  
19 \_\_\_\_\_, ha \_\_\_\_\_ this day acknowledged the same before me in my said County.  
Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.  
My Commission expires \_\_\_\_\_, Notary Public

STATE OF WEST VIRGINIA,  
COUNTY OF \_\_\_\_\_  
TO-WIT: I, \_\_\_\_\_, a Notary Public in and for said County and State, do certify  
that \_\_\_\_\_ and \_\_\_\_\_  
his wife, whose name \_\_\_\_\_ signed to the writing above, bearing date the \_\_\_\_\_ day of \_\_\_\_\_,  
19 \_\_\_\_\_, ha \_\_\_\_\_ this day acknowledged the same before me in my said County.  
Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.  
My Commission expires \_\_\_\_\_, Notary Public

STATE OF WEST VIRGINIA,  
COUNTY OF \_\_\_\_\_  
TO-WIT: I, \_\_\_\_\_, a Notary Public in and for said County and State, do certify  
that \_\_\_\_\_ and \_\_\_\_\_  
his wife, whose name \_\_\_\_\_ signed to the writing above, bearing date the \_\_\_\_\_ day of \_\_\_\_\_,  
19 \_\_\_\_\_, ha \_\_\_\_\_ this day acknowledged the same before me in my said County.  
Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.  
STATE OF WEST VIRGINIA, OFFICE OF THE CLERK OF THE PLEASANTS COUNTY COMMISSION,  
The foregoing paper writing was this day 4/27/84, at 3:10 pm presented for record in my office, and  
thereupon, together with the certificate thereto annexed, is admitted to record.

TESTE: *Freda W. Hammett*, Clerk  
Pleasants County Commission

C. & H. #82260-B

02/16/2024



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DEPARTMENT OF ENERGY OIL AND GAS DEPARTMENT OF ENERGY OIL AND GAS

IV-35  
(Rev 8-81)

Date February 19, 1986

State of West Virginia

Operator's

Well No. #1

FEB 21 1986

FEB 28 1986  
Department of Mines  
Oil and Gas Division

Farm Allison

API No. 47 - 073 - 1843

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 858 Watershed Turkey Run 0-57-F-1  
District: McKim County Pleasants Quadrangle Schultz

COMPANY Benatty Corp.

ADDRESS P.O. Box 75, Cambridge, Ohio

DESIGNATED AGENT Gerald Townsend

ADDRESS 5th & Green St., Parkersburg, W. Va.

SURFACE OWNER Charles Davis

ADDRESS St. Marys, W. Va.

MINERAL RIGHTS OWNER Allison Heirs

ADDRESS St. Marys, W. Va.

OIL AND GAS INSPECTOR FOR THIS WORK Robert  
Lowther ADDRESS Middlebourn, W. Va.

PERMIT ISSUED 5/31/84

DRILLING COMMENCED 6/8/84

DRILLING COMPLETED 6/14/84

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON N/A

Casing Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"			
9 5/8	210'	210'	75 sx
8 5/8			
7	1800'	1800'	150 sx
5 1/2			
4 1/2	4077'	4077'	225 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellous Depth 4100 feet

Depth of completed well 4100 feet Rotary X / Cable Tools

Water strata depth: Fresh 150 feet; Salt 1350 feet

Coal seam depths: None found Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Speechly-Balltown Pay zone depth 3746 feet

Gas: Initial open flow 238 Mcf/d Oil: Initial open flow trace Bbl/d

Final open flow 238 Mcf/d Final open flow trace Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 50 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.)

June 14, 1984  
DATE

DEPT. OF MINES

R. H. Lowther  
DISTRICT WELL INSPECTOR



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

RECEIVED

JUN 13 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 073-1843

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

Company <u>Bennally Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Cambridge</u>	Size			
Farm <u>Davis/Allison</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>McKim</u> County <u>Pleasant</u>	10	<u>210</u>	<u>210</u>	Size of _____
Drilling commenced <u>6-8-84</u>	8 1/4			
Drilling completed _____ Total depth <u>1840</u>	6%	<u>1800</u>	<u>1800</u>	Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>10'</u> feet <u>275</u> feet	CASING CEMENTED <u>9 5/8</u> SIZE <u>210</u> No. FT. <u>6984</u> Date			
Salt water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Contractor Clint Harte Rig 5

Remarks: 7" casing run 6-11-84 cemented by Halliburton

June 11, 1984  
DATE

R.A. Louther  
DISTRICT SUPERVISOR

02/16/2024



## R &amp; R DEVELOPMENT COMPANY

60437 Stewart Road

Cambridge, Ohio 43725

WELL:	Allison #1	PERMIT #:	1843
DIST:	McKim	COUNTY:	Pleasants
QUAD:	Schultz	WTRS:	Turkey Run
ELEV:	858	KB:	868
BASE LOG:	Birdwell 6/13/84	DEPTH LOGGER:	4132
DEPTH DRILLER:	4130	BTM. LOGGED:	4128
HOLE SIZE:	6-1/4"	TOP LOGGED:	200

## CASE HOLE DATA:

BASE LOG:	Birdwell 6/22/84	TYPE LOG:	CBL, GR, & CCL
PIPE:	4-1/2" 10.5# 5000# Test	FRAC VALVE:	D/30000X60000X4½
MAX TRT PRES:	3000 PSI	MIM TRT PRES:	2500 PSI
MIN RATE:	40 MMCFPM	MAX RATE:	80 MMCFPM
PBTD:	3775, Note: Plug floated but should not interfere with planned operation.		
TOC:	1700		
BAFFELS:	size	depth	PERF INTUL:
	2-7/8"	3679 KB	3736-46
	3"	3557	3668-78
	3-5/16"	3180	3506-16
	3-9/16"	2681.5	2990-3000
			2304-14

## PERFORATING DATA:

GUN TYPE	GUN OD	GRAM/W	EHD	PENATRATION
Tornado Jet-Link	2-1/8"	22.7	.41	8.52" = Stage #2
Hollow Steel/C	2"	6	.29	7.52" = Stage #2
Hollow Steel/C	3-1/8"	12	.36	12.37" = Stage #3
Hollow Steel/C	3-1/8"	12	.36	12.37" = Stage #4
Hollow Steel/C	3-1/8"	12	.36	12.37" = Stage #5

Note: Hollow steel carrier will be run W/Frac Ball-retriever

Note: All intvl to be perf W/4 JSPF 60<sup>0</sup> phasing 10' intvl.

## COMPLETION PROGNOSIS

1. MIRU Nowsco Continuous tubing truck, and circulate fluid out of casing to TD of 3775'.
  - A. MIRU Perfco Wire Line W/10,000# API Grease Head on top of Western's Frac Tree.
  - B. GIH W/2-1/8" Tornado Jet-Link W/4 JSPF Tornado aluminum Jet Perf.
  - C. Check 5 collars and short Jts. To get on depth and perf 3736-46 and P00H.
2. RU Western N2 Pumpers and energize W/800,000 SCF N2 W/1000 gal K1-PC-160 at 50,000 SCFPM and 2 BPM pump rate.
  - A. If acid is needed to break after pressuring up, pump 500 gal 15% acetic cut W/methanol.
3. RU and GIH W/2" Hollow steel carrier W/2-7/8" Frac Ball and retriever device installed.
  - A. Repeat above step C. and seat ball on baffle at 3679.
  - B. Pressure test to 3000 PSI for 5 min. if baffle holds equalize pressure to 5 min. shut in on first stage and

perf at 3668-78.

- C. After perforating seat ball on seat and pump 500 gal  
15% acetic acid break formation and repeat above step #2.
4. Repeat step 3 using 3-1/8" hollow steel carrier with Densie-Jet 12 4JSPF 60<sup>0</sup> phasing 10' interval using 3" frac ball and retriever device.
  - A. Repeat above step 1-C. and perf 3506-16.
  - B. B. Repeat steps 3-C.
  - C. Repeat steps 2.
5. Repeat step 3 using 3-1/8" hollow steel carrier with Densie-Jet 12 4JSPF 60<sup>0</sup> phasing 10' interval using 3-5/16" frac ball and retriever device.
  - A. Repeat above step 1-C. and perf 2990-3000.
  - B. Repeat steps 3-C.
  - C. Repeat steps 2.
6. Repeat step 3 using 3-1/8" hollow steel carrier with Densie-Jet 12 4JSPF 60<sup>0</sup> phasing 10' interval using 3-9/16" frac ball and retriever device.
  - A. Repeat step 1-C and perf 2304-14.
  - B. Repeat steps 3-C.
  - C. Repeat steps 2.



## R &amp; R DEVELOPMENT COMPANY

## FRAC REPORT

WELL: Allison #1  
 API#: 1843  
 5-Stage Frac

DATE: 6/28/84

TIME	BPM	PSIG	STG	CUM	SCF	NOTES
12:30 p.m.	4	0	1	-	-	Pump 500 gal. acid
12:33 p.m.			1			Acid in start cool down
1:04 p.m.	-	3600	1			Pres. test change valve
1:11 p.m.	-	3600	1			Pres. test OK
1:24 p.m.	0	3600	1			Pres. Test K2
1:26 p.m.	0	3000	1		40,000	Load Hole
1:28 p.m.	0	2800	1	80	40	Prep to break
1:32 p.m.	0	3000	1	88	8	
1:35 p.m.	0	3400	1	96	8	No break, let set 20 min.
3:43 p.m.	0	3400	1	96	8	Pres. test, prep to break
3:44 p.m.	0	3400	1	96	40	
3:46 p.m.	0	3500	1	149	10	
3:50 p.m.	0	3700	1	169	5	No break
4:00 p.m.	1	3800	1	169	0	Prep to dump 6Bbl. acid
4:04 p.m.	2	3900	1	169	0	Pump 4Bbl. acid & stress frac
8:35 a.m.	0	3400	1	209	40	Prep to break, load hole
8:36 a.m.	0	3800	1	219	5	
8:38 a.m.	0	3900	1	229	5	
8:54 a.m.	0	3900	1	309	5	Shut down, leave pressure, trying break

02/16/2024

Note: Pressured to 3900 PSI after spotting 500 gal. of 15% acetic acid at perf. and cannot get break. Made decision to break in petro-technology stress frac tool. Tool specifications are as follows:

TOOL	SIZE	LGTHS	STD CU.FT.	GEN. PSI
Stress frac tool	2"	12'	20,000	30,000

This tool will be suspended in mid-point of the perforations and detonated in hopes to gain entry and break formation. See perforation report for details of stress frac. After stress frac at 9:30 p.m. loaded hole with 40,000 standard feet of nitrogen and pressured to 3900 PSI. Formation still did not break. Discussed situation with Western Engineers on location and decided to shut down and reschedule job for 6/30/84.

#### Morning Report of 6/30/84.

Move in and rig up - Nowsco Well Service continuous tubing truck and spot and balanced 28%HCL at perforation. Rigged down and moved off locations..

TIME	BPM	PSIG	STG	CUM	SCF	NOTES
6/30/84:						
10:10 a.m.	0		1			Pressure test lines, prep to break
10:13 a.m.	0		1	10,000	10,000	Load hole
10:16 a.m.	0	3900	1	30,000	10,000	
10:23 a.m.	0	3500	1			
12:07 p.m.	0	3800	1	0	40	Pressure test OK
12:12 p.m.		3000		90	40	Load hole
12:14 p.m.	.5	2750		170	40	Break from 3000 to 2750 Start 1/2BB1 per min. K1-PC160
12:15 p.m.	.5			210	40	
12:20 p.m.	.5	2750	1	410	40	N2 - 100 <sup>0</sup> FH
12:25 p.m.	.5	2750	1	610	40	N2 - 100 <sup>0</sup> FH
12:30 p.m.	.5	2750	1	810	40	Cut K2 start flush
12:31 p.m.	0	2750	1	850	40	Cut N2 ISIP 1950, 5 min SI 1900
2:57 p.m.	2	1650	2	0	-	Drop 1.5Bbl. HCL & 6Bbl. acetic
3:02 p.m.	0	1500	2	0	20	Load hole
3:04 p.m.	0	2000	2	40	30	Break 2700-2600
3:06 p.m.	2	2500	2	100	40	Start K2

02/16/2024

TIME	BPM	PSIG	STG	CUM	SCF	NOTES
3:08 p.m.	2	2500	2	180	40	
3:10 p.m.	2	2500	2	260	40	
3:15 p.m.	2	2450	2	460	40	
3:20 p.m.	2	2450	2	660	40	K2 out
3:22 p.m.	0	2400	2	740	40	
3:24 p.m.	0	2400	2	820	40	N2 Out ISIP, 1980, 5min SI 1925
5:30 p.m.	.5	1650	3	0	0	Start K2 .5Bb1, HCL 3Bb1 and 6 acetic
5:35 p.m.	0	1650	3	0	20	
5:36 p.m.	0	2000	3	20	20	
5:38 p.m.	0	3000	3	40	40	
5:43 p.m.	0	3400	3	45	5	
6:01 p.m.	0	3600	3	60	5	
6:06 p.m.	2	2500	3	260	40	Start K2, Break 3600-2200
6:11 p.m.	2	2400	3	460	40	
6:16 p.m.	2	2400	3	660	40	K2 out
6:21 p.m.	2	2400	3	860	40	
6:22 p.m.	2	2400	3	940	40	N2 out ISIP 2000
7:36 p.m.	2	1800	4	0	0	Start K2-NCL3 acetic
7:38 p.m.	0	1800	4	0	0	Shut down for leak
7:48 p.m.	2	1800	4	0	0	Leak repaired
7:49 p.m.	0	1800	4	0	20	Acid in
7:51 p.m.	0	3000	4	60	20	Break 3000-2400
7:54 p.m.	2	2400	4	120	40	
7:56 p.m.	2	2350	4	200	40	
7:57 p.m.	2	2250	4	240	40	
8:00 p.m.	2	2200	4	360	40	
8:05 p.m.	2	2200	4	560	40	
8:10 p.m.	2	2200	4	760	40	

02/16/2024

TIME	BPM	PSIG	STG	CUM	SCF	NOTES
8:12 p.m.	0	2200	4	800	40	N2 out ISIP 1800
9:31 p.m.	2	1600	5	0		Pump 1 gal K2 & BB HCL
9:34 p.m.	0	3400	5	0	20	Start N2, Prep to break
9:36 p.m.	1	3000	5	40	20	Break 3400 - 2200
9:38 p.m.	1	1800	5	160	40	Start K2
9:39 p.m.	1	2200	5	200	40	
9:41 p.m.	1	2410	5	320	60	
9:44 p.m.	2	2500	5	500	60	
9:46 p.m.	2	2500	5	620	60	k1 Gone
9:48 p.m.	0	2500	5	740	60	
9:49 p.m.	0	2500	5	800	60	
9:50 p.m.	0	2500	5	860	60	N2 Gone ISIP 1900

AVG TRT PRES	RATE	BREAK	PERF. INTVL	ISIP	5MIN SI
Stage 1:					
2750	40,000	3000-2750	3736-46KB	1950	1900
Stage 2:					
2457.1	38,750	2700-2600	3668-78	1980	1925
Stage 3:					
2420	40,000	3600-2200	3506-16	2000	-
Stage 4:					
2257.1	35,500	3000-2400	2990-3000	1800	-
Stage 5:					
2362.5	48,000	3400-2200	2304-14	1900	-

Total N2 Pumped - 5 million st. cu. ft. 800,000 per stage.

Total Kerosene pumped and para-check 160 - 5,000 gals. - 1,000 gals. per stage.

Total acid pumped 2500 gals. of acetic, 15% cut w/methanol - 500 gals. per stage.

Total acid pumped 500 gals. of HCL, 100 gals. per stage. Spotted on perforations for break.

See Completion Prognosis dated 6/26/84 for Gunn specifications and perforating data pertaining to frac job.

02/16/2024

## R &amp; R DEVELOPMENT COMPANY

## PERF REPORT

5-Stage

Allison #1

6/28/84 STAGE 1 - RUN 1			6/30/84 STAGE 2 - RUN 2		
COLLARS	ADJ	OD	COLLARS	ADJ	OD
2896	+7'	2896	2896	-.4	2896
2884	0	2884.3	2884	0	2884
3517	0	3517	3517	+.3	3517
3505	0	3505	3505	0	3505.1
3720	0	3720.1	3679	0	3679
PERF	CCL TO TS	SHOOT	PERF	CCL TO TS	SHOOT
3736-46	6.5	3729.50K	3668-78	7.	3661

6/30/84 STAGE 3 - RUN 3			6/30/84 STAGE 4 - RUN 4		
COLLARS	ADJ	OD	COLLARS	ADJ	OD
2896	-2	2896	2896	-1	2896
2884	0	2884	2884	0	2884.1
3464+	0	3464.3	3098	0	3098.3
3517	0	3517	3058	0	3057.3
3505	0	3505	3017+	0	3017.1
PERF	CCL TO TS	SHOOT	PERF	CCL TO TS	SHOOT
3506-16	2.5	3503.5	2990-3000	2.5	2987.5

R & R DEVELOPMENT COMPANY  
 PERF REPORT

6/30/84  
 STAGE 5 - RUN 5

COLLARS	ADJ	OD	BAFFLE	STAGE	CCL TO BTM BALL	BFL SEAT
2642	-4	2642	1.3679	2	-19'	3660
2601	0	2601	2.3557	3	-18'	3539
2561	0	2561	3.3180	4	-18'	3162
2520	0	2520	4.2681.5	5	-18'	2663.5
2479	0	2479				
2438	0	2438				
2397	0	2397				
2356	-.2	2356				
2316	0	2315.1				
PERF	CCL TO TS	SHOOT				
2304-14	2.5	2301.5				

STRESS FRAC  
STAGE 1

MPP - 3741  
 Mp of tool - CCL 104.9'  
 Detonate 3636.1



RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

MAR 28 1986

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

(5-31-84)

COMPANY Benatty Corp  
P.O. Box 25  
Cambridge O 43725

PERMIT NO 47-073-1843  
FARM & WELL NO allison 1  
DIST. & COUNTY McKean pleasant

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 Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R.A. Lowther  
DATE Mar 26, 1986

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T.H. [Signature]  
-Oil & Gas Division

April 2, 1986

DATE

1981

RECEIVED  
COMMUNITY DEVELOPMENT  
FUND

MAR 28 1988

Office of Social Services  
Community Development  
Fund  
1000 ...  
...  
...

1000 ...  
...

Community Development  
Fund

...

...

...

...



086-2032

Violation No. V

VI-27

**RECEIVED**  
DEPARTMENT OF ENERGY  
OIL AND GAS



Date: Jan 29, 1986  
Well No: \_\_\_\_\_

API NO: 47 - 073 1843  
State County Permit

4400

JAN 31 1986

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
**NOTICE OF VIOLATION**

Well TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  Storage \_\_\_ / Deep \_\_\_ / Shallow

LOCATION: Elevation: 858 Watershed: Turkey Run  
District: Kim County: Pleasant Quadrangle: Schultz

WELL OPERATOR Benally Corp DESIGNATED AGENT Gerald Townsend  
Address P.O. Box 25 Address 5th & Green St  
Cambridge O. 43725 Parkersburg, W. Va. 26101

The above well is being posted this 29 day of Jan, 1986, for a  
violation of Code 22B-1-705 and/or Regulation \_\_\_\_\_, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to identify well by A. P. I number  
after completion of drilling*

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 Feb 5, 1986, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22B, Article 1.

Robert A. Lowther  
Oil and Gas Inspector

Address Middlebourne W. Va.  
26149

Telephone: 304-758-4764

RECEIVED  
TREATMENT ENERGY  
OIL AND GAS

FORM IV-31  
8-83

1-86-2089

Date: MAY 15 1986  
Operator's  
Well Number: 1  
API Well No.: AT 073-1843  
State: AT County: 073 Permit: 1843

MAR 18 1986

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

NOTICE OF ABATEMENT

WELL TYPE:  Oil  Gas  Liquid Injection  Waste disposal

LOCATION:  Production  Storage  Deep  Shallow

Elevation: 858 Watershed: ...

District: ... County: ...

WELL OPERATOR: ... Address: ...

DESIGNATED AGENT: ... Address: ...

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on May 15 1986 at ... The violation of Code 25B-1-1605 of that date has been totally abated. If the abated violation was found by Form IV-28, "Imminent Danger Order", such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Well Record Has been Filed

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.  
Oil and Gas Inspector: Robert A. ...  
Address: ...  
Telephone: 304-758-4764

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

FORM IV-30  
9-83

V 86-2032

MAR 18 1986

Date: Mar 12, 1986  
Operator's Well Number \_\_\_\_\_  
API Well No.: No. 47 - 073 - 1843  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OFFICE OF OIL AND GAS  
**ORDER FOR FAILURE TO ABATE VIOLATION**

WELL TYPE: Oil \_\_\_\_\_ / Gas  / Liquid Injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
If "Gas" - Production  / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow   
LOCATION: Elevation: 858 Watershed: Turkey Run  
District: Mc Tim County: Pleasant Quadrangle: Schultz  
WELL OPERATOR: Benally Corp  
Address: P.O. 250 Cambridge 043725  
DESIGNATED AGENT: Berald Townsend  
Address: 5th & Green St parkersburg W.Va. 26101

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on Mar 12, 19 86.  
The violation of Code 22B-1-7.05, heretofore found to exist on Jan 29, 19 86 by Form IV-27, "Notice of Violation" , Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

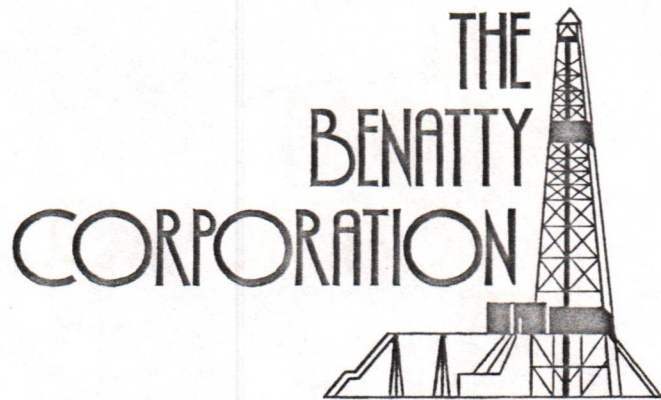
(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)  
*Failure to identify well by A.P.I. number*

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:  
\_\_\_\_\_ To continue cessation of operations until the imminent danger is fully abated.  
 To cease further operations until the violation has been fully abated.  
In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Robert A. Lowther  
Oil and Gas Inspector  
Address: Middletown  
W.Va. 26147  
Telephone: 304-758-4764

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

02/16/2024



January 31, 1986

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

FEB 3 1986

Douglas Galloway, Esq.  
Energy Unlimited, Inc.  
Route #3, Box 316-A  
Masonic Park Road  
Marietta, Ohio 45750

*Frite*  
*Plus-1843*

Re: State of West Virginia  
Violation No. V 86-2029

Dear Doug,

Enclosed you will find two (2) Violations received by us today,  
Certified Mail, from Robert Lowther, Middlebourne, West Virginia.

We would appreciate your immediate attention be given this matter.

With regards,

THE BENATTY CORPORATION

William E. Roll  
Land Manager

WER/ms

Enclosures

✓ cc: State of West Virginia

02/16/2024

THE  
BENNETT  
CORPORATION

Department of Energy

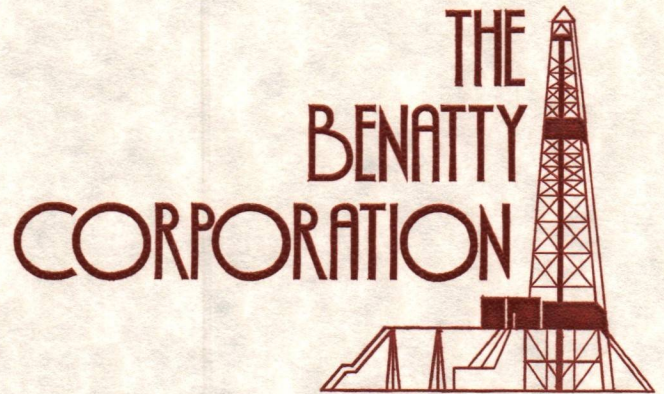
DEPARTMENT OF ENERGY  
OIL AND GAS

FEB 8 1968

02/16/2024

RECEIVED  
Commissioner's Office  
Department of Energy

FEB 6 1986



February 4, 1986

State of West Virginia  
Department of Mines  
Division of Oil and Gas  
1615 Washington Street, East  
Charleston, West Virginia 25311

Re: Violation V 86-2029 - API #47-073-1843

Dear Sir,

Please find enclosed, per the above Violation Notice by Mr. Robert A. Lowther, Oil and Gas Inspector, the Completion Report on the Allison #1, Permit No. 1843.

Should you need any additional information please feel free to contact our office.

With regards,

THE BENATTY CORPORATION

A handwritten signature in cursive script that reads "Wm. E. Roll".

William E. Roll  
Land Manager

WER/ms

Enclosure

cc: Mr. Robert A. Lowther  
Middlebourne, West Virginia

02/16/2024

THIS AGREEMENT, made and entered into the 7th day of JANUARY, 1984, by and between CHARLOTTE NICKLAW, heir of (Jonathan Allison) and GARY J. NICKLAW, her husband

parties of the first part, hereinafter called the Lessor, and Beard Exploration Inc. Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:

THIS AGREEMENT, made and entered into the 7th day of JANUARY, 1984, by and between HAZEL ROBERTS - (Heir of Jonathan Allison) and Samuel L. Roberts, her husband

parties of the first part, hereinafter called the Lessor, and Beard Exploration Inc. Cambridge, Ohio, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:

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THIS AGREEMENT, made and entered into the 7th day of JANUARY, 1984, by and between L. Diane Cunningham, single, Jonathan Allison's heir

parties of the first part, hereinafter called the Lessor, and Beard Exploration Inc. Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:

RECEIVED

On the North by lands of J.L. Taylor  
On the East by lands of B.D. Ward  
On the South by lands of W.E. Eddy & P. Varner  
On the West by lands of D. P. ...

THIS AGREEMENT, made and entered into the 7<sup>th</sup> day of JANUARY, 1984  
by and between Russell L. Pritchett, (heir of Jonathan Allison)  
AND Erin Pritchett, his wife

parties  
of the first part, hereinafter called the Lessor, and Beard Exploration Inc.  
Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:  
On the North by lands of J.L. Taylor  
On the East by lands of B.D. Ward  
On the South by lands of W.E. Eddy & R. Varner

RECEIVED  
MAY 31 1984

THIS AGREEMENT, made and entered into the 7<sup>th</sup> day of JANUARY, 1984  
by and between Lorena M. Earlewine (heir of Jonathan Allison)  
(widow)

parties  
of the first part, hereinafter called the Lessor, and Beard Exploration Inc.  
Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:  
On the North by lands of J.L. Taylor

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THIS AGREEMENT, made and entered into the 7<sup>th</sup> day of JANUARY, 1984  
by and between Lucile K. Golden, (heir of Jonathan Allison)  
(Widow)

parties  
of the first part, hereinafter called the Lessor, and Beard Exploration Inc.  
Cambridge Ohio, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in McKim District, Pleasant County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows:

02/16/2024



THIS AGREEMENT, made and entered into the 7<sup>th</sup> day of JANUARY, 1984 by and between JUD. R. CUNNINGHAM, (heir of Jonathan Allison) AND Lilly J. Cunningham, his wife

parties of the first part, hereinafter called the Lessor, and Beard Exploration Inc. Cambridge, Ohio 43725, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in MCKIN District, Pleasants County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows: On the North by lands of J.L. Taylor On the East by lands of B.D. WARD On the South by lands of W.E. Eddy & R. VARNER On the West by lands of D. Boley Containing 76 acres, more or less, reserving, however, 200 feet from the existing building now on the premises, on which no well shall be drilled by either party except by mutual consent.

RECEIVED MAY 31 1984 OIL & GAS DIVISION DEPT. OF MINES

THIS AGREEMENT, made and entered into the 7<sup>th</sup> day of JANUARY, 1984 by and between JAMES PRITCHETT - (heir of Jonathan Allison) single

parties of the first part, hereinafter called the Lessor, and Beard Exploration Inc. Cambridge, Ohio, party of the second part, hereinafter called the Lessee.

Witnesseth, That the Lessor in consideration of One Dollar (\$1.00) in hand paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, hereby grants and warrants generally the title to all the oil and gas in and under, and grants, demises and leases with covenants of quiet possession, and of sole right to convey, all that certain tract of land hereinafter described, for the sole and only purpose of operating for and producing oil and gas, together with the rights of way and servitudes for pipe lines, structures, plants, drips, tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economic operation, including the drilling of wells, of this land for oil and gas, with the right to use free oil, gas and water for such purposes and with the right of removing either during or after the term hereof all and any property and improvements placed or erected on the premises by Lessee; also with the right of operating as one entire tract, or subdividing the premises situate in MCKIN District, Pleasants County, and State of West Virginia, on the waters of Turkey Run bounded and described as follows: On the North by lands of J.L. Taylor On the East by lands of B.D. WARD On the South by lands of W.E. Eddy & R. VARNER On the West by lands of D. Boley Containing 76 acres, more or less, reserving, however, 200 feet from the existing building now on the premises, on which no well shall be drilled by either party except by mutual consent.

RECEIVED MAY 31 1984 OIL & GAS DIVISION DEPT. OF MINES

To have and to hold unto and for the use of the Lessee for the term of ONE years from this date, and as long thereafter as the said land is operated by the Lessee in the search for or production of oil or gas, with the extension of term by payment of rentals as hereinafter set forth.

IN CONSIDERATION OF THE PREMISES the said Lessee covenants and agrees: 1st - To deliver to the credit of the Lessor, their heirs or assigns, free of cost, in the pipe line to which said Lessee may connect its wells,

# Assignment Oil and Gas Lease

Whereas, On the Seventh day of January, 1984, a certain oil and gas mining lease was made and entered into by and between Dessie Allison, Ralph T. Allison & Margaret Allison His Wife. and the other Jonathan Allison Heirs as set forth in the Supplemental Certificate of Title Dated May 1 1984. Lessor and Beard Exploration Inc. Cambridge, Ohio 43725 Lessee

covering the following described land in the county of Pleasants, District of McKim and State of West Virginia to-wit: Bounded and described as follows.

On the North by lands of J.L. Taylor  
On the East by lands of B. D. Ward  
On the South by lands of W. E. Eddy and R. Varner  
On the West by lands of D. Boley  
Containing 76 Acres, more or less  
The lease is shown in attached platt.

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MAY 31 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

Said lease being recorded in the office of the Register of Deeds of said County, in Liber 193 Page 291- and 293-296-299-302-305-308-311-314 and 317.

WHEREAS, The said lease and all rights thereunder or incident thereto are now owned by Beard Exploration Inc. 60437 Stewart Road, Cambridge, Ohio 43725

NOW THEREFORE, For and in consideration of one dollar (and other good and valuable considerations), the receipt of which is hereby acknowledged, the undersigned, the present owner s of the said lease and all rights thereunder or incident thereto, do es hereby bargain, sell, transfer, assign and convey seventy five percent (75%) of the right, title and interest of the original lessee and present owner s in and to said lease and rights thereunder insofar as it covers the above described lease.

together with all personal property used or obtained in connection therewith unto The Renatty Corporation P.O.Box 75, Cambridge, Ohio 43725

and its heirs, successors and assigns. And for the same consideration, the undersigned for them and their representatives do s covenant with the said assignee, their heirs, successors or assigns that they the lawful owners of the said lease and rights and interests thereunder and of the personal property thereon or used in connection therewith; that the undersigned has good right and authority to sell and convey the same, and that the said rights, interest and property are free and clear from all liens and encumbrances, and that all rentals and royalties due and payable thereunder have been duly paid, and all conditions necessary to keep the same in full force have been duly performed; and that the assignor will warrant and forever defend the same against all persons whomsoever, lawfully claiming or to claim same.

IN WITNESS WHEREOF, the undersigned owner and assignor has signed and sealed this instrument this 21st day of May, 1984

WITNESS

William T. Nicholson  
Robert W. Schmitt  
Robert W. Schmitt  
Robert W. Schmitt

BEARD EXPLORATION, INC. (SEAL)  
02/16/2024 (SEAL)  
X (SEAL)  
Brent Ronshausen, President (SEAL)  
X (SEAL)  
Fred B. Schmidt, Secretary (SEAL)  
Treasurer

OIL AND GAS LEASE

BOOK 193 PAGE 291

AN AGREEMENT MADE THIS 7th day of JANUARY 1984 between Dessie Allison, Ralph T. Allison, Margaret Allison, his wife of the St. Marys County of Pleasants and State of West Virginia Lessor, and Beard Exploration Inc. of Cambridge State of Ohio Lessee

WITNESSETH: That the Lessor, in consideration of Five \$5.00 Dollars, the receipt of which is hereby acknowledged, and of other valuable consideration does hereby demise and grant unto the lessee their heirs, or assigns, all the oil and gas in and under the following described tract of land, and also the said tract of land for the purpose and with the exclusive right of operating thereon for said oil and gas, together with the right-of-way, the right to lay pipes over, and to use water from said premises, and also the right to erect, or remove, at any time, all property placed there by the lessee, which tract of land is situated in McKim District of Pleasants County and State of West Virginia and bounded and described as follows, to-wit;

THE RIGHT TO REMOVE PROPERTY PLACED ON THE PREMISES BY LESSEE ENDS TWO YEARS AFTER SURRENDER OF THIS LEASE North by lands of J. L. Taylor East by lands of B. M. WARD & Turkey Run Rd. South by lands of W. E. Eddy and R. VARNER West by lands of D. Beley (Pethel) & King Ridge Rd. containing 76 acres, more or less.

To have and to hold the same unto the lessee their heirs and assigns for the terms and period of One years from the date hereof, and as much longer as oil or gas is found in paying quantities thereon, yielding and paying to the lessor the 1/8 part of all the oil produced and saved from the premises, delivered free of expense into tanks or pipe lines to the lessor's credit, and should any well produce gas in sufficient quantities to justify the marketing, the lessor shall be paid at the rate of 1/8 as long as the gas therefrom is sold.

In case no well shall be commenced on the above described premises within One (1) year from the date hereof, this lease shall become null and void, and without any further effect whatever. ONE WELL WILL HOLD 1/2 THIS TRACT OF LAND Lessee agrees to pay the Lessor a rental of \$ 40.00 PER ACRE Payments from the product marketd from said premises, to be made within sixty days after commencing to market the gas or oil therefrom as aforesaid and to be paid each month thereafter. ANY ASSIGNMENT OF THIS LEASE TO HOFFMAN OIL AND GAS INC WILL MAKE THIS LEASE NULL AND VOID

AND IT IS FURTHER AGREED, that the lessor, in consideration of the agreements of the lessee herein contained, agreed that the lessee, his heirs or assigns, may at any time surrender up this lease, by delivering same back to the lessor, his heirs or assigns, endorsed with a surrender thereof, signed by him, and forever discharged and released from all moneys due or to become due and from all obligations accrued or to accrue under this lease, and thereupon this lease shall be and remain null and void, and of no further effect, and whatever moneys shall have been received by the lessor herein shall be retained by him.

NO DRILLING WITHIN 200 FT OF EXSISTING BUILDINGS WITHOUT LAND & WATER CONSENT All pipe lines shall be buried below plow depth. Surface owner shall receive free of cost 200,000 cu. ft. of GAS PER YEAR AS long AS SAID lease is in force. Lessee shall not be responsible for said hookup or lines to dwellings. LESSOR shall not be held liable for ANY death injury OR ACCIDENTS due to ANY drilling operation on said premises.

IN WITNESS WHEREOF, the said parties have hereunto set their hands and seals, the day and year first above written.

Signed, sealed and delivered in the presence of WITNESS: [Signatures]

x Dessie Allison (SEAL) Ralph T. Allison (SEAL)

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OIL & GAS DIVISION DEPT. OF MINES

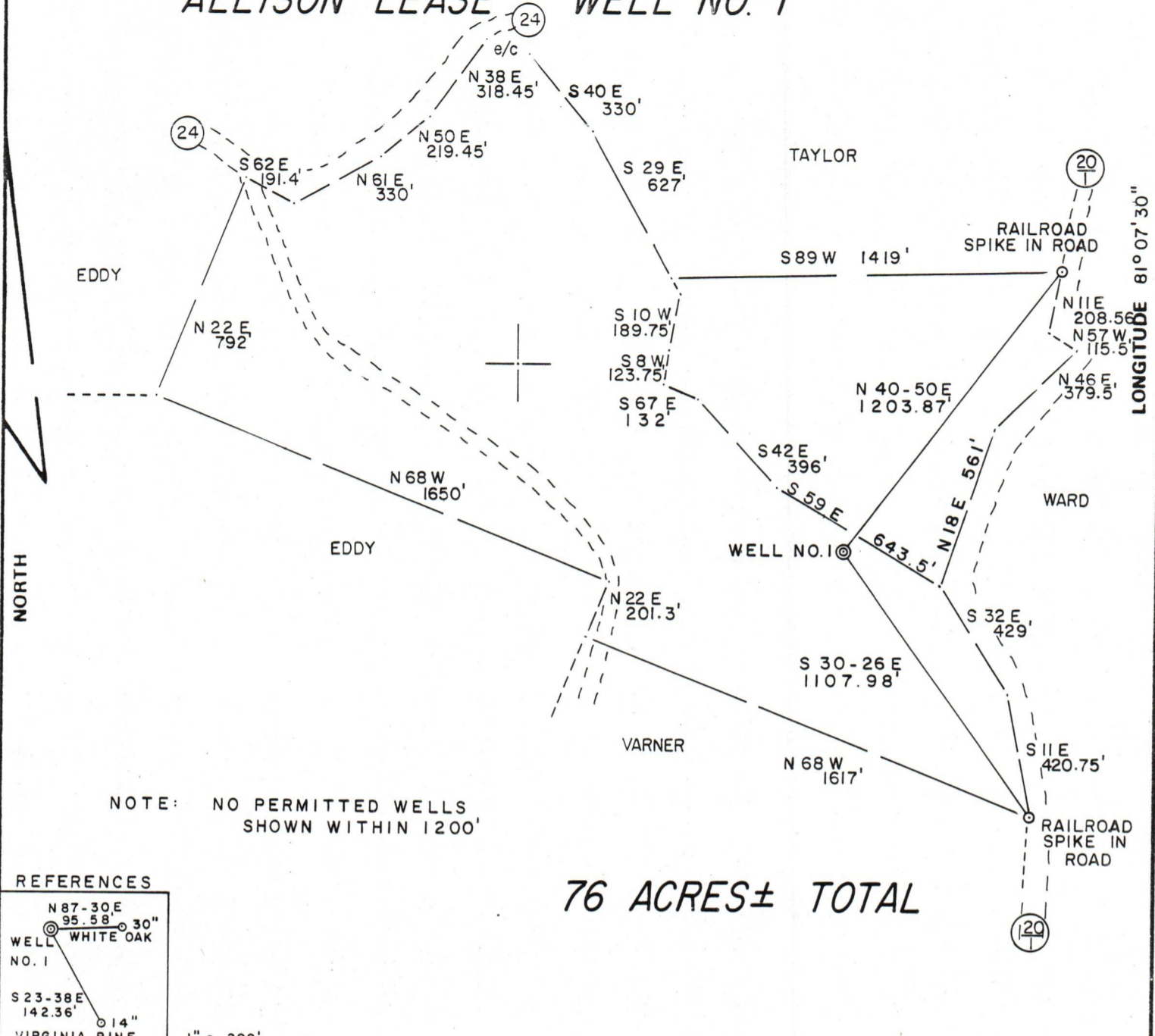
02/16/2024

# ALLISON LEASE WELL NO. 1

LATITUDE 39°22'30"

8,640'

LONGITUDE 81°07'30"



NOTE: NO PERMITTED WELLS SHOWN WITHIN 1200'

76 ACRES± TOTAL

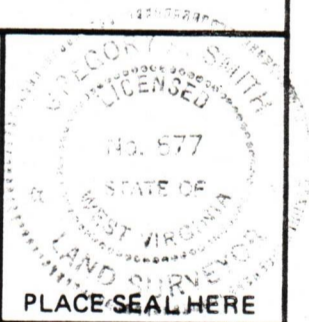
REFERENCES



1" = 200'

FILE NO. 13 - 40  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
ELEV. 1074'

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) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677



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



DATE MAY 15, 19 84  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_  
47 - 073 - 1843  
 STATE COUNTY PERMIT

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 858' WATER SHED TURKEY RUN  
 DISTRICT McKIM COUNTY PLEASANTS  
 QUADRANGLE SHULTZ 7.5'  
 SURFACE OWNER CHARLES DAVIS, et. ux. ACREAGE 76  
 OIL & GAS ROYALTY OWNER DESSIE M. ALLISON, et. al. LEASE ACREAGE 76 02/16/2024  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5050'  
 WELL OPERATOR BENATY CORP. DESIGNATED AGENT JERRY TOWNSEND  
 ADDRESS PO BOX 75 ADDRESS 5th & GREEN ST.  
CAMBRIDGE, OH 43725 PARKERSBURG, WV 26101



1) Date: 5-29, 1984  
 2) Operator's Well No. ALLISON #1  
 3) API Well No. 47 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )

5) LOCATION: Elevation: 252 Watershed: TURKEY RUN 0-57-F-1  
 District: MCKIM County: PUTNAM Quadrangle: SCHULTZ 2.5'

6) WELL OPERATOR PEMATY CORP 7) DESIGNATED AGENT OSCAR THOMPSON  
 Address P.O. Box 25, Cambridge, W. Va. 26101 Address 107 GREEN ST., WASHINGTON, WEST VIRGINIA 26101

8) OIL & GAS INSPECTOR TO BE NOTIFIED Name ROBERT L. WITACEK 9) DRILLING CONTRACTOR: Name CLAYTON 355, INC.  
 Address MILWAUKEE, WEST VIRGINIA Address P.O. Box 1375, DURHAM, NORTH CAROLINA 27702

10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) NONE

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 OIL & GAS DIVISION  
 DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, MARCELLUS  
 12) Estimated depth of completed well, 4100 feet  
 13) Approximate trata depths: Fresh, 150 feet; salt, 1625 feet.  
 14) Approximate coal seam depths: 1625 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		Kinds	Sizes
Conductor	9 7/8	XJ	36	<input checked="" type="checkbox"/>		250	250	455	15 3/4	0"
Fresh water										
Coal										
Intermediate	7	155	30	<input checked="" type="checkbox"/>		1800	1800	15 3/4		
Production	4 1/2	XJ	10.5	<input checked="" type="checkbox"/>		4100	4100	200 3/4		
Tubing										
Liners										

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 for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-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.)  
 NAME: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

(For execution by natural persons)  
 x Charles E. Davis Date: \_\_\_\_\_  
 (Signature)  
 x Inez L. Davis Date: \_\_\_\_\_  
 (Signature)



**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 22, Article 4 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 Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

**NOTE: You are not required to file any comment at all.**

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an 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 under 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 Administrator'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 Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator 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 Administrator.

**List of Water Testing Laboratories.** The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

02/16/2024  
Surface Owner



4354 4355 4356 4357 4358  
FINCH 3.4 MI.  
PIKE (U.S. 50) 5.4 MI.  
320 000  
FEET  
39°22'30"

02/16/2024

**RECEIVED**

MAY 3 1 1964

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

02/16/2024



IV-35  
(Rev 8-81)

RECEIVED RECEIVED  
DEPARTMENT OF ENERGY OIL AND GAS  
DEPARTMENT OF ENERGY OIL AND GAS



Date February 19, 1986

Operator's Well No. #1  
Farm Allison  
API No. 47 - 073 - 1843

FEB 21 1986

FEB 28 1986  
Department of Mines  
Oil and Gas Division

State of West Virginia

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 858 Watershed Turkey Run 0-57-F-1  
District: McKim County Pleasants Quadrangle Schultz

COMPANY Benatty Corp.

ADDRESS P.O. Box 75, Cambridge, Ohio

DESIGNATED AGENT Gerald Townsend

ADDRESS 5th & Green St., Parkersburg, W. Va.

SURFACE OWNER Charles Davis

ADDRESS St. Marys, W. Va.

MINERAL RIGHTS OWNER Allison Heirs

ADDRESS St. Marys, W. Va.

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourn, W. Va.

PERMIT ISSUED 5/31/84

DRILLING COMMENCED 6/8/84

DRILLING COMPLETED 6/14/84

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON N/A

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8	210'	210'	75 sy
8 5/8			
7	1800'	1800'	150 sx
5 1/2			
4 1/2	4077'	4077'	225 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellous Depth 4100 feet

Depth of completed well 4100 feet Rotary X / Cable Tools

Water strata depth: Fresh 150 feet; Salt 1350 feet

Coal seam depths: None found Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Speechly-Balltown Pay zone depth 3746 feet

Gas: Initial open flow 238 Mcf/d Oil: Initial open flow trace Bbl/d

Final open flow 238 Mcf/d Final open flow trace Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 50 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

02/16/2024

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)

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

2304-2314	40 shots	12.37" penetration
2990-3000	40 shots	12.37" penetration
3506-3516	40 shots	12.37" penetration
3668-3678	40 shots	7.52" penetration
3736-3746	40 shots	8.52" penetration

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all and salt water, coal, oil and
BIG LIME			1573	1638	
BIG INJUN			1724	1805	
SQUAW			1826	1841	
BEREA (Equivalent)			2194	2202	
GORDON SILTSTONE			2585	2593	
T. D.		4 1 3 2			
0-100	Soil				
100-200	Shale				
200-380	Shale Gray				
380-402	Sand				
402-942	Siltstone				
942-950	Sandstone				
950-1120	Shale				
1120-1138	Sand				
1138-1220	Shale				
1220-1243	Sand				
1243-1348	Siltstone				
1348-1402	Sand				
1402-1510	Shale				
1510-1532	Sand				
1532-1573	Shale				
1573-1638	Limestone "Big Lime"				
1638-1724	Shale				
1724-1805	Sand "Big Injun"				
1805-1826	Shale				
1826-1841	Sand "Squaw"				
1841-2194	Shale				
2194-2202	Sand "Berea"				
2202-2585	Shale				
2585-2593	Siltstone "Gordon"				
2593-3660	Shale				
3660-3700	Siltstone				
3700-T. D.	Shale				

(Attach separate sheets as necessary)

Benatty Corp.

Well Operator

By:

*W.M.E. Bell*

02/16/2024

Date:

February 19, 1986

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 coal, encountered in the drilling of a well."





FORM IV-31  
9-83

V 86-2029

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

Date: Mar 12, 1986  
Operator's 1  
Well Number \_\_\_\_\_  
API Well No.: 47 - 073 - 1843  
State County Permit

MAR 18 1986

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 \_\_\_\_\_ / Underground \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow   
LOCATION: Elevation: 858 Watershed: Turkey Run  
District: McKim County: Pleasant Quadrangle: Schultz  
WELL OPERATOR Benally Corp DESIGNATED AGENT Gerald Townsend  
Address P.O. Box 25 Address 5th Green St  
Cambridge 0143725 Parkersburg W. Va. 26101

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Mar 12, 1986.  
The violation of Code § 22B-1-16.02 heretofore found to exist on Jan 29, 1986, 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

well Record Has been Filed

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 A. Lowther  
Oil and Gas Inspector  
Address Middlebourn  
W. Va. 26149  
Telephone 304-758-4764

186-2059

MAR 18 1986

RECEIVED  
DEPARTMENT OF MINES, OIL AND GAS

Date: MAR 15 1986  
Operator's  
Well Number  
API Well No. 47  
State VA County SP Permit

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

NOTICE OF ABATEMENT

WELL TYPE: Oil Gas Liquid Injection Waste disposal

LOCATION: Underground Storage Deep Shallow

Elevation: 258 Watershed: Shelburne

WELL OPERATOR: Shelburne County: Shelburne

DESIGNATED AGENT: Shelburne Address: Shelburne

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on March 15, 1986. The violation of Code § 22B-1-1005 of that state has been totally abated. If the abated violation was found by Form IV-28, "Imminent Danger Order", such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Well Record Has been Filed

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.  
Oil and Gas Inspector: Richard A. ...  
Address: ...  
Telephone: ...

Violation No. 86-2029  
**RECEIVED**  
VI-2 DEPARTMENT OF ENERGY  
OIL AND GAS



Date: Jan 29, 1986  
Well No: 1  
API NO: 47-073 1843  
State County Permit

**JAN 31 1986**

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
**NOTICE OF VIOLATION**

4400

Well TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  Storage \_\_\_ / Deep \_\_\_ / Shallow   
LOCATION: Elevation: 858 Watershed: Turkey Run  
District: mckim County: pleasant Quadrangle: Schultz  
WELL OPERATOR Benally corp DESIGNATED AGENT Berald Townsend  
Address P.O. Box 25 Address 5th Green St  
Cambridge O 43725 Parkersburg W. Va. 26101

The above well is being posted this 29 day of Jan, 1986, for a violation of Code 22B-1-~~10~~<sup>22</sup> and/or Regulation \_\_\_\_\_, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to File well Record within 90 days after completion of Drilling*

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 Feb 5, 1986, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22B, Article 1.

Robert A. Lowther  
Oil and Gas Inspector  
Address Middlebourne  
W. Va. 26149

Telephone: 304-758-4764

02/16/2024



RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

84-5059

JAN 31 1986

4400

DATE: Jan 27 1986  
WELL NO: 1  
APR NO: 053 1843  
STATE COUNTY: Putnam

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
NOTICE OF VIOLATION

WELL TYPE:  Oil  Gas  Steam  
PRODUCTION:  Yes  No  
WELL NO: 1843  
WELL NAME: Turkey Run  
OPERATOR: Putnam  
ADDRESS: Putnam  
CITY: Putnam  
COUNTY: Putnam  
STATE: West Virginia

Failure to file well record within 90 days  
after completion of drilling

Robert A. ...

Michelle ...  
No. 0649

304-738-4744

02/16/2024



086-2032

Violation No. V

VI-27

**RECEIVED**  
DEPARTMENT OF ENERGY  
OIL AND GAS



Date: Jan, 29, 1986  
Well No: \_\_\_\_\_

API NO: 47 - 073 1843  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
**NOTICE OF VIOLATION**

JAN 31 1986

4400

Well TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  Storage \_\_\_ / Deep \_\_\_ / Shallow

LOCATION: Elevation: 858 Watershed: Turkey Run  
District: mykim County: pleasant Quadrangle: Schultz

WELL OPERATOR Benally corp DESIGNATED AGENT Gerald Townsend  
Address P.O. Box 251 Address 5th & Green St  
Cambridge O. 43725 Parkersburg W. Va. 26101

The above well is being posted this 29 day of Jan, 1986, for a violation of Code 22B-1-7.05 and/or Regulation \_\_\_\_\_, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to identify well by A. P. I number*

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 Feb 5, 1986, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22B, Article 1.

Robert A. Lowther  
Oil and Gas Inspector

Address Middlebourne W. Va.  
26149

Telephone: 304-758-4764

02/16/2024

086-0035



RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

Violation

VI-27

Jan 31 1986

APR 11 - 073 1843  
STATE COUNTY PERMITS

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
NOTICE OF VIOLATION

JAN 31 1986

Handwritten mark

Well Type: Oil  Gas  Liquid Injection  Waste Disposal   
Of "Gas" - Production  Storage  Deep  Shallow   
Location: Elevation: 858 Water-shed: Turkey Run  
District: Wayne County, West Virginia  
Well Operator: Bonville Corp  
Address: P.O. Box 257  
Cambridge, O. 43725  
The above well is being posted on 29 day of Jan 1986 for a violation of Code 22B-1-75 and/or Regulation (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to identify well by A. P. I number

A copy of this notice has been posted at the well site and sent by registered mail to the indicated well operator or his designated agent. You are hereby granted until Feb 5 1986 to abate this violation. Failure to abate the violation may result in action by the Department under Code 22B, Article 1.

Robert A. Jambler  
Oil and Gas Inspector

Address: Middleboro, W. Va.  
51149

Telephone: 304-738-4764

02/16/2024

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

INSPECTOR'S WELL REPORT

Permit No. 073-1843

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

Company Benally Corp  
Address Cambridge O  
Farm allison  
Well No. 1  
District mckim County pleasant  
Drilling commenced \_\_\_\_\_  
Drilling completed 6-14-84 Total depth \_\_\_\_\_  
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

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

Remarks:

RECEIVED

JUN 18 1984

OIL & GAS DIVISION  
DEPT. OF MINES

June 14, 1984  
DATE

R. A. Lowther  
DISTRICT WELL INSPECTOR

02/16/2024

Form 26  
2/16/82

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 \_\_\_\_\_

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

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

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

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

02/16/2024  
DISTRICT WELL INSPECTOR

#2281



IV-9  
(Rev 8-81)

DATE May 12, 1984

WELL NO. Allison #1

State of West Virginia API NO. 47-073-1843

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME BENATTY CORP. DESIGNATED AGENT Jerry Townsend

Address PO. BOX 75, Cambridge, OH 43725 Address 5th & Green St. Parkersburg, WV 2610

Telephone 614-439-3109 Telephone 304-422-5449

LANDOWNER Charles Davis SOIL CONS. DISTRICT Upper Chio

Revegetation to be carried out by Beard Exploration Inc. (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: 5/18/84 (Date)

Kenneth R. Mann  
(SCD Agent)

RECEIVED  
MAY 31 1984

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>N/A</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Cross Drain</u> (B)	Structure <u>Sediment Barrier</u> (2)
Spacing <u>210'</u>	Material <u>Logs &amp; Brush</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>2-16</u>
Structure <u>Foad Culvert</u> (C)	Structure _____ (3)
Spacing <u>one 16"</u>	Material _____
Page Ref. Manual <u>2-7</u>	Page Ref. Manual _____

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 & II	Treatment Area III
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> 2 Tons/acre	Mulch _____ Tons/acre
Seed* <u>KY-31</u> 40 lbs/acre	Seed* _____ lbs/acre
<u>Redtop</u> 5 lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

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

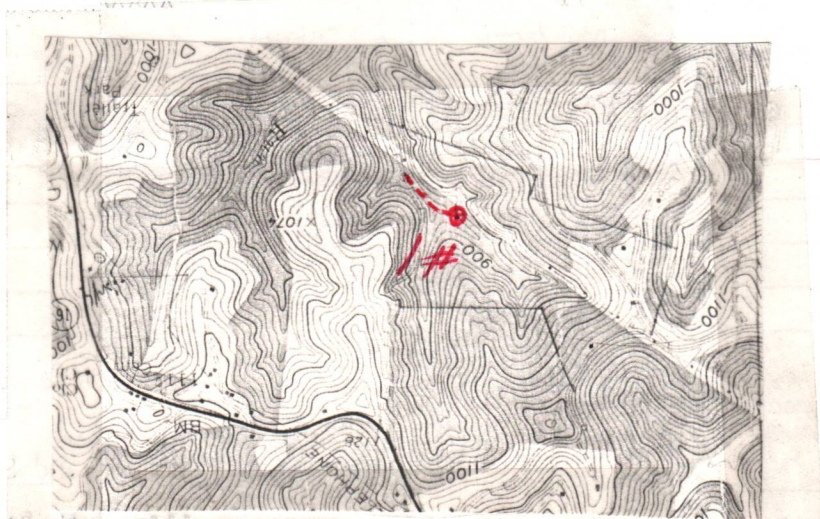
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Smith Land Surveying Co. ADDRESS 111 South Street  
Glenville, WV 26351 PHONE NO. 304-462-5634

02/16/2024

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Shultz 7.5'

02/16/2024



WELL SITE PLAN

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

LEGEND

<p>Property boundary</p> <p>Road</p> <p>Existing fence</p> <p>Planned fence</p> <p>Stream</p> <p>Open ditch</p>	<p>Division</p> <p>Spring</p> <p>Wet spot</p> <p>Building</p> <p>Drain pipe</p> <p>Waterway</p>
---	---

LEGEND

<p>Well site</p> <p>Access Road</p>
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