

RECEIVED

AUG 13 1984



1) Date: August 6, 19 84

2) Operator's Well No. 2-972

3) API Well No. 47-085 - 3928-DD State County Permit

Formerly 47-085-3928

OIL & GAS DIVISION DEPT. OF MINES

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

- 4) WELL TYPE: A Oil / Gas X / B (If "Gas", Production X / Underground storage / Deep / Shallow X)
5) LOCATION: Elevation: 1070' Watershed: Lynncamp Run LKH10DD District: Clay County: Ritchie Quadrangle: Pullman
6) WELL OPERATOR Carnegie Natural Gas Co. 7) DESIGNATED AGENT J. C. Stephenson
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel Hersman
9) DRILLING CONTRACTOR: Name Fluharty Enterprises, Inc.
10) PROPOSED WELL WORK: Drill deeper X / Redrill / Stimulate X
11) GEOLOGICAL TARGET FORMATION, Alexander
12) Estimated depth of completed well, 5360 feet
13) Approximate trata depths: Fresh, Behind Pipe feet; salt, None feet.
14) Approximate coal seam depths: 280' - 282'; 784' - 787' Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

\*Existing Pipe In Well

OFFICE USE ONLY DRILLING PERMIT

Permit number 47-085-3928-DD

September 10, 19 84 Date

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.

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires September 10, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Table with columns: Bond: 32, Agent: MW, Plat: MW, Casing: MW, Fee: 147-578

Margaret J. Hasse Administrator, Office of Oil and Gas

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



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OFFICE USE ONLY

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

1) LOCATION: Elevation: 1070' District: City: Wellsburg, Putnam County, West Virginia. Well No. 47-085-3928-00. Operator's Well No. 47-085-3928-00. (1) Date: 10/10/84. (2) Operator's Well No. 47-085-3928-00. (3) API Well No. 47-085-3928-00. Permit No. 47-085-3928-00. (4) Well Operator: E. O. Valley & Co. (5) Well Location: 1000 Route 400, Wellsburg, WV 26060. (6) Designated Agent: E. O. Valley & Co. (7) Designated Agent: E. O. Valley & Co. (8) Drilling Contractor: E. O. Valley & Co. (9) Drilling Contractor: E. O. Valley & Co. (10) Proposed Well Work: Drill deeper. (11) Geological Target Formation: Alexander. (12) Estimated depth of completed well: 3300'. (13) Approximate true depth: 3000'. (14) Approximate coal seam depths: 200-280, 784-787. (15) Casing and Tubing Program: 12" casing, 8" tubing.

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		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason:

Reason:

Bond	Agent	Plan	Casing	Log
Blanket	Mr. M. H. 278			

1) Date: August 6, 1984  
 2) Operator's Well No. 2-972  
 3) API Well No. 47-085-3928-00  
 State County Permit  
 Formerly 47-085-3928

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
 (i) Name Cline Riggs  
 Address Route 1, Box 76  
Pennsboro, WV 26415  
 (ii) Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 (iii) Name \_\_\_\_\_  
 Address \_\_\_\_\_

5(i) COAL OPERATOR None  
 Address \_\_\_\_\_  
 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Name Not Recorded  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

P 562 822 136

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

RECEIPT FOR CERTIFIED MAIL

- TO THE PERSON(S):  
 (1) The Applicant to be served and declaration  
 (2) The plat  
 (3) The Construction Reclamation Plan

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

THE REASON WHICH ARE SUMMARY OF THE ACTION AT ALL.

Take notice that the operator proposes for a Well Work Department of Mines and depicted on Construction and by hand to the before the day

- 6) EXTRACTION R  
 Included  
 I hold  
 The requi  
 7) ROYALTY PROV  
 Is the right or other cor for compensa to the volum  
 If you may use

Sent to	<u>MR. CLINE RIGGS</u>
Street and No.	<u>ROUTE 1, BOX 76</u>
P.O., State and ZIP Code	<u>PENNSBORO, WV 26415</u>
Postage	\$ _____
Certified Fee	\$ _____
Special Delivery Fee	\$ _____
Restricted Delivery Fee	\$ _____
Return Receipt Showing to whom and Date Delivered	_____
Return receipt showing to whom, Date, and Address of Delivery	_____
TOTAL Postage and Fees	\$ _____
Postmark or Date	<u>AUG 8 1984</u>

SURFACE OWNER NOTIFICATION - WELL # 972

and the following documents:  
 Form IV-4 if the well is drilling or other work, ie, the proposed casing and

Form IV-6; and  
 as the well work is only to diment control and for

NOTES REGARDING THE APPLICATION  
 THE COPY OF THE APPLICATION  
 IT REQUIRED TO TAKE ANY

the undersigned well op- and accompanying documents il and Gas, West Virginia ribed on attached Application application, the plat, and the or certified mail or delivered in circumstances) on or

or contracts by which  
 reverse side for specifics

id upon a lease or leases or any similar provisio is not inherently relate  
 Yes  No

d. If the answer is Yes,

DEPT. OF MINES  
 OIL & GAS DIVISION

RECEIVED  
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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  
D. T. Casaday  
 this 6th day of August, 1984.  
 My commission expires Feb. 7, 1987.  
Mauvalen S. Jones  
 Notary Public, Allegheny County,  
 State of Pennsylvania

WELL OPERATOR Carnegie Natural Gas Company  
 By D. T. Casaday  
 Its President  
 Address 800 Regis Avenue  
Pittsburgh, PA 15236  
 Telephone 412-655-8510

MAUVALEN S. JONES, NOTARY PUBLIC  
 WEST MIFFLIN BORO, ALLEGHENY COUNTY  
 MY COMMISSION EXPIRES FEB. 7, 1987  
 State of Pennsylvania Association of Notaries

12/01/2023

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

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the 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.

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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





IV-9  
(Rev 8-81)

DATE 7/23/84

WELL NO. 2-972

State of West Virginia API NO. 47-085-3928-00

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CARNEGIE NATURAL GAS CO DESIGNATED AGENT J. C. STEPHENSON, DIV. SUPT.  
Address 800 REGIS AVE., PGM, PA. 15236 Address P.O. Box 387, MANNINGTON, W.V. 26582  
Telephone (412) 655-8510 Telephone (304) 986-2060  
LANDOWNER CLINE RIGGS SOIL CONS. DISTRICT LITTLE KANAWHA  
Revegetation to be carried out by SAME (Agent)

This plan has been reviewed by LITTLE KANAWHA SCD. All corrections and additions become a part of this plan: 7-27-84

(Date)  
Garrett Newton  
(SCD Agent)

ACCESS ROAD		LOCATION	
Structure <u>DRAINAGE DITCH</u> (A)	Spacing <u>INSIDE ROAD CUTS</u>	Structure <u>DIVERSION DITCH</u> (1)	Material <u>EARTHEN</u>
Page Ref. Manual <u>2-12</u>		Page Ref. Manual <u>2-12</u>	
Structure <u>CROSS DRAIN</u> (B)	Spacing <u>(1-REQ'D) NEAR LOCATION</u>	Structure <u>FILTER STRIP</u> (2)	Material <u>UNDISTURBED NATURAL VEGETATION</u>
Page Ref. Manual <u>2-1</u>		Page Ref. Manual <u>2-16</u>	
Structure _____ (C)	Spacing _____	Structure _____ (3)	Material _____
Page Ref. Manual _____		Page Ref. Manual _____	

All structures should be inspected regularly and repaired. <sup>477</sup> commercial timber is to be cut and stacked and all brush and <sup>477</sup> brush timber to be cut and removed from the site before dirt work begins.

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REVEGETATION

OIL & GAS DIVISION

Treatment Area I

\* Lime 2 Tons/acre  
or correct to pH 6.5

Fertilizer 1000 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2 Tons/acre

Seed\* ORCHARD GRASS 10 lbs/acre  
RED CLOVER 12 lbs/acre  
ALSIKE CLOVER 4 lbs/acre

Treatment Area II

\* Lime 2 Tons/acre  
or correct to pH 6.5

Fertilizer 1000 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2 Tons/acre

Seed\* ORCHARD GRASS 10 lbs/acre  
RED CLOVER 12 lbs/acre  
ALSIKE CLOVER 4 lbs/acre

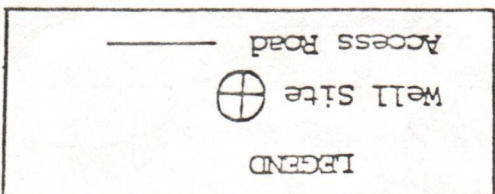
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

\*LIME ACCORDING TO PH TEST

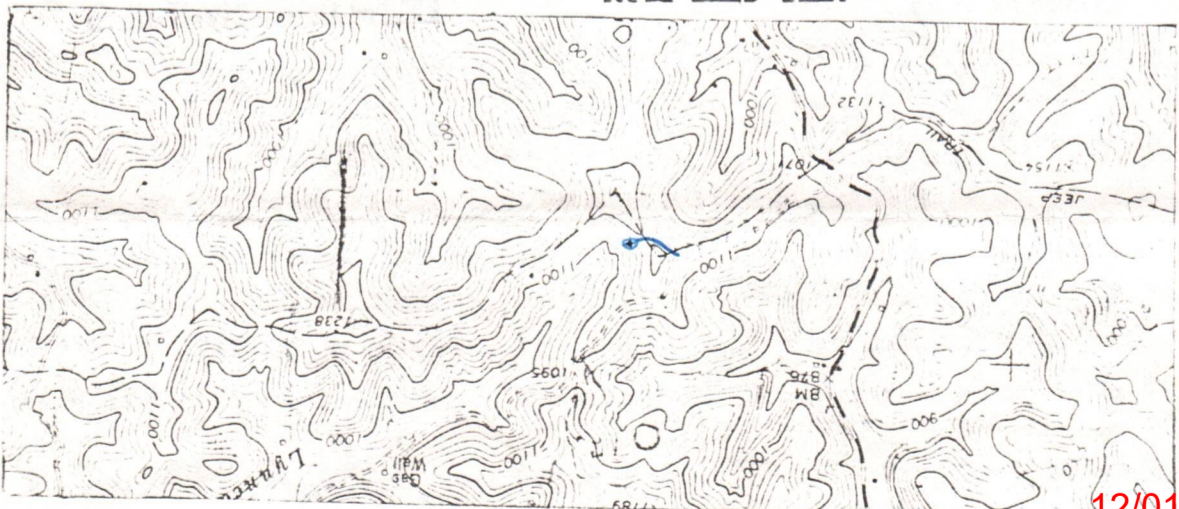
PLAN PREPARED BY CANCE MROZ 12/01/2023  
ADDRESS CARNEGIE NATURAL GAS CO.  
800 REGIS AVE.  
PGM, PA. 15236  
PHONE NO. (412) 655-8510

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

ATTACH OR PHOTOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE *PULLMAN*

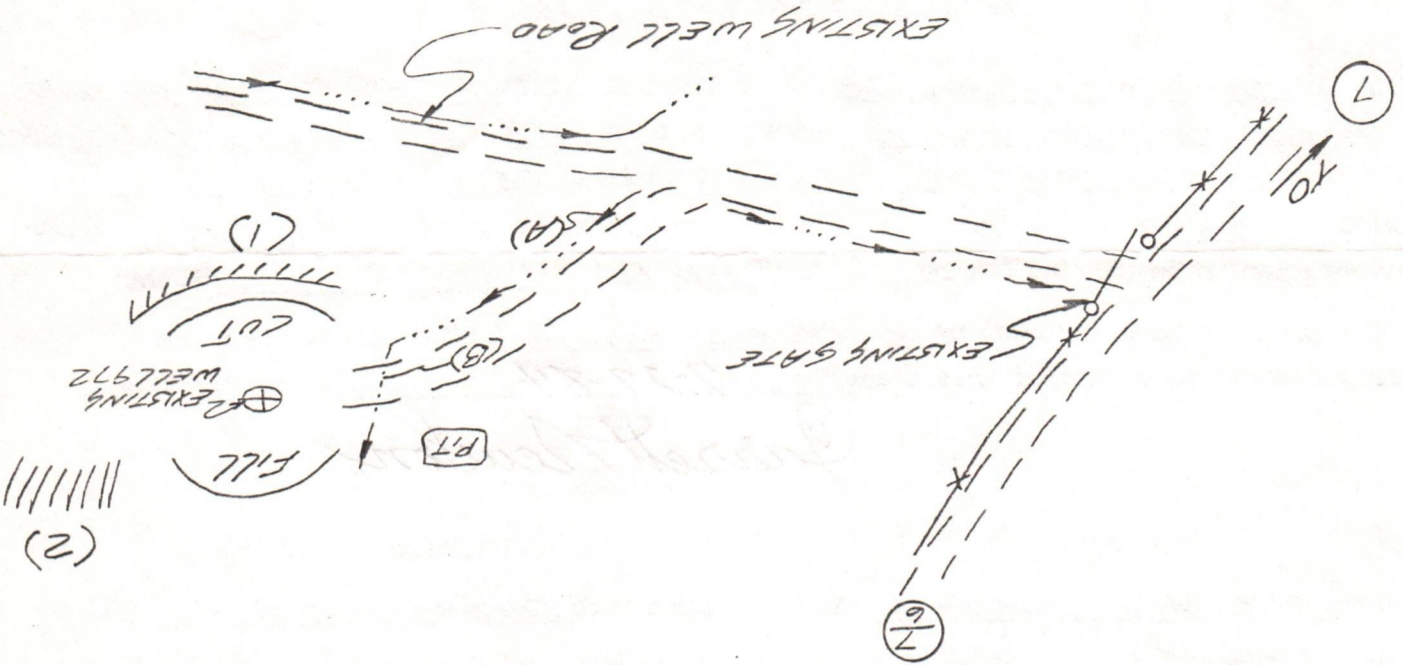
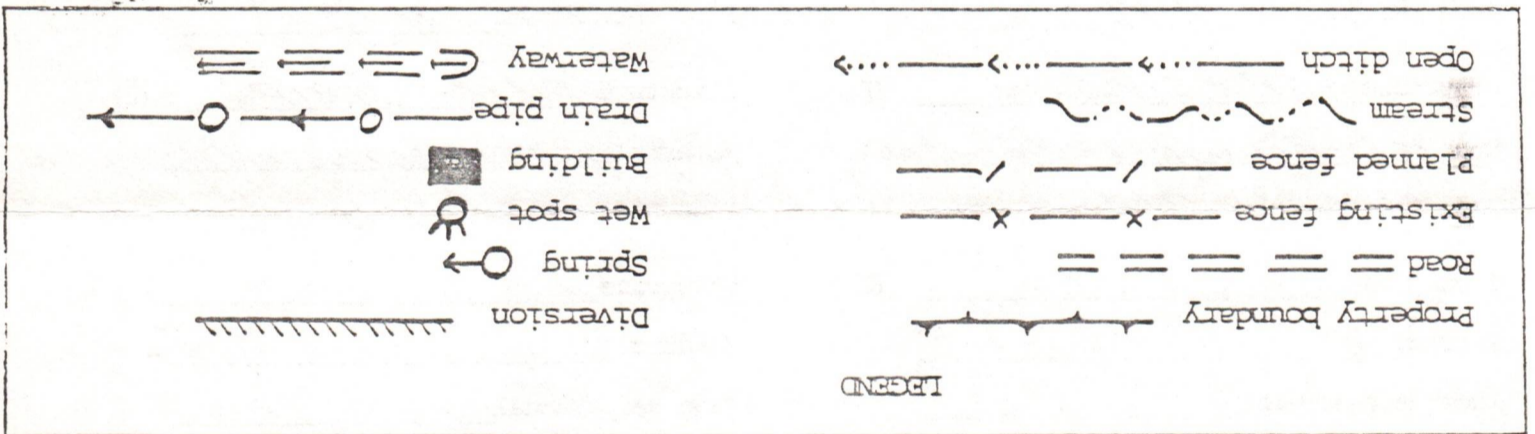


12/01/2023



WELL SITE PLAN

Sketch 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.



**RECEIVED**  
SURFACE OWNER'S COPY  
AUG 23 1984



1) Date: August 6, 19 84  
2) Operator's Well No. 2-972  
3) API Well No. 47-085  
State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

Formerly 47-085-3928

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

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1070' Watershed: Lynncamp Run  
District: Clay County: Ritchie Quadrangle: Pullman
- 6) WELL OPERATOR Carnegie Natural Gas Co. 7) DESIGNATED AGENT J. C. Stephenson  
Address 800 Regis Avenue Address Box 387  
Pittsburgh, PA 15236 Mannington, WV 26582
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
Name Samuel Hersman Name Fluharty Enterprises, Inc.  
Address P.O. Box 66 Address 94 Valley St., P.O. Box 187  
Smithville, WV 26178 Salen, WV 26426
- 10) PROPOSED WELL WORK: Drill \_\_\_\_\_ / Drill deeper X / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5360 feet
- 13) Approximate trata depths: Fresh, Behind Pipe feet; salt, None feet.
- 14) Approximate coal seam depths: 280'-282'; 784'-787' Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water										
Coal	<u>8 1/4"</u>					<u>1276'</u>	<u>1276'</u>			
Intermediate	<u>6 5/8"</u>					<u>2041'</u>	<u>2041'</u>			
Production	<u>4.5</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>			<u>5360'</u>	<u>2500'</u>		Depths set
Tubing										
Liners										Perforations: Top Bottom

\*Existing Pipe In Well

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.)

(For execution by natural persons)

NAME: \_\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: Aug 14  
\_\_\_\_\_  
(Signature) Date: Aug 14

12/01/2023  
Surface Owner

**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.





DATE: August 6, , 19 84  
OPERATOR'S  
WELL NO.: 2-972

API NO: 47 - 085 -  
State County Permit No

**State of West Virginia**

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

A F F I D A V I T

~~State of~~ Commonwealth of Pennsylvania

County of Allegheny

I, D. T. Casaday (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (~~he~~, ~~she~~, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: *D. T. Casaday*

Taken, Subscribed, and sworn to before me this 6th day of August, 1984.

Notary: *Mauvaleen S. Jones*

MAUVALEEN S. JONES, NOTARY PUBLIC  
WEST MIFFLIN BORO, ALLEGHENY COUNTY  
MY COMMISSION EXPIRES FEB. 7, 1987  
Member, Pennsylvania Association of Notaries

My Commission Expires: *Feb. 7, 1987*

**RECEIVED**  
AUG 13 1984

OIL & GAS DIVISION  
DEPT. OF MINES



Faint text at the top left, possibly including a date or reference number.

Faint text in the upper middle section, possibly a title or header.

Faint text in the middle section, possibly a date or identifier.

Main body of faint, illegible text, likely the primary content of the document.



DEPT. OF MINES  
ORANGE COUNTY  
AUG 1 1914

Agreement, Made and entered into the 31<sup>st</sup> day of Jan A. D. 1917, by and between W. M. Drummond & A. J. Drummond his wife of Pullman County of Ritchie and State of W. Va., part of the first part, and the CARNEGIE NATURAL GAS COMPANY, a Pennsylvania corporation, party of the second part.

WITNESSETH, that the said party of the first part, for and in consideration of the sum of one Dollar to them in hand well and truly paid by the said party of the second part, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter granted, demised, leased and let and by these presents does grant, demise, lease and let unto the said party of the second part, its successors and assigns, for the sole and only purpose of mining and operating for oil and gas, and of laying pipe lines and of building tanks, stations and structures thereon to take care of the said products, ALL that certain tract of land, situated in Clay District, Ritchie County and State of W. Va., on the waters of Lynn Camp & Beason

bounded substantially as follows: On the North by lands of Eva J. Ayers On the East by lands of E. W. J. J. On the South by lands of E. W. J. J. On the West by lands of E. E. Cunningham Containing Fifty Eight (58) acres, more or less, reserving, however, therefrom 200 feet around the building now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of 5 years from this date and as long thereafter as oil or gas, or either of them, is produced from the said land by the said party of the second part, its successors and assigns.

IN CONSIDERATION OF THE PREMISES, the said party of the second part covenants and agrees: 1st—To deliver to the credit of the first part, their heirs or assigns, free of cost, in the pipe line to which party of the second part may connect its wells, the equal one-eighth part of all oil-produced and saved from the leased premises; it being understood and agreed that the Casing Head Gas produced from the oil well or wells, may be used, free of cost, by second party, either on or off the said premises; and 2d—To pay Seventy five (\$75.00) Dollars each three months in advance for the gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises as a gas well, said payment to be made on each well within sixty days after completion, and to be paid each three months thereafter while the gas from said well is so marketed and used.

Said second party shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by first party or their predecessors in title or otherwise.

Second party covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portions of the farm. And further, to complete a well on the said premises within thirty days from the date hereof or pay at the rate of Twenty five (\$25.00) Dollars quarterly, in advance, or within 10 days thereafter for each additional three months such completion is delayed from the time above mentioned for the completion of such well until a well is completed; and it is agreed that the completion of such well shall be and operate as a full liquidation of all rental under this provision during the remainder of the term of this lease. All payments may be made direct to W. M. Drummond or deposited to his credit in the Pullman State Bank at Pullman W. Va. or by check mailed to W. M. Drummond at Pullman Ritchie County, State of W. Va. who is hereby appointed AGENT for such purposes.

Lessor may lay a line to any gas well on said land to take gas free to the amount of 200,000 cubic feet per annum for their own use for heat and light in one dwelling house on said land at their own risk, subject to the use, operation and right of abandonment of the well by the said Gas Company; and first party shall subscribe to and be bound by the reasonable rules and regulations of the said Gas Company, or its assigns, published at such time relating to such use of gas.

This lease given in Place of Lease # 6002. Mary E. Howard to W. M. Drummond.

The parties of the first part grants the further privilege to the party of the second part, of using sufficient water and gas from the premises herein leased, necessary to the operation thereon, the right of way over and across said premises to the place of operating, together with the right to lay pipes to convey oil and gas from this as well as adjoining farms; also the right to move any machinery or fixtures placed on said premises by him within six months after the termination of this lease; and further, upon the payment of One (\$1.00) Dollars at any time, by the party of the second part, its successors and assigns, to the party of the first part, their heirs and assigns, said party of the second part, its successors and assigns, shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease become absolutely null and void.

IN WITNESS WHEREOF, the parties to this agreement have herunto set their hands and seals the day and year first above written.

WITNESSES: R. S. Brasser

W. M. Drummond (SEAL) A. J. Drummond (SEAL)

12/01/2023

CARNEGIE NATURAL GAS COMPANY By Vice President.

STATE OF W. Va.  
COUNTY OF Ritchie

To WIT: I, S. F. McKinley,

a Notary of said County of Ritchie, do certify that  
W. M. Drummond and A. J. Drummond,

his wife, whose name is are signed to the within writing, bearing date the 31st day of  
January A. D. 1917, has this day acknowledged the same before me  
in my said County.

Given under my hand this 31st day of January, A. D. 1917.

S. F. McKinley,  
Notary Public.

My commission Expires April-14-1924

**RECEIVED**  
AUG 13 1984  
GAS DIVISION  
DEPT. OF MINES

Filed and admitted to record  
in the Office of the Clerk of  
the County Court of Ritchie  
County, W. Va. SEP 27 1918  
19   at O'Clock M.  
Recorded in 298  
Book No. 41 Page 172 etc  
Teste: J. M. Sharp  
Clerk.

148000616  
No. 19037  
**OIL AND GAS LEASE**  
FROM  
W. M. Drummond

TO  
**CARNEGIE NATURAL GAS COMPANY**

Date Jan. 31st, 1917  
Term, 25 Years

No. Acres 5.8  
LOCATION

Synar Camp & Co. Inc.  
Township Clay  
District }  
County Ritchie

Received for Record 19

Recorded Sept. 27th, 1918.

In Book H-1 Page 172 etc

12/01/2023

# CARNEGIE NATURAL GAS COMPANY

Map Sheet No. *N.W. 1/4 Holbrook*

RECORD OF WELL

Well No. *#2* - *#972*

Drilled on *Wm. Drummond* Farm of *58* Acres, situate in *Clay* Township *Ritchie* County *W. Va.* Lease No. *#10037*  
 Shipping Point *RIG* Foreman *Claude Babbert*  
WELL

Located *December 4th, 1919.* Commenced Drilling *January 21st, 1920.*  
 Notified Gen'l Office *December 12th, 1919.* Notified Gen'l Office  
 Commenced *January 7th, 1920.* Completed Drilling *Feb. 16th 1920*  
 Completed *January 13th, 1920.* Notified Gen'l Office *Feb. 17th 1920*  
 Contractor *C. M. Jewart,* Contractor *C. W. McCall & Co.,*  
 Address *Pennsboro, W. Va.* Address *Clarksburg, W. Va.*

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor	16'			1/2 Minute 170 Lbs.
Mapleton Coal	280	282		1 " 215 "
Pittsburgh Coal	784	787		2 " 240 "
Little Dunkard	1100	1128		3 " 250 "
Big Dunkard				4 " 255 "
Gas Sand				5 " 258 "
1st Salt Sand	1390	1457		10 " "
2nd Salt Sand	1502	1655		15 " "
Maxton Sand	1885	1945		30 " "
Little Lime	1990	2004		1 Hour "
Pencil Cave	2004	2020		Rock 270 "
Big Lime	2020	2101		Size of Tubing 2 Inch
Big Injun	2101	2156		Size of Casing "
Gantz Sand	<i>2300</i>	<i>2360</i>	<i>Gas 2101 - 2114'</i>	<i>Vol. by Water 18/10 in 6-5/8"</i>
50 Foot Sand <i>Berea</i>	<i>2400</i>	<i>2460</i>	<i>Started D.O. of 2182</i>	<i>10% Win M - (20000)</i>
30 Foot Sand			<i>No gas in D.O.</i>	<i>" " Mercury</i>
Gordon Stray			<i>Ordered CO and</i>	<i>" " Pressure</i>
Gordon Sand			<i>no gas drill 1750 below coal</i>	
4th Sand			<i>10/28/27</i>	
5th Sand				
Bayard Sand				
Elizabeth				
Speechley				
Bradford				

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DEPT. OF MINES

CONNECTED TO MAIN LINE  
Turned in line Feb. 16th 1920  
By S.E. Nay.

Length of Line 915 Feet  
Size of Line 4 Inch

DISCONNECTED FROM LINE  
Notified Lessor  
Abandoned  
Repacked  
With Feet Tubing

Total Depth *2182-2498* Feet at \$ \_\_\_\_\_ per Foot \$ \_\_\_\_\_  
 Gas Furnished at \_\_\_\_\_ Cents per Foot

**CASING RECORD**

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10"	597		507		507		None		20		544		Kind <i>ANCHOR</i>
6 1/4"	1390		1276		<del>None</del>		1276		None		73		Size <i>6-5/8" x 2"</i>
6-5/8"	2178		2041		<del>None</del>		2041		None		111		Set at <i>2093</i> Feet
3"	2054		None		None		None		None		2054		WELL SHOT
2"	2347		2182		<del>None</del>		2182		None		165		By _____
													With _____ Qts. at _____ Feet

Casing Cemented in Well \_\_\_\_\_ by \_\_\_\_\_ Company Employee

Lease 10037

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS



WR-35

FEB 7 1986

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date December 3, 1985  
Operator's  
Well No. 2-972  
Farm Wm. Drummond  
API No. 47 - 085 - 3928-DD

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

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

LOCATION: Elevation: 1070' Watershed Lynncamp Run  
District: Clay County Ritchie Quadrangle Pullman

COMPANY Carnegie Natural Gas Company  
ADDRESS 800 Regis Ave., Pgh., PA 15236  
DESIGNATED AGENT J. C. Stephenson  
ADDRESS Box 387, Mannington, Wv 26582  
SURFACE OWNER Cline Riggs  
ADDRESS Rt. 1, Box 76, Pennsboro, WV 26415  
MINERAL RIGHTS OWNER Ellen Lorena Hall  
ADDRESS Pullman, WV 26421  
OIL AND GAS INSPECTOR FOR THIS WORK Sam Hersman  
ADDRESS Smithville, WV 26178  
PERMIT ISSUED September 10, 1984  
DRILLING COMMENCED December 3, 1984  
DRILLING COMPLETED March 29, 1985  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up <u>X</u> ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1276'	1276'	
7	2041'	2041'	
5 1/2			*
4 1/2		5280'	1500'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5360 feet  
Depth of completed well 5347 feet Rotary \_\_\_ / Cable Tools X  
Water strata depth: Fresh \_\_\_ feet; Salt \_\_\_ feet  
Coal seam depths: 280'-282', 784'-787' Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Alexander - Benson Pay zone depth See Fracture Details feet  
Gas: Initial open flow 4 Mcf/d Oil: Initial open flow \_\_\_ Bbl/d  
Final open flow 521 Mcf/d Final open flow \_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_ hours  
Static rock pressure 1700 psig (surface measurement) after 13 Days hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_ Pay zone depth 12/01/2023 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)

RIT 3928-DD

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

Fractured by B-J Titan on 4-17-85.

1st Stage - Perf 5199'-5222', 4933'-34' with 14 holes; 12 bbls. acid; 236 bbls. water; 55,000# sand and 490,000 SCF N<sub>2</sub>.

2nd Stage - Perf 4572'-76', 4496'-98' with 14 holes; could not breakdown to fracture.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Commenced drilling deeper @			2498'		
Sand & Shale			2498'	2919'	
Fourth			2919	2926	
Sand & Shale			2926	3304	
Warren			3304	3502	
Sand & Shale			3502	4775	
Upper Benson			4775	4910	
Shale			4910	4932	
Lower Benson			4932	5099	
Shale			5099	5167	
Alexander			5167	5232	
Shale			5232	5347	
TOTAL DEPTH				5347'	

(Attach separate sheets as necessary)

Carnegie Natural Gas Company

Well Operator

By: Kenneth G. Dunay

Date: December 4, 1985

12/01/2023

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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DEPT. OF MINES

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

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Clino Riggs</u>	16			
Well No. <u>2-972</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced <u>12-4-84</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Visit - opp 3400 foot deep.  
Rig broke down - Working on rig motor at time of visit

1-18-85  
DATE

Samuel H. Hervey 12/01/2023  
DISTRICT WELL INSPECTOR





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

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DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Cline Riggs</u>	16			Kind of Packer _____
Well No. <u>2-972</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Visit - still rigging up. Told driller to have B.O.P. placed on inner casing

12-3-84

DATE

Samuel W. Hermon 12/01/2023

DISTRICT WELL INSPECTOR



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DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Cline Riggs</u>	16			
Well No. <u>2-972</u>	13			Size of _____
District <u>Clay</u> County <u>Petchis</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES				

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

Remarks: Visit - starting operations - Well depth 2478 feet

11-30-84  
DATE

Samuel W. Hannon  
12/01/2023  
DISTRICT WELL INSPECTOR



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

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Cline Riggs</u>	16			Kind of Packer _____
Well No. <u>2-972</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			Depth set _____
Drilling commenced <u>12-4-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
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			
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

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

Remarks: Visit - Rig still broke down - no drilling has been done since last visit on 1-18-85  
Still working on spudder

1-25-85  
DATE

Samuel N. Hammon  
12/01/2023  
DISTRICT WELL INSPECTOR



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

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DEPT. OF MINES

**INSPECTOR'S WELL REPORT**

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
Address _____	16			
Farm <u>Olino Riggs</u>	13			
Well No. <u>2-972</u>	10			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	8 1/4			
Drilling commenced <u>12-4-84</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Visit - 3475 foot deep. pit OK.

2-6-85  
DATE

Samuel W. H.  
121012023  
DISTRICT WELL INSPECTOR





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

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OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas Co.</u> Address _____ Farm <u>Cline Riggs</u> Well No. <u>2-972</u> District <u>Clay</u> County <u>Ritchie</u> Drilling commenced <u>12-4-84</u> Drilling completed _____ 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			Kind of Packer _____
	16			
	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: Visit 4052 foot deep.

2-20-85  
DATE

Samuel M. Hoffman  
12/01/2023  
DISTRICT WELL INSPECTOR



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MAR 4 - 1985

OIL & GAS DIVISION  
DEPT. OF MINES

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

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Nat. Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
Address _____	16			Size of _____
Farm <u>Cline Riggs</u>	13			Depth set _____
Well No. <u>2-972</u>	10			Perf. top _____
District <u>Clay</u> County <u>Ritchie</u>	8 1/4			Perf. bottom _____
Drilling commenced <u>12-4-84</u>	6 5/8			Perf. top _____
Drilling completed _____ Total depth _____	5 3/16			Perf. bottom _____
Date shot _____ Depth of shot _____	3			Liners Used _____
Initial open flow _____ /10ths Water in _____ Inch	2			
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 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: Visit - 4640 feet deep. Pit OK

3-1-85  
DATE

Samuel N. ...  
DISTRICT WELL INSPECTOR

1210172023



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

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DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Nat Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Clint Reggs</u>	16			
Well No. <u>2-972</u>	13			Size of _____
District <u>Clay</u> County <u>Putnam</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Visit - 5220 foot deep. Pit OK.

3-22-85  
DATE

Samuel N. Thompson  
12/01/2023  
DISTRICT WELL INSPECTOR



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

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APR 15 1985

INSPECTOR'S WELL REPORT  
OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 85-3928-DD

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

Company <u>Carnegie Nat Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address _____	16			
Farm <u>Cline Pigg</u>	13			
Well No. <u>2-972</u>	10			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	8 1/4			
Drilling commenced <u>12-4-84</u>	6 5/8			Depth set _____
Drilling completed <u>4-2-85</u> Total depth <u>5347</u>	<del>5 9/16</del> <u>4 1/2"</u>	<u>5280</u>	<u>5280</u>	
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: on 4-2-85 r.o. and complete hole at depth of 5347 foot  
Ran 5280 foot of 4 1/2" casing - Ran 320 sacks cement.  
moving spudder off location

4-9-85  
DATE

Samuel N. Hensman  
DISTRICT WELL INSPECTOR

12/01/2023





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

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OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-3928-DD

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

Company <u>Carnegie Natural Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address _____	16			Kind of Packer _____
Farm <u>Cline Riggs</u>	13			
Well No. <u>2-972</u>	10			Size of _____
District <u>Clay</u> County <u>Raleigh</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Visit - 5300 foot deep - Pit OK at this time - But may have to haul some off if gets much fuller.

3-28-85  
DATE

Samuel M. Ferguson  
12/01/2023  
DISTRICT WELL INSPECTOR



DEPARTMENT OF ENERGY  
OIL AND GAS WELLS DIVISION

RECEIVED  
AUG 13 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Permit No. 085-3928. D.D.

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

Company <u>CARNEGIE GAS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>DRUMMOND</u>	16			Kind of Packer _____
Well No. <u>DRUMMOND 972</u>	13			
District _____ County <u>Pitcher</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 _____ bbla., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

*Status Report*

Remarks:

*Visit site, on Request of Carnegie to look a Reclamation  
to Release contractor of His work*

*Reclamation a.k.*

8-7-85

DATE

*Mike Grubbs*

DISTRICT WELL INSPECTOR

12/01/2023



1R-26  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

(9-10-84)

WELL TYPE \_\_\_\_\_  
ELEVATION 1070  
DISTRICT CLAY  
QUADRANGLE PULLMAN 7.5  
COUNTY RITCHIE

API# 47-085-3928-DD  
OPERATOR CARNEGIE NAT. GAS  
TELEPHONE \_\_\_\_\_  
FARM CLINE RIGGS  
WELL # 2-972

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_

TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_

DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED 10-30-84 DRILLING COMMENCED 12-4-84

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran 5280 feet of 4 1/2" "pipe on 4-2-85 with 320 SACKS fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

TD 5347 feet on 4-2-85

PLUGGING

Type	From	To	Pipe Removed

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

APR 23 1986

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 4-17-86

Samuel H. Kessman  
Inspector's signature

12/01/2023

API# 47-085-3928-DD

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	10-30-84		Check site - rig was to move on	
2	11-9-84		Visit site - no rig on site yet	
3	11-13-84		Visit - Rig now on site	
4	11-27-84		Visit - Rigging up.	
5	11-30-84		Visit - cleaning up old hole - starting at 2478'	
6	12-3-84		Visit - Check to see if B.O.P. was on well	
7	12-11-84		Visit - 2700 foot deep.	
8	1-2-85		Visit - 3335 foot deep. Pit OK	
9	1-18-85		Visit - 3400 foot deep. Rig broke down	
10	1-25-85		Visit - Rig still broke down	
11	2-6-85		Visit - 3475 foot deep.	
12	2-20-85		Visit - 4052 foot deep.	
13	3-1-85		Visit - 4640 foot deep.	
14	3-22-85		Visit - 5220 foot deep.	
15	3-28-85		Visit - 5300 foot deep.	
16	4-9-85		Visit - Pick up T.D. Report	
17	4-17-86		Make Final Inspection	
18				
19				
20				

Notes

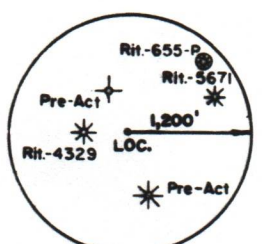
7/16/84

7,900'

LATITUDE 39°-12'-30"

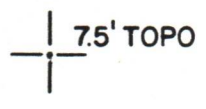
1,150'

LONGITUDE 80°-55'-00"

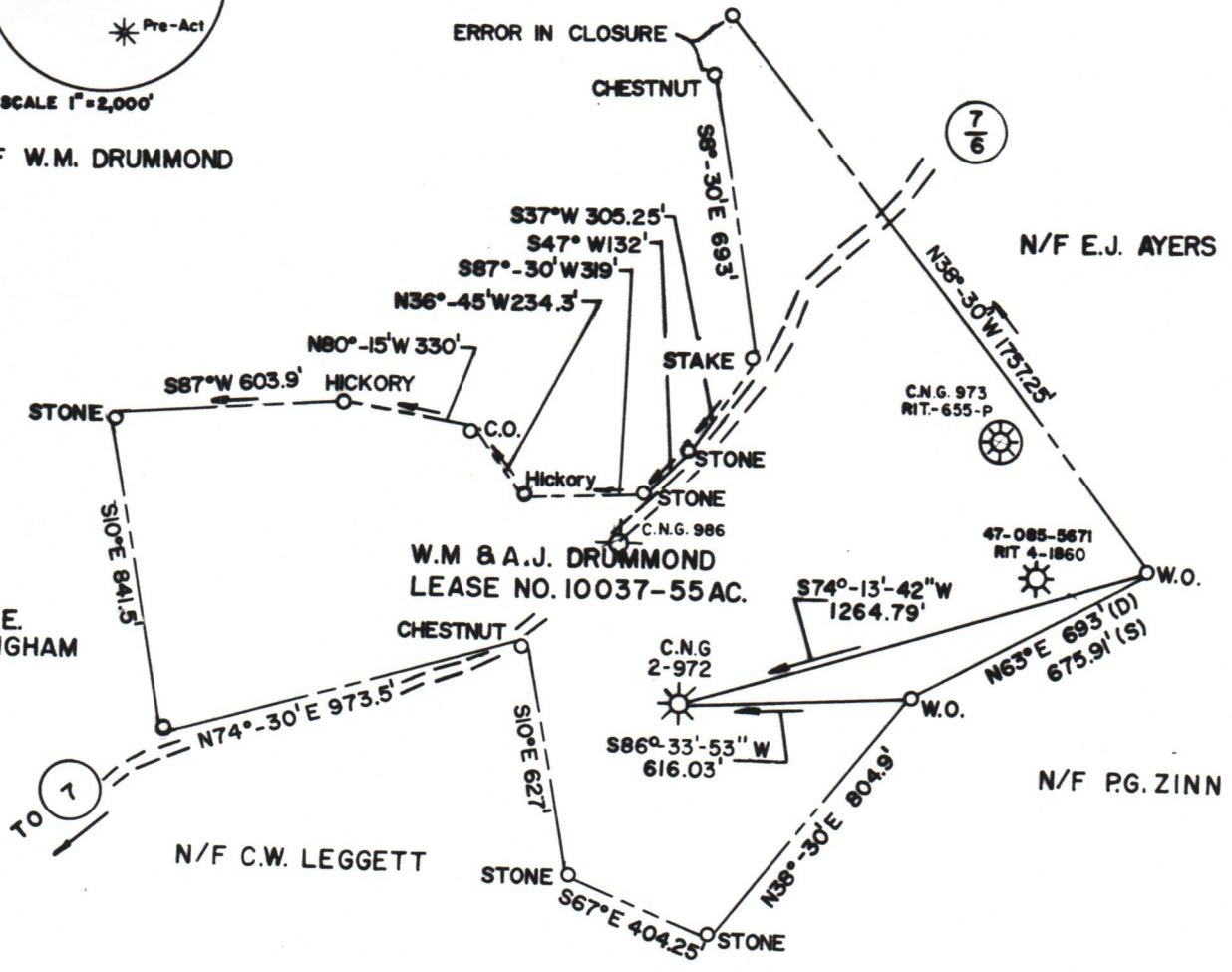


SCALE 1"=2,000'

N/F W.M. DRUMMOND



ERROR IN CLOSURE



NORTH

N/F C.E. CUNNINGHAM

W.M. & A.J. DRUMMOND  
LEASE NO. 10037-55 AC.

N/F E.J. AYERS

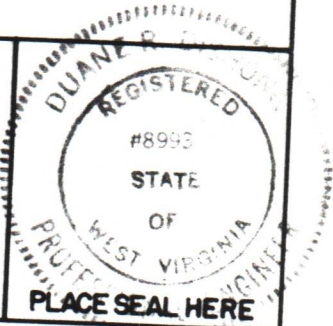
N/F P.G. ZINN

N/F C.W. LEGGETT

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1"=500'  
MINIMUM DEGREE OF ACCURACY 1' IN 200'  
PROVEN SOURCE OF ELEVATION B.M.=876' ALONG ROUTE 7 NORTH OF PULLMAN

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) Duane R. Dishary  
R.P.E. 8993 L.L.S.



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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE JULY 26, 1984  
OPERATOR'S WELL NO. 2-972  
API WELL NO. \_\_\_\_\_  
47 085 3928-DD  
STATE COUNTY PERMIT  
FORMERLY 47-085-3928

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1070' WATER SHED LYNNCAMP RUN  
DISTRICT CLAY COUNTY RITCHIE  
QUADRANGLE PULLMAN

SURFACE OWNER CLINE RIGGS  
OIL & GAS ROYALTY OWNER ELLEN LORENA HALL ACREAGE 55  
LEASE NO. 10037 LEASE ACREAGE 55

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION ALEXANDER  
WELL OPERATOR CARNEGIE NATURAL GAS CO. ESTIMATED DEPTH 5360'  
ADDRESS 800 REGIS AVE. DESIGNATED AGENT J.C. STEPHENSON, DIV. SUPT.  
PITTSBURGH, PA. 15236 ADDRESS P.O. BOX 387  
MANNINGTON, W.V. 26582

12/01/2023