



1) Date: June 22, 1984, 19
 2) Operator's Well No. 522
 3) API Well No. 47 - 085 - 7083
 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: 922.25 Watershed: Huggers Run LKH10R1
 District: Grant 2 County: Ritchie Quadrangle: Harrisville 383
- 6) WELL OPERATOR CNG Development Company 10110
 Address One Park Ridge Center PO Box 15746
 Pittsburgh, Pa. 15244
- 7) DESIGNATED AGENT Gary Nicholas
 Address Crosswind Corporate Park Rte 2 Box 698
 Bridgeport, W. Va 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mr. Samuel Hersman
 Address P. O. Box 66
 Smithville, WV 26178
- 9) DRILLING CONTRACTOR:
 Name Sam Drilling Company
 Address P.O. Box 48
 Buckhannon, W. Va. 26201
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 5100 feet
- 13) Approximate strata depths: Fresh, - feet; salt, - feet.
- 14) Approximate coal seam depths: - Is coal being mined in the area? Yes / No

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OIL & GAS DIVISION
 DEPT. OF MINE

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	16					20-30	-		Kinds
Fresh water	11 3/4	H-40	42	X		250	250	To surface	By Rule 15.05
Coal									Sizes
Intermediate	8 5/8	X-42	23	X		2000	2000	To surface	By Rule 15.05
Production	4 1/2	J-55	10.5	X		5100	5100	200-400	Depths set
Tubing	1 1/2	Cn-55	2.75	X					By Rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7083

July 27, 1984
 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 July 27, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <i>LS</i>	Plat: <i>MH</i>	Casing: <i>MH</i>	Fee: <i>002 942</i>
---------------	------------------	-----------------	-------------------	---------------------

Margaret J. Hasse
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

Form fields for well location, operator, contractor, and geological information.

Table with columns for casing or tubing type, size, grade, weight, and specifications.

OFFICE USE ONLY

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

Table with columns for Date and Date(s) for various events like application received, well work started, etc.

OTHER INSPECTIONS

Form for recording other inspections with Reason and Date fields.

12/29/2023



IV-9
(Rev 8-81)

DATE May 23, 1984

WELL NO. CNGD 522

State of West Virginia API NO. 47 - 085 - 7083

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
Address One Park Ridge Center
Pittsburgh, PA 15219
Telephone (412) 429-2390

DESIGNATED AGENT Gary A. Nicholas
Address Crosswind Corporate Park
Bridgeport, WV 26330
Telephone (304) 623-8134

LANDOWNER W. V. Pulp & Paper

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Gary A. Nicholas (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-25-84

(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Along Access Road
Spacing Inside Road Cuts
Page Ref. Manual 2-12 to 2-14

Structure Diversion Ditch (1)
Material Earth
Page Ref. Manual 2-12 to 2-13

Structure Cross Drains (B)
Spacing As Noted On Sketch
Page Ref. Manual 2-1 to 2-6

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure Culverts (C)
Spacing As Noted On Sketch
Page Ref. Manual 2-7 to 2-11

Structure _____ (3)
Material _____
Page Ref. Manual _____

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DEPT. OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

PLAN PREPARED BY MSES Consultants

ADDRESS 609 West Main Street

Clarksburg, WV 26301

PHONE NO. 304-624-9700, 842-3325

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

HDW Robert [Signature]
12/29/2023

FARM O. Moore


DISTRICT Grant


COUNTY Ritchie

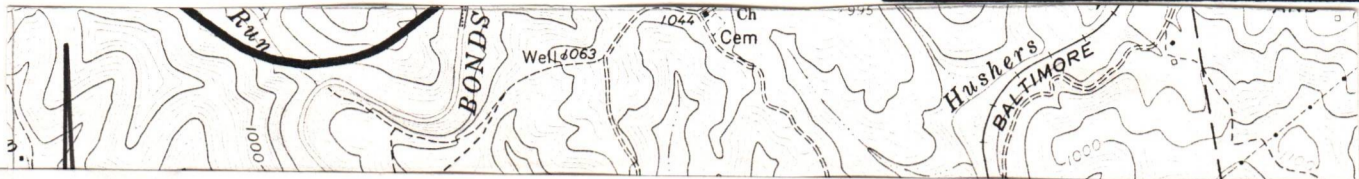
SCALE 1" = 2000'

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Harrisville 7.5' (1976)

LEGEND

Well Site 

Access Road 



FORM IV-2(A)

1) Date: July 6, 1984
 2) Operator's Well No. 522
 3) API Well No. 47-085-07083
 State County Permit

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 West Virginia Pulp and Paper Company
 Address Box 577
Rupert, WV 25984
- (ii) Name _____
 Address _____
- (iii) Name _____
 Address _____

- 5(i) COAL OPERATOR _____
 Address _____
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Mr. Otmer V. Moore
 Address Box 202
Ellenboro, WV 26346
 Name _____
 Address _____

P 626 988 821

RECEIPT FOR CERTIFIED MAIL

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

TO THE PER
 (1) :
 (2) :
 (3) :
 THE R
 WHICH ARE
 (FORM IV-2
 ACTION AT

Take
 erator pro
 for a Well
 Department
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 Constructi
 by hand to
 before the

- 6) EXTRACT
 Check an
 Inclu
 The r
- 7) ROYALTY
 Is the r
 or other
 for compe
 to the w

* U.S.G.P.O. 1983-403-517 PS Form 3800, Feb. 1982	Sent to <u>West Virginia Pulp & Paper Co.</u>	
	Street and No. <u>Box 577</u>	
	P.O., State and ZIP Code <u>Rupert, WV 25984</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	\$	<u>1.89</u>
Postmark or Date		

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

Form and the following documents:
 (1) Form IV-4 if the well is
 the drilling or other work,
 cable, the proposed casing and

Form IV-6; and
 unless the well work is only to
 sediment control and for

RIGHTS REGARDING THE APPLICATION
 OF THE COPY OF THE APPLICATION
 NOT REQUIRED TO TAKE ANY

ie, the undersigned well op-
 in and accompanying documents
 Oil and Gas, West Virginia
 scribed on attached Application
 Application, the plat, and the
 d or certified mail or delivered
 ain circumstances) on or

RECEIVED

JUL 11 1984

act or contracts by which
 (reverse side for specifics)

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

ed upon a lease or leases
 y or any similar provision
 is not inherently related
 d? Yes No

ed. 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
Paul W. Garrett
 this 6 day of JULY, 1984.
 My commission expires 5/25, 1987.
Yvonne T. Green
 Notary Public, Allegheny County,
 State of Pennsylvania

WELL
 OPERATOR CNG Development Company 12/29/2023
 By Paul W. Garrett
 Its Manager, Well Programs, Paul W. Garrett
 Address P. O. Box 15746
Pittsburgh, PA 15244
 Telephone 412-787-4090

YVONNE T. GREEN, NOTARY PUBLIC
 PITTSBURGH, ALLEGHENY COUNTY, PA.
 MY COMMISSION EXPIRES MAY 25, 1987



IV-35
(Rev 8-81)

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SEP 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date September 10, 1984
Operator's
Well No. CNGD Wn 522
Farm Otmer Moore
API No. 47 - 085 - 7083

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 / Shallow X /)

LOCATION: Elevation: 922.25 Watershed Hushers Run
District: Grant County Ritchie Quadrangle Harrisville

COMPANY CNG Development Company

ADDRESS P.O. Box 15746, Pittsburgh, PA 15275

DESIGNATED AGENT Gary A. Nicholas

ADDRESS Rt. 2 Box 698, Bridgeport, WV 26330

SURFACE OWNER W Va Pulp & Paper

ADDRESS Box 577, Rupert, WV 25984

MINERAL RIGHTS OWNER Otmer Moore

ADDRESS Box 202, Ellenboro, WV 26346

OIL AND GAS INSPECTOR FOR THIS WORK

Samuel Hersman ADDRESS P.O. Box 66 Smithville, WV 26178

PERMIT ISSUED 7-27-84

DRILLING COMMENCED 8-14-84

DRILLING COMPLETED 8-20-84

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11-3/4 11-3/4	257	257	To Surf.
9 5/8			
8 5/8	2043	2043	To Surf.
7			
5 1/2			
4 1/2	5094	5094	290 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5000 feet

Depth of completed well 5100 feet Rotary X / Cable Tools

Water strata depth: Fresh 75' feet; Salt feet

Coal seam depths: 1383 - 1390 1435 - 1440 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation 1st Stage Shale 2nd Stage Shale 3rd Stage Shale 4th Stage Shale Pay zone depth 4638 - 4708 4032 - 4107 3489 - 3550 2600 - 2774 feet

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

Final open flow 146 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 100# psig (surface measurement) after 1 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)

RIT 7083

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

Perfco Perf. Shale 4638 - 4708, 18 holes (.39)
 4032 - 4107, 18 holes (.39)
 3469 - 3550, 18 holes (.39)
 2600 - 2774, 20 holes (.39)
 B. J. Hughes - N₂ Frac - 1st stage; 11 pumpers, 80,000 Scf/min., 750 15% HCL, 700,000 Total N₂
 2nd Stage; 11 pumpers, 80,000 Scf/min, 500 15% HCL, 800,000 Total N₂
 3rd Stage; 11 pumpers, 80,000 Scf/min, 500 15% HCL, 800,000 Total N₂
 4th Stage, 11 pumpers, 80,000 Scf/min, 500 15% HCL, 800,000 Total N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay & Shale			0	3	Coal 1383 - 1390
Sh, Sd & RR			3	1383	1435 - 1440
Coal			1383	1390	
Sh, Sd			1390	1435	
Coal			1435	1440	
Sd, & Sh			1440	1800	
B. Lime			1800	1885	
Injun Sand			1885	1945	
Sd & Sh			1945	5100	
<u>LOG TOPS</u>					
Big Lime			1786	1870	
Big Injun			1870	1948	
Pocono			1957	1994	
Berea			2356	2360	
L. Huron			-	4735	
Pipe Creek			4943	4947	

(Attach separate sheets as necessary)

CNG Development Company

Well Operator

By: Larry A. Neuberger

12/29/2023

Date: September 10, 1984

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."

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. 085-7083

Oil or Gas Well _____
(KIND)

Company <u>C. N. G. Development</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>522#</u>	13			
District <u>Grant</u> County <u>Putnam</u>	10			Size of _____
Drilling commenced <u>8-15-84</u>	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 <u>1/2"</u> At <u>75'</u> feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names S. W. Jack — Rig-15# — Slick —

SURFACE JOB.

Remarks: visit site, Y.O. HOLE AT 289' RAN 257' OF 1 3/4
CEMENT WITH 130 SKS HALLIBARTH
RETURNED-(O.K.)

8-15-84
DATE

[Signature]
DISTRICT WELL INSPECTOR

12/29/2023

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.

DISTRICT 2012 12/20/2023

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

RECEIVED
AUG 21 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 085-7083

Oil or Gas Well _____
(KIND)

Company <u>C. N. G. Development.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>522</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>8-15-84</u>	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 S. W. JACK — Rig-15th — Slick.

Remarks: 1 Rig - Report

Visit site, they's Y.O. For 85's Y.O. At 2132' RAN 2043' of 85's
Cement with 340 sk's ⁵⁰ plus - 100 sk's neat -
Light mest of water in the injum

8-17-84

DATE

Mick Underwood 12/28/2023
DISTRICT WELL INSPECTOR

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.

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

RECEIVED
AUG 28 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well
(KIND)

Permit No. 085-7083

Company <u>C. N. G. Development</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>522 -</u>	13			Size of _____
District <u>Grant</u> County <u>Ritchie</u>	10			
Drilling commenced <u>8-15-84</u>	8 1/4			Depth set _____
Drilling completed <u>8-20-84</u> Total depth <u>5100'</u>	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 S. W. JACK - Rig - 15 - Slick

Remarks: Rig Report

visit site, T.D. 5100', RAW 5067' of 4 1/2
Cement with 290 sks plus 215 of 50 plus

8-20-84
DATE

Mike Underwood
DISTRICT WELL INSPECTOR

12/29/2023

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.

12/29/2023



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JUL 3 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
October 22, 1984

COMPANY CNG Development Company
P. O. Box 15746
Pittsburgh, Pennsylvania 15275

PERMIT NO 085-7083 (7-27-84)
FARM & WELL NO WV Pulp & Paper #522
DIST. & COUNTY Grant/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

SIGNED Samuel H. Hersman

DATE 6-26-85

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. ...
Administrator-Oil & Gas Division

July 11, 1985

DATE

TMS/nw

TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

API WELL NO.
47 - 085 - 7083
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW)

LOCATION: ELEVATION 922.25' WATER SHED HUSHERS RUN
DISTRICT GRANT COUNTY RITCHIE 12/29/2023
QUADRANGLE HARRISVILLE 7.5' (1975)

SURFACE OWNER WEST VIRGINIA PULP & PAPER ACREAGE 63
OIL & GAS ROYALTY OWNER OTMER MOORE LEASE ACREAGE 104
LEASE NO. 89215

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 DEVONIAN SHALE ESTIMATED DEPTH 5000'

WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA. 15219 BRIDGEPORT, W.V. 26330

12/29/2023

IN

CONCERNING THE LINE ITEM

- 1) Date of Notice.
- 2) Your well name
- 3) To be filled out
- 4) & 5) Use separate sheets
- 4) Surface owner(s) see also Code § 22-4-1k(d) co-owners of in such lands".
- 5(i) "Coal Operator" corporation through
- 5(ii, iii) See Code § 22-4-1k(d)
- 6) See Code § 22-4-1k(d) continuing contract provided below.
- 7) See Code § 22-4-1k(d)

CONCERNING THE REQUIRED

Filing. Code § 22-4-1k(d) copies of the Notice accompanied by (i) a plat of the forms prescribed by Code § 22-4-1k(d) 23, (iv) unless provided and 22-3-12a, and (v) owner of any water well

Service. In addition with an interest in

P 626 988 822

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1983-403-517 PS Form 3800, Feb. 1982	Sent to	Mr. Otmer V. Moore
	Street and No.	Box 202
	P.O., State and ZIP Code	Ellenboro, WV 26346
	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	\$ 1.89
Postmark or Date		

location. However, common or other action hold interests

ship association or

(s) or other connection in the space

final and required administrator, accompany a bond in one of per security allowed 12b and Regulation red by Code § 22-4-1a(c) § 22-4-8a from the led well.

s) and the person(s) 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
Otmer V. Moore, et ux	Consolidated Gas Supply Corporation	1/8	148	488

12/29/2023

1) Date: July 6, 1984
2) Operator's Well No. 522
3) API Well No. 47-085-07083
State County Permit

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 West Virginia Pulp and Paper Company
Address Box 577
Rupert, WV 25984
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Mr. Otmer V. Moore
Address Box 202
Ellenboro, WV 26346
Name _____
Address _____

6) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

P 626 988 821

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
West Virginia Pulp & Paper Co.	
Street and No.	
Box 577	
P.O., State and ZIP Code	
Rupert, WV 25984	
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	\$ 1.89
Postmark or Date	

PS Form 3800, Feb. 1982
* U.S.G.P.O. 1983-403-517

TO THE PER

- (1) _____
- (2) _____
- (3) _____

THE F WHICH ARE (FORM IV-2) ACTION AT

Take erator pro for a Well Department and depict Constructi by hand to before the

6) EXTRACTS

Check an Inclu I The r

7) ROYALTY

Is the r or other for compe to the w

you may use Allegavit Form IV-60.

form and the following documents:

- 1) (or Form IV-4 if the well is the drilling or other work, cable, the proposed casing and
- 2) Form IV-6; and
- 3) unless the well work is only to sediment control and for

RIGHTS REGARDING THE APPLICATION OF THE COPY OF THE APPLICATION NOT REQUIRED TO TAKE ANY

ie, the undersigned well op- in and accompanying documents Oil and Gas, West Virginia scribed on attached Application Application, the plat, and the d or certified mail or delivered ain circumstances) on or

RECEIVED

JUL 11 1984

act or contracts by which
reverse side for specifics)

OIL & GAS DIVISION
DEPT. OF MINES

ed upon a lease or leases y or any similar provision is not inherently related d? Yes No

ed. If the answer is Yes,

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 Paul W. Garrett

this 6 day of JULY, 1984.
My commission expires 5/25, 1987.

Yvonne T. Green
Notary Public, Allegheny County, State of Pennsylvania

WELL OPERATOR CNG Development Company
By Paul W. Garrett
Its Manager, Well Programs, Paul W. Garrett
Address P. O. Box 15746
Pittsburgh, PA 15244
Telephone 412-787-4090

YVONNE T. GREEN, NOTARY PUBLIC
PITTSBURGH, ALLEGHENY COUNTY, PA.
MY COMMISSION EXPIRES MAY 25, 1987

12/29/2023



IV-9
(Rev 8-81)

DATE May 23, 1984

WELL NO. CNGD 522

State of West Virginia API NO. 47 - 085 - 7083

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
Address One Park Ridge Center
Pittsburgh, PA 15219
Telephone (412) 429-2390

DESIGNATED AGENT Gary A. Nicholas
Address Crosswind Corporate Park
Bridgeport, WV 26330
Telephone (304) 623-8134

LANDOWNER W. V. Pulp & Paper
Revegetation to be carried out by Gary A. Nicholas (Agent)

SOIL CONS. DISTRICT Little Kanawha

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-25-84 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Along Access Road
Spacing Inside Road Cuts
Page Ref. Manual 2-12 to 2-14

Structure Diversion Ditch (1)
Material Earth
Page Ref. Manual 2-12 to 2-13

Structure Cross Drains (B)
Spacing As Noted On Sketch
Page Ref. Manual 2-1 to 2-6

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure Culverts (C)
Spacing As Noted On Sketch
Page Ref. Manual 2-7 to 2-11

Structure _____ (3)
Material _____
Page Ref. Manual _____

RECEIVED
JUL 11 1984
OIL & GAS DIVISION
DEPT. OF MINES

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 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
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Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

HNV Robert Staley
12/29/2023

PLAN PREPARED BY MSES Consultants

ADDRESS 609 West Main Street
Clarksburg, WV 26301

PHONE NO. 304-624-9700, 842-3325

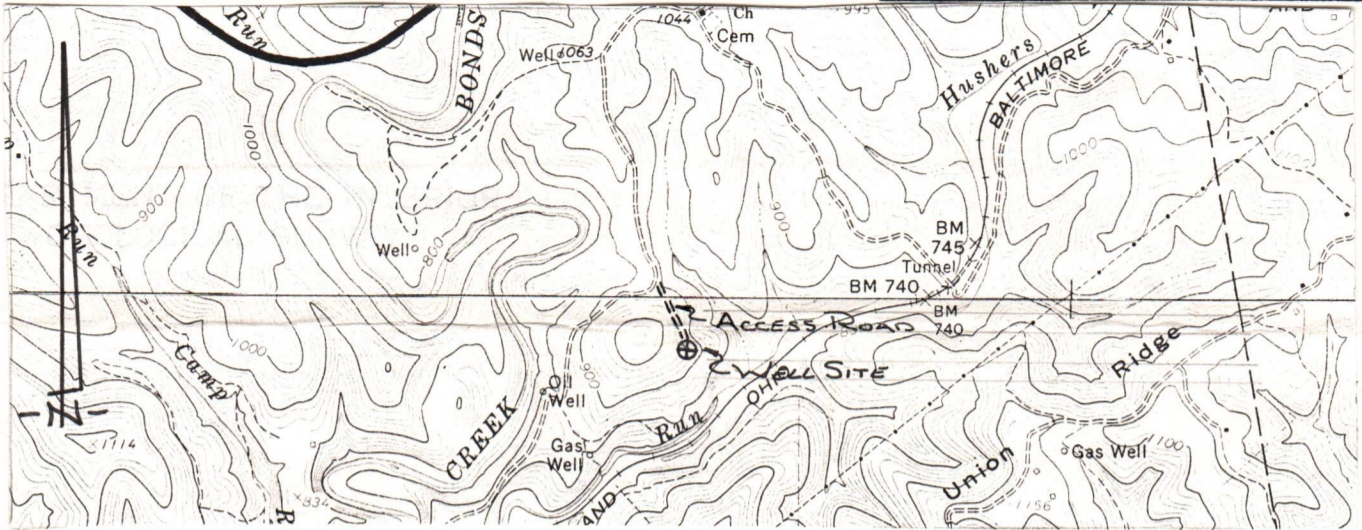
NOTES: Please contact landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Harrisville 7.5' (1976)

LEGEND

Well Site ⊕

Access Road ———

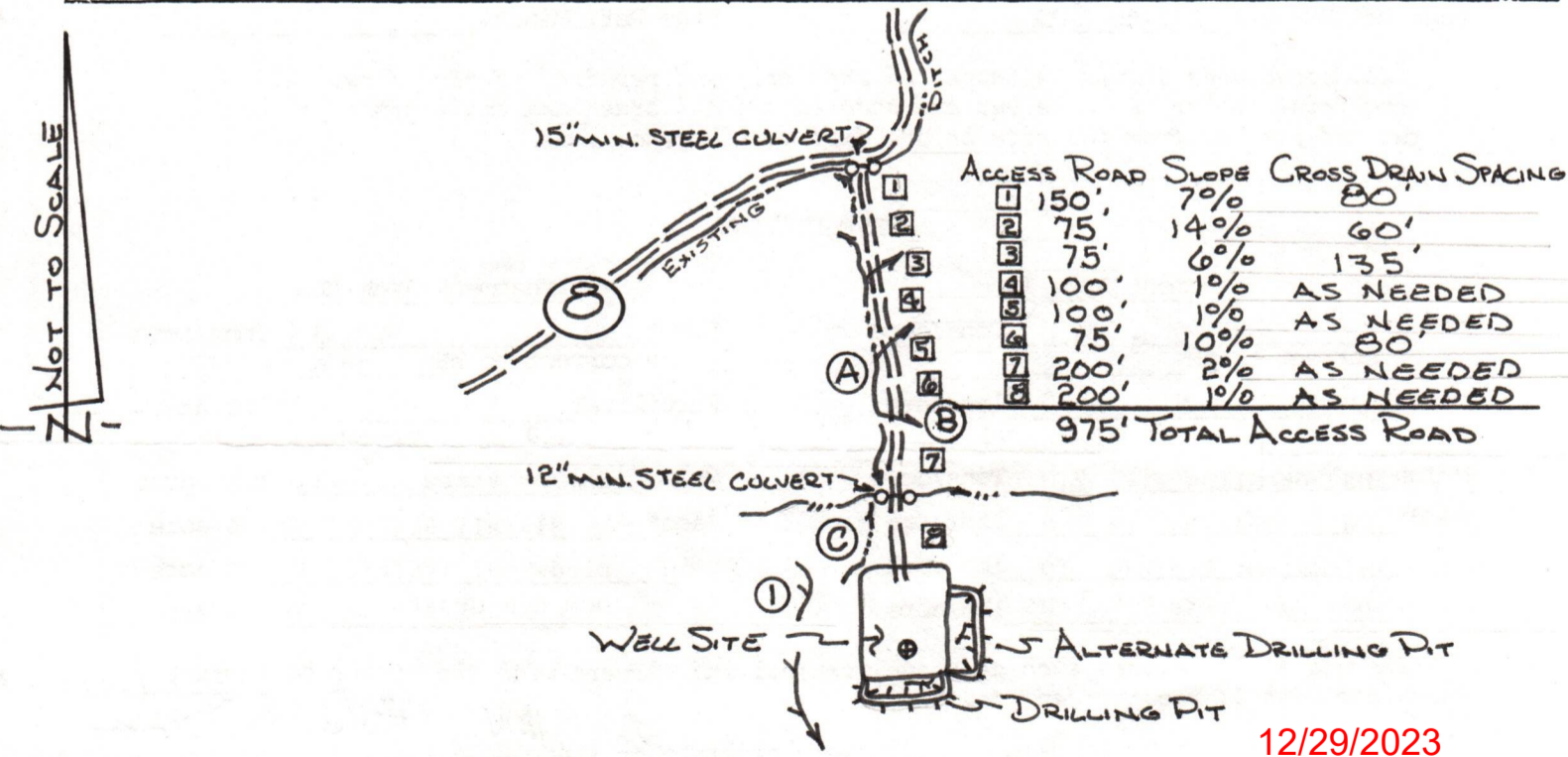


WELL SITE PLAN

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.

LEGEND

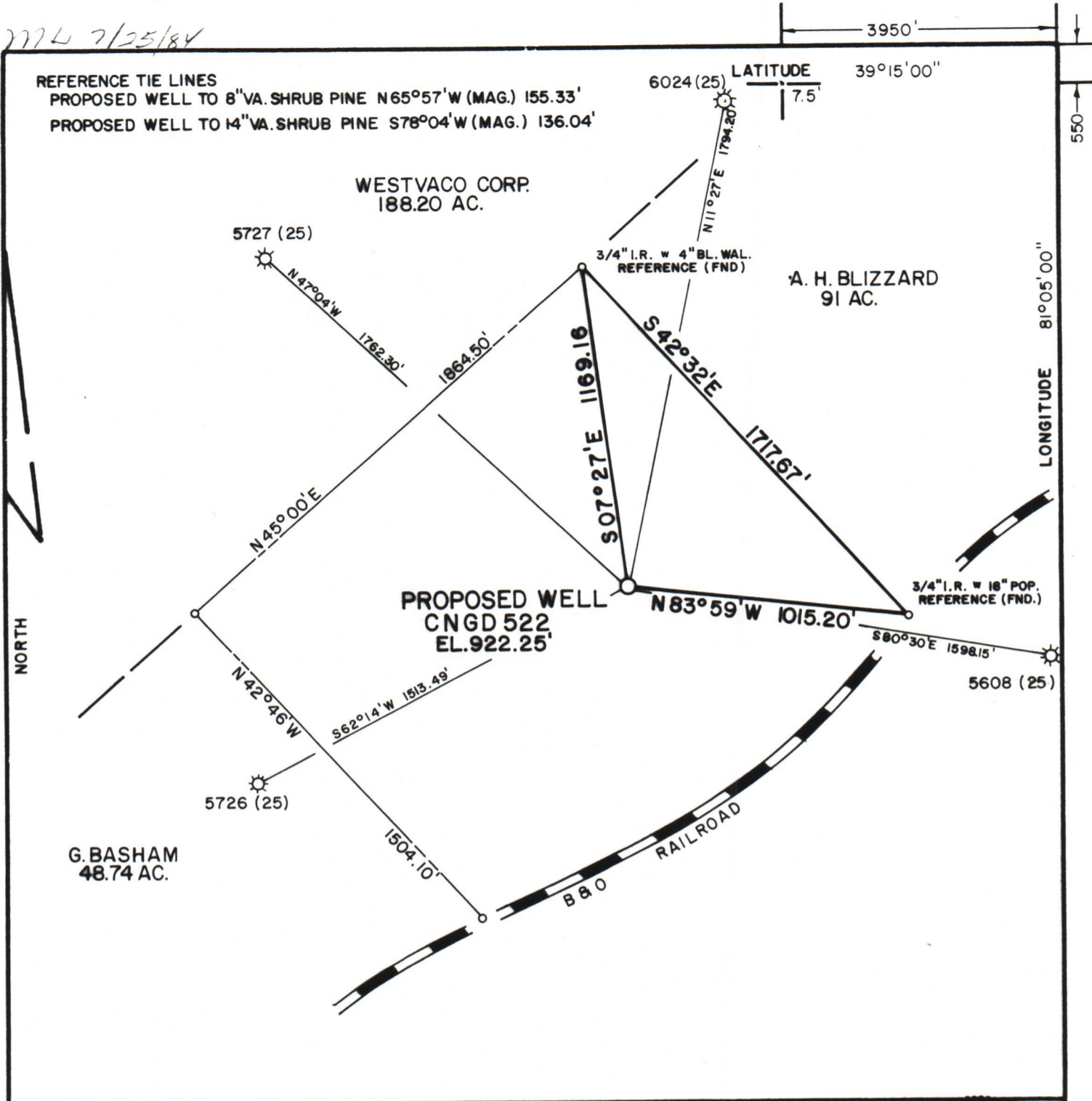
- Property boundary ———
- Road = = = = =
- Existing fence — x — x —
- Planned fence — / — / —
- Stream ~ ~ ~ ~ ~
- Open ditch — ···· → — ···· → — ···· → — ···· →
- Diversion // // // // //
- Spring ⊙ →
- Wet spot ⊕
- Building ■
- Drain pipe — ○ — ○ — ○ — ○ —
- Waterway ← = = = = =



12/29/2023

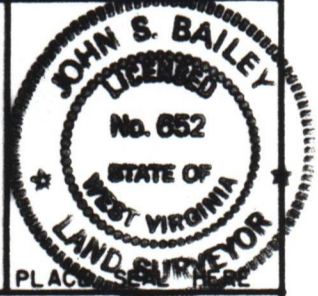
Comments: Access to the well site will be gained by constructing approximately 975 feet of new access road, beginning at a junction point in the Ritchie County Route 8. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Natural vegetation (filter strip) will remain undisturbed in areas between construction and natural water courses.

774 7/25/84



FILE NO. MSES 84-414
 DRAWING NO. _____
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BM EL. 740 END OF TUNNEL

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) John S. Bailey
 R. P. E. _____ L. L. S. 652



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



Department of Mines
 Oil & Gas Division

DATE JUNE 7, 19 84
 OPERATOR'S WELL NO. CNGD 522
 API WELL NO. 47 - 085 - 7083
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 922.25' WATER SHED HUSHERS RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE HARRISVILLE 7.5' (1975)
 SURFACE OWNER WEST VIRGINIA PULP & PAPER ACREAGE 63
 OIL & GAS ROYALTY OWNER OTMER MOORE LEASE ACREAGE 12/29/2023
 LEASE NO. 89215
 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 DEVONIAN SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA. 15219 BRIDGEPORT, W.V. 26330