

RECEIVED  
AUG 28 1985



1) Date: August 23, 1985  
2) Operator's Well No. 1593  
3) API Well No. 47 -021-0630-D  
State County Permit  
Formerley 47-021-0630

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

- 4) WELL TYPE: A Oil  / Gas  / B (If "Gas", Production  / Underground storage  / Deep  / Shallow  )
- 5) LOCATION: Elevation: 855' / Watershed: Cedar Creek / District: Dekalb 2 / County: Gilmer / Quadrangle: Tanner 633
- 6) WELL OPERATOR Carnegie Gas CODE: 8650 / 7) DESIGNATED AGENT J.C. Stephenson / Address: 800 Regis Avenue Pittsburgh, PA 15236 / Address: Box 387 Mannington, WV 26582
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name: Deo Mace / Address: Rt. 1, Box 5 Sandridge, WV 25274 / 9) DRILLING CONTRACTOR: Name: Spencer Enterprises / Address: West Union, WV 26456
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  / Plug off old formation  / Perforate new formation  / Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4450 feet
- 13) Approximate trata depths: Fresh, Behind Pipe feet; salt, None feet.
- 14) Approximate coal seam depths: None / 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										Kinds
Fresh water *	10 3/4"					162'	162'			Sizes
Coal										
Intermediate *	8 5/8"					783'	783'			Depths set
Production	4.5"	J-55	10.5	X			4450'	2000'		
Tubing										
Lin.										Perforations: Top Bottom

\*Existing Pipe In Well

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-021-0630-D

September 16 1985

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. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

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

Permit expires September 16, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: ✓	Agent: 7213	Plat: [Signature]	Casing: [Signature]	Fee: 154574	WPCP: [Signature]	S&E: [Signature]	Other: [Signature]
---------	-------------	-------------------	---------------------	-------------	-------------------	------------------	--------------------

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

Director, Division of Oil and Gas

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

05/10/2024 File



RECEIVED  
AUG 28 1987

OFFICE USE ONLY

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

1. LOCATION: Cedar Creek, Wayne County, West Virginia

2. OPERATOR: J.C. Stephenson, Box 387, Mannington, WV 26042

3. ADDRESS: 800 Regis Avenue, Pittsburgh, PA 15230

4. ADDRESS: Spencer Enterprises, West Union, WV 26456

5. ADDRESS: R.F.1. Box 2, Sandridge, WV 25274

6. DRILLING CONTRACTOR: Spencer Enterprises, West Union, WV 26456

7. DRILLER: [Blank]

8. DRILLING DATE: [Blank]

9. DRILLING DEPTH: [Blank]

10. PROPOSED WELL WORK: [Blank]

11. GEOLOGICAL INFORMATION: Benson, 4450

12. APPROXIMATE DEPTH OF PROPOSED WELL: Behind pipe

13. APPROXIMATE DEPTH OF EXISTING WELL: None

14. CASING AND TUBING PROGRAM: [Blank]

OFFICE USE ONLY

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

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		
OTHER INSPECTIONS		

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

05/10/2024

RECEIVED  
AUG 28 1985



WW-9

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Rec'd. (WFSO)  
AUG 5 1985

State of West Virginia  
Department of ENERGY  
Oil and Gas Division

DATE JULY 31, 1985  
WELL NO. 1593  
API NO. 47 - 021 - 0630 - DD

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CARNEGIE NATURAL GAS CO. DESIGNATED AGENT J.C. STEPHENSON  
Address 800 REGIS AVE., PGH., PA 15236 Address BOX 387, MANNINGTON, WV 26582  
Telephone (412) 655-8510 Telephone (304) 986-2060  
LANDOWNER HARVEY BEALL SOIL CONS. DISTRICT WEST FORK  
Revegetation to be carried out by SAME (Agent)

This plan has been reviewed by WEST FORK SCD. All corrections and additions become a part of this plan:

8/12/85  
(Date)  
Kenneth E. Knight  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure DRAINAGE DITCH (A)  
Spacing INSIDE ROAD CUTS  
Page Ref. Manual 2-12  
Structure CROSS DRAIN (B)  
Spacing 2-REQUIRED (AS SHOWN)  
with riprapped outlet  
Page Ref. Manual 2-1  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure DIVERSION DITCH (1)  
Material EARTHEN  
Page Ref. Manual 2-12  
Structure FILTER STRIP (2)  
Material UNDISTURBED NATURAL VEGETATION  
Page Ref. Manual 2-16  
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

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

\* 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 KEN DUNAY 05/10/2024

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

ADDRESS CARNEGIE NATURAL GAS COMPANY  
800 REGIS AVE.  
PGH., PA. 15236

PHONE NO. (412) 655-8510

Note: If access road and/or location is in the woods or pasture area, then seed with the following: (Ky 31 Fescue 35 lbs/ac if not then seed with above mixture. (ladino clover 5 lbs/ac



1) Date: August 23, 19 85  
Operator's  
2) Well No. 1593  
3) API Well No. 47 - 021 - 0630

STATE OF WEST VIRGINIA Formerley State County Permit  
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS 47-021-0630

**NOTICE OF APPLICATION FOR A WELL WORK PERMIT**

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

5 (i) COAL OPERATOR

(i) Name Harvey Beall  
Address Rt. 1, Box 330-G  
Elkins, WV 26241

Address \_\_\_\_\_

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

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

Name Harvey Beall  
Address Rt. 1, Box 330-G  
Elkins, WV 26241

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

P 047 342 629  
RECEIPT FOR CERTIFIED MAIL  
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

- TO THE PERSON(S) NAMED
- (1) The Applicant involved in and, if applicable, the plat (su above) to plug a well reclamation
  - (2) The plat (su above) to plug a well reclamation
  - (3) The Constructio to plug a well reclamation

THE REASON YOU RE WHICH ARE SUMMARIZED I WW-2(B) DESIGNATED FOR

Take notice that crator proposes to fil for a Well Work Permit well at the location d Copies of this Notice, have been mailed by re above (or by publicati to the Director of the

6) EXTRACTION RIGHTS  
Check and provide  
 Included is th hold the r:  
 The requireme:

7) ROYALTY PROVISION:  
Is the right to e: or other contract 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 WW-60.

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

Sent to	<u>HARVEY BEALL</u>	
Street and No.	<u>ROUTE 1, BOX 330-G</u>	
P.O., State and ZIP Code	<u>ELKINS, WV 26241</u>	
Postage	\$	<u>56</u>
Certified Fee		<u>75</u>
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		<u>70</u>
Return receipt showing to whom, Date, and Address of Delivery		
TOTAL Postage and Fees	\$	<u>201</u>
Postmark or Date	<u>AUG 28 1985</u>	

COAL & SURFACE OWNER NOTIFICATION - WELL # 1593

WITH DECLARATION ON RECORD:

following documents:

- its out the parties and its location
- 6, and well work is only it control and for

RDING THE APPLICATION Y OF THE APPLICATION TION AT ALL.

ndersigned well op-panying documents with respect to a tached Form WW-6. nd Reclamation Plan the person(s) named of mailing or delivery

contracts by which I side for specifics.)

a lease or leases y similar provision y not inherently related  Yes  No

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

RECEIVED  
AUG 28 1985

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 26th day of August, 1985,  
My commission expires 2/7/, 1987.  
Mauvalden S. Jones  
Notary Public, Allegheny County,  
State of Commonwealth 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  
MAUVALDEN S. JONES, NOTARY PUBLIC  
WEST NIFFLIN BORO, ALLEGHENY COUNTY  
MY COMMISSION EXPIRES FEB. 7, 1987  
Member, Pennsylvania Association of Notaries

05/10/2024

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22E-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

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

---

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

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

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

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book page

05/10/2024



DATE: August 23, 19 85  
OPERATOR'S  
WELL NO.: 1593

API NO: 47 - -  
State County Permit No  
Formerley 47-021-0630

State of West Virginia

DIVISION OF OIL AND GAS  
DEPARTMENT OF ENERGY

A F F I D A V I T

RECEIVED  
AUG 28 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

~~xxxxxx~~ 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 22B-1-8(e).

Signed: D.T. Casaday  
By D. T. Casaday, President

Taken, Subscribed, and sworn to before me this 26th day of August, 19 85.

Notary: Mauvalen S. Jones

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

My Commission Expires: February 7, 1987











CARNEGIE  
NATURAL  
GAS  
COMPANY

800 REGIS AVE.  
PITTSBURGH, PA 15236  
(412) 655-8510

RECEIVED  
JAN 13 1986

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

January 8, 1986

Margaret T. Hasse  
C/O WV Department of Energy  
Division of Oil and Gas  
307 Jefferson Street  
Charleston, WV 25311

Re: Well #1593, DeKalb District, Gilmer County,  
(Permit Number 47-021-0630-D)

Dear Ms. Hasse:

Please be advised of Carnegie Natural Gas Company's intention to drill down the subject well to a revised total depth of 4900'. The revised target formation is the Alexander. A copy of the permit is attached for your reference. If there are any questions, do not hesitate to call.

Sincerely yours,

CARNEGIE NATURAL GAS COMPANY

*Kenneth G. Dunay*

Kenneth G. Dunay  
Staff Geologist

cc: Deo Mace, Oil & Gas Inspector  
file

*To file  
JMK.*

05/10/2024

Donald W. Bennett

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY **WELL RECORD**

Permit No. **Gil-630**

Oil or Gas Well..... **Gas**  
 (Kind)

Company.....	<b>Carnegie Natural Gas Company</b>			Casing and Tubing	Used in Drilling	Left in Well	Packers
Address.....	<b>1014 Frick Bldg., Pittsburgh, Pa.</b>			Size			Kind of Packer.....
Farm.....	<b>Floyd Furr, et al</b>	Acres.....	<b>90</b>	16.....			<b>Bottom Hole</b>
Location (waters).....	<b>Cedar Creek</b>			13.....			Size of <b>8 1/2" x 10"</b>
Well No.....	<b>1-1593</b>	Elev.....	<b>855</b>	10.....	<b>162</b>	<b>162</b>	Depth set..... <b>783</b>
District.....	<b>DeKalb</b>	County.....	<b>Gilmer</b>	8 1/4.....	<b>783</b>	<b>783</b>	<b>3" x 8 1/4" Anchor Packer</b>
The surface of tract is owned in fee by.....	<b>M. O. Miller</b> Address <b>Glenville, W. Va.</b>			6%.....			Set at <b>1180</b>
Mineral rights are owned by.....	<b>SEE BELOW</b>			5 3/16.....			Perf. top.....
Drilling commenced.....	<b>November 17th 1943</b>			3.....			Perf. bottom.....
Drilling completed.....	<b>December 11th 1943</b>			2.....			Perf. top..... <b>1184</b>
Date shot.....	Depth of shot.....			Liners Used.....			Perf. bottom..... <b>1208</b>
Open Flow	/10ths Water in.....	Inch					
	/10ths Merc. in.....	Inch					
Volume.....	<b>926,000</b>	Cu. Ft.		CASING CEMENTED.....	SIZE.....	No. Ft.....	Date
Rock Pressure.....	<b>335</b>	lbs.....	<b>1</b> hrs.				
Oil.....		bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT.....	FEEET.....	INCHES	
Fresh water.....	<b>612</b>	feet.....	feet		FEEET.....	INCHES	FEEET.....
Salt water.....		feet.....	feet		FEEET.....	INCHES	FEEET.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	14			
Sand	Yellow	Soft	14	25			
Slate	Dark	Soft	25	35			
Sand	Gray	Hard	35	95			
Slate	Black	Soft	95	105			
Red Rock	Red	Soft	105	130			
Slate	Blue	Soft	130	145			
Red Rock	Red	Soft	145	170			
Slate Shls.	Dark	Soft	170	245			
Red Rock	Red	Soft	245	270			
Slate Shls.		Soft	270	350			
Sand	Gray	Hard	350	362			
Slate	Dark	Soft	362	372			
Lime	Gray	Hard	372	390			
Coal	Black	Soft	390	391			
Slate	Dark	Soft	391	455			
Sand	Gray	Hard	455	498			Little Dunkard
Slate Shls.		Soft	498	510			
Sand	Gray	Hard	510	538			Big Dunkard
Slate Shls.	Gray	Med.	538	610			
Sand	Gray	Hard	610	650	Water	612	Gas Sand
Slate	Dark	Soft	650	665			
Sand	Gray	Hard	665	668			Gas Sand
Slate	Gray	Soft	668	743			
Slate	Black	Soft	743	750			
Sand	Gray	Hard	750	865			1st Salt Sand
Slate	Black	Soft	865	875			
Sand	Gray	Med.	875	887			1st Salt Sand
Slate	Black	Soft	887	962			
Sand	Gray	Hard	962	1035	Gas		2nd Salt Sand
Slate	Black	Soft	1035	1105			
Sand	Dark	Hard	1105	1152			3rd Salt Sand
Slate	Black	Soft	1152	1178			
Sand	White	Hard	1178		Gas	1198-1206	3rd Salt Sand
			TOTAL DEPTH	1209			

**OWNERS of MINERAL RIGHTS:**  
**M. O. Miller, Glenville, W. Va.**  
**E. G. Rohrbaugh, Will E. Morris, S. A. Smith,**  
**By E. G. Rohrbaugh, Attorney-in-Fact, Glenville, W. Va.**

Log filed Dept. Mines (Over)  
 2/18/44

05/10/2024



RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS



Date April 29, 1986  
Operator's  
Well No. 1593 (Lease 12326)  
Farm F. Furr  
API No. 47 - 021 - 0630-D

MAY 5 1986

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

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: 855' Watershed Cedar Creek  
District: Dekalb County Gilmer Quadrangle Tanner

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 Harvey Beall,

ADDRESS Rt. 1, Box 330-G, Elkins, WV 26241

MINERAL RIGHTS OWNER Harvey Beall, et al

ADDRESS Rt. 1, Box 330-G, Elkins, WV 26241

OIL AND GAS INSPECTOR FOR THIS WORK Graig

Duckworth ADDRESS Gassaway, WV 26624

PERMIT ISSUED September 16, 1985

DRILLING COMMENCED January 7, 1986

DRILLING COMPLETED January 11, 1986

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 @ ft.
Size 20-16 Cond.			
13-10"	162'	162'	
9 5/8			
8 5/8	783'	783'	
7			
5 1/2			
4 1/2		4848'	2350'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 4900 feet

Depth of completed well 4916 feet Rotary x / Cable Tools \_\_\_\_\_

Water strata depth: Fresh - feet; Salt - feet

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

OPEN FLOW DATA Alexander, Cedar Creek See Fracture  
Producing formation Benson, Warren, Elizabeth Pay zone depth Details feet

Gas: Initial open flow 62 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 287 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 336 hours

Static rock pressure 1430 psig (surface measurement) after 72 hours shut in  
(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth 05/10/2024 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)

Gilmer 0630-D

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

Fractured by B-J Titan on 1-22-86.

First Stage - Perf 4760'-4802' W/10; 4604'-48' W/5; 12 Bbls. Acid, 162 Bbls. Water, 25,000# Sand, 375 Mcf N<sub>2</sub>.

Second Stage - Perf 4351'-58' W/15; 10 Bbls. Acid; 237 Bbls. Water; 35,000# Sand, 455 Mcf N<sub>2</sub>.

Third Stage - Perf 2901'-80' W/8; 2858'-74' W/7; 25 Bbls. Acid; 309 Bbls. Water; 35,000# Sand, 380 Mcf N<sub>2</sub>.

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 @			1209'		
Shale			1209'	1320	
Sand			1320	1376	
Sand & Shale			1376	1484	
Little Lime			1484	1511	
Shale			1511	1528	
Big Lime			1528	1580	
Big Injun			1580	1681	
Sand & Shale			1681	2899	
Warren			2899	3147	
Sand & Shale			3147	4350	
Benson			4350	4359	
Sand & Shale			4359	4732	
Alexander			4732	4807	
Shale			4807	4916	
Total Depth					4916'

(Attach separate sheets as necessary)

Carnegie Natural Gas Company  
Well Operator

By: Kenneth G. Dunay

Date: April 30, 1986

05/10/2024

**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."



1R-26  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

9-16-85

WELL TYPE \_\_\_\_\_  
ELEVATION \_\_\_\_\_  
DISTRICT DEKALB  
QUADRANGLE \_\_\_\_\_  
COUNTY GILMER

API# 47-021 - 0630-D  
OPERATOR CARNEGIE NATURAL GAS  
TELEPHONE \_\_\_\_\_  
FARM FLOYD FURR  
WELL # 1-1593

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

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

DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED 12/30/85

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

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

CASING

Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

TD \_\_\_\_\_ feet on \_\_\_\_\_

DEPARTMENT OF ENERGY  
OIL AND GAS

PLUGGING

JUN 17 1986

Type	From	To	Pipe Removed

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

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

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

Date Released 6/13/86

Craig Duckworth 05/10/2024  
Inspector's signature

API# 47 \_\_\_\_\_ - \_\_\_\_\_

LIST ALL VISITS FOR THIS PERMIT

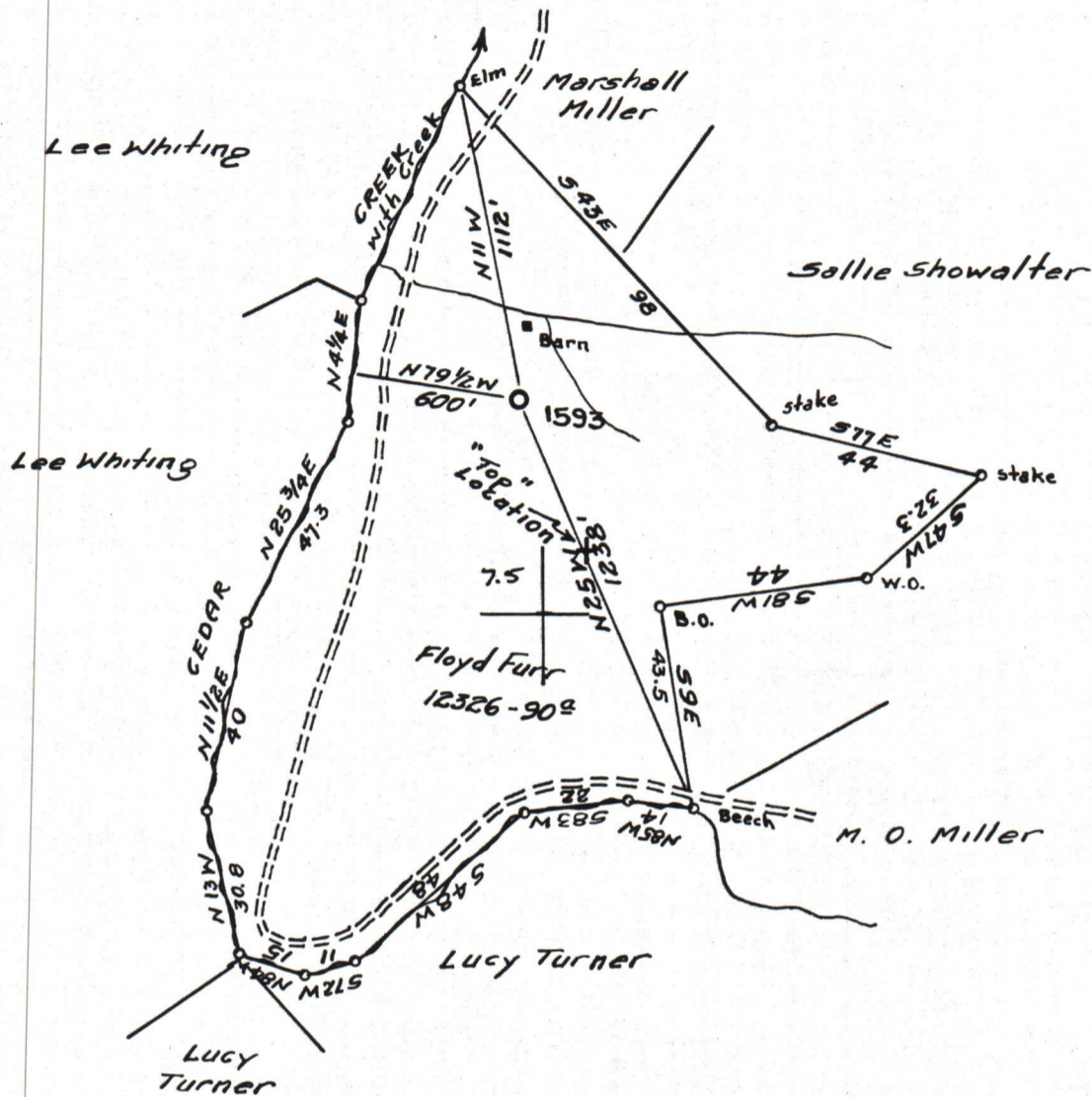
	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

8,200

Latitude 39° 00' / 38° 57' 30"

Longitude 80° 52' 30" / 80° 08' 50"



New Location...    
 Drill Deeper...  - 9/16/85   
 Abandonment...

Company CARNEGIE NATURAL GAS  
 800 Regis Ave.  
 Address PITTSBURGH, PA 15236  
 Farm Harvey Beall FLOYD FURR ETAL  
 Tract \_\_\_\_\_ Acres 90 Lease No. E-12326-20  
 Well (Farm) No. 1 Serial No. 1593  
 Elevation (Spirit Level) 855  
 Quadrangle GLENVILLE NW  
 County GILMER District DEKALB  
 Engineer D.T. BRITTON  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 11-4-43 Scale 1" = 40 rods

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

WELL LOCATION MAP  
 FILE NO. GIL-630-DD

05/10/2024

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-021