



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 21 1972 - CEN

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE June 21, 1972

Surface Owner WestVaCo
Address New York, N. Y.
Mineral Owner Anna C. Thorn, et al
Address 503 27th. Ave, Vienna, W. Va. 26105
Coal Owner None
Address None
Coal Operator None
Address None

Company Glen W. Roberts
Address Elizabeth, W. Va. 26143
WestVaCo - Surf.
Farm Anna C. Thorn, Min. Acres 194
Location (waters) Thorn's Run
Well No. One (1) Elevation 706'
District Reedy County Wirt
Quadrangle Spencer

INSPECTOR TO BE NOTIFIED
Fred Burdette
Sissonville, W.Va. PH: 984-9263

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 11-21-72.

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 22 1970 by Anna C. Thorn et al made to Thorn C. Roberts and recorded on the _____ day of June 1972, in Wirt County, Book 137 Page 731 and assigned to Glen W. Roberts

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,
(Sign Name) Glen W. Roberts
Well Operator

Address
of
Well Operator

P. O. Box 92
Street
Elizabeth
City or Town
West Virginia 26143
State

01/26/2024

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BOND DRILL

WIRT-590

PERMIT NUMBER

A-2

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT:
NAME F.W.A. _____ NAME J. R. Archer _____
ADDRESS Elkview, W. Va. _____ ADDRESS Elkview, W. Va. _____
TELEPHONE 965-5201 _____ TELEPHONE 965-5201 _____
ESTIMATED DEPTH OF COMPLETED WELL: 2300' _____ ROTARY X _____ CABLE TOOLS _____
PROPOSED GEOLOGICAL FORMATION: Berea _____
TYPE OF WELL: OIL _____ GAS _____ COMB. X _____ STORAGE _____ DISPOSAL _____
RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	175' +	175' +	Cement to Surface
7			
5 1/2			
4 1/2	2300' +	2300' +	50 Sacks
3			Perf. Top
2			Perf. Bottom <u>Berea</u>
Liners			Perf. Top <u>Sand</u>
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER 1600 FEET _____
APPROXIMATE COAL DEPTHS None _____
IS COAL BEING MINED IN THE AREA? No _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

01/26/2024

For Coal Company

Official Title

State of West Virginia

BOND FOR SINGLE OIL OR GAS WELL

KNOW ALL MEN BY THESE PRESENTS:

That we, Glen W. Roberts as principal and Royal Indemnity Company a corporation, as surety are held and firmly bound unto the State of West Virginia, in the just and full sum of \$1,000.00, to the payment whereof, well and truly made, we bind ourselves, our personal representatives, successors, heirs and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATIONS IS SUCH THAT, WHEREAS, the above bound principal (s) in pursuance of the provisions of Chapter 22, Article 4 of the Code of West Virginia, 1931, as amended, to obtain from the Deputy Director, Oil and Gas Division, Department of Mines of the State of West Virginia, a permit only as indicated.

- Drill)
- Re-drill)
- Deepen)
- Plug)
- Fracture-Stimulate)

an oil or gas well located at or near Palestine in Reedy District, Wirt County, West Virginia. Please make application on the appropriate form to the Oil and Gas Division.

NOW, THEREFORE, if the said principal (s), in drilling, re-drilling, deepening, fracturing-stimulating, plugging or partial plugging said well shall do so in full compliance with all laws, rules and regulations relating to the drilling, re-drilling, deepening, fracturing-stimulating, plugging, partial plugging and casing of wells shall furnish such reports and information as may be required by the Oil and Gas Division, West Virginia Department of Mines, then this obligation shall be void. Otherwise, it shall remain in full force and effect and subject to forfeiture.

IN WITNESS WHEREOF the said principal has hereunto set his name and affixed his seal, and the said surety has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed by Richard H. Brumbaugh, its officer or agent thereunto duly authorized, all of which is done as of the 21st day of July, 19 72

COUNTERSIGNED:

by [Signature]
Licensed Resident Agent

Glen W. Roberts
Principal

by [Signature]

ROYAL INDEMNITY COMPANY
Surety

by [Signature]
Attorney in Fact

Surety Company's Power of Attorney must be attached.

(continued on reverse side)

01/26/2024

STATE OF WEST VIRGINIA

COUNTY OF Wirt, to wit:

I, James J. Jarvis, a Notary Public in and for the county of Wirt, do hereby certify that Glen W. Roberts, whose name is signed bearing date the 21st day of July, 19 72, the same before me in the county and state aforesaid.

this 21st day of July, 19 72.

James J. Jarvis
Notary Public

October 4, 1981

A _____, to wit:

_____, a Notary Public in and for the county and state aforesaid, do hereby certify that _____, who as _____, hereto annexed, for _____, a _____ day of _____, 19 _____, before me, acknowledged the said writing to be the act and deed

this _____ day of _____, 19 _____.

Notary Public

☆ GPO : 1974 O - 527 - 800 VIRGINIA

COUNTY OF Roane, to wit:

I, Carol Board, a Notary Public in and for the county and state aforesaid, do hereby certify that Richard H. Brumbaugh, who as Attorney in Fact, signed the writing above, or hereto annexed, for Royal Indemnity Co., a corporation, bearing date the 21st day of July, 19 72, has this day in my said county, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand this 21st day of July, 19 72.

(SEAL)

Carol Board
Notary Public

My Commission expires March 16, 1974.

PS Form 3811, Nov. 1973

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1 and 2. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
 Show to whom and date delivered..... 15¢
 Show to whom, date, & address of delivery.. 35¢
 DELIVER ONLY TO ADDRESSEE and show to whom and date delivered..... 65¢
 DELIVER ONLY TO ADDRESSEE and show to whom, date, and address of delivery 85¢

2. ARTICLE ADDRESSED TO:
 Glen W. Roberts
 P.O. Box 92
 Elizabeth, W.Va. 26143

3. ARTICLE DESCRIPTION:
 REGISTERED NO. CERTIFIED NO. INSURED NO.
 18696

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE
Glen W. Roberts

4. DATE OF DELIVERY POSTMARK
July 20 1975

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

(Acknowledgement)
for
(Surety)



Power of Attorney

No. 14093

KNOW ALL MEN BY THESE PRESENTS: That the ROYAL INDEMNITY COMPANY

, a corporation of the State of NEW YORK

pursuant to the following By-Law, which was adopted by the Directors of the said Company on _____

September 20, 1950, to wit:

Article V, Section I, Provides "The President, any Vice-President, or any other Officer designated by the Board of Directors shall have power and authority to appoint Resident Vice-Presidents, Resident Secretaries, Resident Assistant Secretaries, and Attorneys in fact, and to give such appointees full power and authority to sign, and to seal with the Company's seal, where required, all policies, bonds, recognizances, stipulations and all underwriting undertakings, and he may at any time in his judgment remove any such appointees and revoke any authority given to them."

does hereby nominate, constitute and appoint RICHARD H. BRUMBAUGH - - - - -

of SPENCER, in the State of WEST VIRGINIA

its true and lawful ATTORNEY(S)-IN-FACT, to make, execute and deliver on its behalf as Surety, bonds and undertakings, the penal sum of no one of which is in any event, to exceed FIFTY THOUSAND - - - - -

(\$ 50,000.) Dollars.

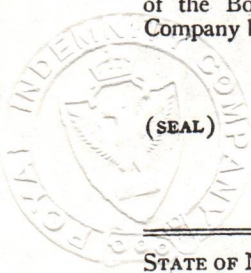
Such bonds and undertakings, when duly executed by the aforesaid Attorney(s)-in-Fact shall be binding upon the said Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

IN WITNESS WHEREOF, the said ROYAL INDEMNITY COMPANY has caused its corporate seal to be hereunto affixed and these presents to be duly executed by its proper Officers, on this 30 day of November, 1960, at the City of New York, New York.

Attest: ROYAL INDEMNITY COMPANY
ELEANOR CHRISTIANSEN By W. L. FALK
Assistant Secretary *Vice-President*

STATE OF NEW YORK } ss.:
COUNTY OF NEW YORK

On this 30 day of November, 1960, before me personally appeared W. L. FALK, Vice-President of the ROYAL INDEMNITY COMPANY, with whom I am personally acquainted, who, being by me duly sworn, said: that he resides in the State of NEW YORK; that he is Vice-President of the ROYAL INDEMNITY COMPANY, the corporation described in and which executed the foregoing instrument, that he knows the corporate seal of the said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto as Vice-President of said Company by like authority.



Robert F. Kirchert, Notary Public, State of New York,
No. 24-7277375, Qualified in Kings County
Cert. filed in New York County
Term Expires March 30, 1962

STATE OF NEW YORK } ss.:
COUNTY OF NEW YORK

I, ELEANOR CHRISTIANSEN Assistant Secretary of the ROYAL INDEMNITY COMPANY, corporation of the State of NEW YORK, do hereby certify that the above and foregoing is a full, true and correct copy of Power of Attorney issued by said ROYAL INDEMNITY COMPANY, and that I have compared same with the original and that it is a correct transcript therefrom and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of New York, this 21st day of July, 1972.

Eleanor Christiansen
Assistant Secretary

01/26/2024



RECEIVED

JUN 11 1974

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

Rotary Oil _____
Cable _____ Gas C. NOLL
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Spencer
Permit No. WIR- 590

39-00
⑨ 1-24

Company Glen W. Roberts
Address Elizabeth, W. Va. 26143
Farm Anna Thorn Acres 194
Location (waters) Thorn's Run
Well No. One (1) Elev. 714 KB
District Reedy County Wirt
The surface of tract is owned in fee by Westvaco - Lubeck, West Virginia
Address _____
Mineral rights are owned by Anna Thorn, et al
Address Vienna, W. Va. 26105
Drilling Commenced 7-22-72
Drilling Completed 7-25-72
Initial open flow 100,000. cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test 900# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	188'	188'	90 sks
7			
5 1/2			
4 1/2	XXXX	2328'	35 sks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
600 bbls., water - 30,000 # sand - 250 gal., mud acid - W9-J207-F52 Ca. Cl. & Free Flow.
Lost treatment = Cement failure.

Coal was encountered at NONE Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Berea Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale- Sand- Red-rock,			0	1542		
Salt sand			1542	1930		
Big Injun			1930	1950		
Shale			1950	2250		
CoffeeShale			2250	2262		
Berea			2262	2275	Show - perf. regular jet-	8 holes.
Shale & Siltstone			2275	2335	Total Depth	
<p>Injun Sand 1800-1829 - looked interesting after failing on Beria treatment. Set Standard solid C. I. wire line plug at 1930. Perforated at 1900. Squeeze cement to cover injun. Perforated 1809-1829 - Water indicated - no treatment.</p>						

01/26/2024

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			1842	0		State - Sand - Red-rock
			1830	1842		Soft sand
			1800	1830		Big Intum
			1820	1800		State
			1805	1820		Coarse silt
			1878	1805		State
			1833	1878		State - Siltsone
						Intum sand 1800-1820 - looked interesting after falling on barrel treatment. See standard solid 1/2" wire line plug at 1800. Perforated at 1800. Spacers count to cover intum. 1800-1820 - later treated - no treatment.

01/26/2024

Date June 10, 1974
 APPROVED Glenn Robert, Owner
 By _____ (Title)

B-2

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

RECEIVED

JUL 28 1972

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIRT-590

Oil or Gas Well Gas
(KIND)

Company <u>Glen W. Roberts</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Elizabeth, W. Va</u>	Size			
Farm <u>Anna C. Thorn - Mineral</u>	16			Kind of Packer
<u>W. Va. Co. Surface</u>	13			
Well No. <u>1</u>	<u>8 5/8</u>	<u>188</u>		Size of
District <u>Reedy</u> County <u>Wirt</u>	8 1/4			
Drilling commenced <u>7/22/72</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:

Drilling at 2030 ft. F W A Rotary drilling Contractor.
188 ft of 8 5/8 Cemented to surface.

*100 mcf, in
Berea*

7/25/72

DATE

Fred Burdette

DISTRICT WELL INSPECTOR

01/26/2024

B-3

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

RECEIVED
SEP 17 1974
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. WIR-590-P Well No. 1

COMPANY Glen W. Roberts ADDRESS _____

FARM Anna Thorn DISTRICT Reedy COUNTY Wirt

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
2338 - 1930	-					
1930 - 1900	wire line plug with Cem					
1900 -						

Drillers' Names Steve Rains

Glen Roberts - Service Rig

Remarks: _____

9-13-74
DATE

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

[Signature]
DISTRICT WELL INSPECTOR
01/26/2024

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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:

DATE

01/26/2024

DISTRICT WELL INSPECTOR

B-4

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

RECEIVED

SEP 18 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. WIR-590-P Well No. 1

COMPANY Glen Roberts ADDRESS _____

FARM Anna Thorn DISTRICT Reedy COUNTY Wirt

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
2338-1930	- -					
1930-1900	wire line plug with Cement					
1900 -						

Drillers' Names Steve Rains
Glen Roberts - Service Rig

Remarks:
Job Comm - 9-13-74

9-16-74 I hereby certify I visited the above well on this date.
DATE

[Signature]
DISTRICT WELL INSPECTOR
01/26/2024

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____	Size			
Address _____	16			Kind of Packer _____
Farm _____	13			
Well No. _____	10			Size of _____
District _____ County _____	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: _____

DATE

01/26/2024
DISTRICT WELL INSPECTOR

B-5

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

RECEIVED

SEP 20 1974

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

Permit No. Wir-590-P Well No. 1

COMPANY Glen W. Roberts ADDRESS _____

FARM ANNA THORN DISTRICT Reedy COUNTY Wirt

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
<u>2338 - 1930</u>	<u>—</u>					
<u>1930 - 1900</u>	<u>wire line plug</u>	<u>with Cem</u>				

Drillers' Names Steve Raines
Service Rig - Glen Roberts

Remarks:
Rig shut down

9-18-74 I hereby certify I visited the above well on this date.
DATE

[Signature]
DISTRICT WELL INSPECTOR
01/26/2024

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used			
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____	NAME OF SERVICE COMPANY _____			
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES	_____ FEET _____ INCHES FEET _____ INCHES			
_____ FEET _____ INCHES FEET _____ INCHES	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

DATE _____

01/26/2024
DISTRICT WELL INSPECTOR

B-6

RECEIVED
OCT 4 1974
OIL & GAS DIVISION
DEPT. OF MINES

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

Permit No. Wir-590-P Well No. 1

COMPANY Glen Roberts ADDRESS _____

FARM ANNA Thorn DISTRICT Reedy COUNTY Wirt

Filling Material Used _____

Liner	Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES	
CEMENT-THICKNESS			CONSTRUCTION-LOCATION	
WOOD-SIZE			RECOVERED	
LEAD			SIZE	
			LOST	
<u>2338 - 1930</u>	<u>-</u>		<u>1450</u>	<u>4 1/2</u>
<u>1930 - 1900</u>	<u>wire line plug with cement</u>			
<u>1900 - 1600</u>	<u>-</u>			
<u>1600 - 1570</u>	<u>wire line plug with cement</u>			
<u>1570 - 1450</u>	<u>-</u>			
<u>1450 - 1430</u>	<u>Cem</u>			
<u>1430 - 200</u>				
<u>200 - 180</u>	<u>Cem</u>	<u>- Bridge at - 200'</u>		
<u>180 - 10</u>	<u>stone & clay</u>			

Drillers' Names Steve Rains

Glen Roberts - Service Rig

Remarks:
Sand Surveys Set wire line plugs

10-2-74
DATE I hereby certify I visited the above well on this date.

OPH...right
DISTRICT WELL INSPECTOR **01/26/2024**

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used			
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____	NAME OF SERVICE COMPANY _____			
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES	_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

DATE

01/26/2024
DISTRICT WELL INSPECTOR

B-7



State of West Virginia

**Department of Mines
Oil and Gas Division**

Charleston 25305

December 11, 1974

**JOHN ASHCRAFT
Director**

**ROBERT L. DODD
Deputy Director**

Paul Goodnight
Smithville, W.Va.

PERMIT	_____	WIRT-590-P
COMPANY	_____	Glen W. Roberts
FARM	_____	Anna Thorn
WELL NO	_____	1
DISTRICT	_____	Reedy
COUNTY	_____	Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/ CC

01/26/2024



RECEIVED

JUN 11 1974-CEN

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

NONE
Coal Operator

Glen W. Roberts
Name of Well Operator

NONE
Address

P. O. Box 92 - Elizabeth, W. Va. 26183
Complete Address

NONE
Coal Owner

June 10, 1974
Date

WELL TO BE ABANDONED

Address

Reedy District

Anna Thorn
Lease or Property Owner

Wirt County

Well No. 590 ONE

Vienna, W. Va. 26105
Address

Anna Thorn Farm

Fred Burdette-Inspector-at-Large- Sissonville, W. Va. 984-9263
Inspector K. Paul Goodnight-Smithville, W. Va. Telephone 477-2455

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Glen W. Roberts

Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations. 01/26/2024

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

BOND PLUG

WIR 590-P

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND

B-9

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Set standard solid C. I. wire line plug at 1930' cemented thereon, seal berea.

Set standard solid C. I. wire line plug at 1600', 2 sks cement thereon.

Shoot off 4-1/2" at top of outside cement to pull up, set bridge on top casing = 10 ft. Gravel and red mud, 2 sks cement thereon. Pull 4-1/2' casing.

Set Bridge @ 200'-Cement 200' - 180' - Fill with Stone and Clay to 10'

~~Set bridge in surface~~ set 7" casing thereon to extend to 30" above ground level,

cemented in place. Marked on top with date- GWR on Anna Thorn= Wir. 590.

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

Gene W. Roberts

Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

11th. day of June, 1974.

01/26/2024

DEPARTMENT OF MINES
Oil and Gas Division

By: *[Signature]*

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

B-10

FORM OG-8

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

RECEIVED

AUG 7 1975

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

None
COAL OPERATOR OR OWNER

ADDRESS

None
COAL OPERATOR OR OWNER

ADDRESS

Anna Thorn
LEASE OR PROPERTY OWNER

Vienna, W. Va. 26105
ADDRESS

Glen W. Roberts
NAME OF WELL OPERATOR

Box 92, Elizabeth, W. Va. 26143
COMPLETE ADDRESS

December 4 1974
WELL AND LOCATION

Reedy District

Wirt County

Well No. One (1)

Anna Thorn Farm

STATE INSPECTOR SUPERVISING PLUGGING Fred Burdette

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wirt } SS:

Irvin E. Walker and Milford Westfall

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Glen W. Roberts, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 20th day of September, 19 74, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Set standard solid	C. I. wire line plug at 1900' cemented thereon, seal Berea			
Set standard solid	C. I. wire line plug at 1600', 2 sks. cement thereon			
Shoot off 4 1/2" at top of outside cement to pull up				
Set bridge on top casing - 10ft. gravel and red mud,	2 sks. cement thereon			
Pull 4 1/2" casing				
Set bridge @ 200' - Cement 200' - 180' - Fill with Stone and clay to 10'				
Set bridge in surface, set 7" casing thereon to extend to 30" above ground level, cemented in place.				
Mark on top with date - GWR on Anna Thorn - Wirt 590-P				
COAL SEAMS (NAME)	DESCRIPTION OF MONUMENT			
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 27th day of September, 19 74.

And further deponents saith not.

Irvin E. Walker
Milford Westfall 01/26/2024

James D. James
Notary Public.

Sworn to and subscribed before me this 4th day of December, 1974.

My commission expires:
October 4, 1981

Permit No. Wirt 590-P

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

RECEIVED

MAR 18 1975

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIRT-590-P

Oil or Gas Well Gas
(KIND)

Company <u>Glen W. Roberts</u> Address <u>P. O. Bx 92,</u> <u>Elizabeth, W. Va</u> Farm <u>Anna Thorn</u> Well No. <u>1</u> District <u>Reedy</u> County <u>Wirt</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
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
Drilling commenced	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Drilling completed _____ Total depth _____	NAME OF SERVICE COMPANY _____			
Date shot _____ Depth of shot _____	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Initial open flow _____ /10ths Water in _____ Inch	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Open flow after tubing _____ /10ths Merc. in _____ Inch	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Volume _____ Cu. Ft.				
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

Drillers' Names _____

Remarks:

Final inspection has been made for bond release.

3/10/75

DATE

Fred L. [Signature] 01/28/2024

DISTRICT WELL INSPECTOR

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: _____

_____ I hereby certify I visited the above well on this date.

DATE

01/26/2024
 DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

March 19, 1975

Glen W. Roberts
P.O. Box 92
Elizabeth, W.Va. 26143

In Re: Permit No. WIRT-590-P
Farm Anna Thorn
Well No. 1
District Roedy
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

 The bond covering the well designated by the above permit number has been released under your Blanket Bond.

XXXXXX Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

Deputy Director
Oil and Gas Division

Enclosure: RLD/cc

Bond # 634392 dated 6-11-74

01/26/2024

E-6

WEST VIRGINIA DEPARTMENT OF MINES
CHARLESTON, WEST VIRGINIA
INTER-OFFICE MEMORANDUM

TO:

Ed

DATE:

5-16-73

FROM:

Glenn Roberts

SUBJECT:

WW 590 -

Glenn Roberts called this wells production string channeled and is not complete
he moved off last fall, will move back in this summer and complete.

has 100M Natural in Berea

at time of completion a well record will be submitted.

E-1

December 17, 1973

Please submit records for the following wells...

WIRT-588 - Glenn Roberts # 2 - Spring Creek District	-	Issued - 1-4-72
WIRT-590 - Anna C. Thorn # 1 - Reedy District	-	" 7-21-72 -
WIRT-591 - Thorn C. Roberts # 1 - Reedy District	-	" 7-25-72 x
WIRT-601 - Joe Parsons # 1 - Burning Springs Dist.	-	" 9-14-72 -
WIRT-607 - Joe Parsons # 2 - Burning Springs Dist.	-	" 10-31-72 -
WIRT-615 - D. P. Ferree # 1 - Burning Springs Dist.	-	" 12-21-72 -

We would appreciate these well records immediately....

Robert L. Dodd

* WIRT -588 - Colonial Gas Company - on Glen W. Roberts farm - NOT MY WELL-

WIRT 590 - Anna C. Thorn#1 -Due to failure of cement job well has not been completed, additional time is requested to complete.

WIRT 591 - Thorn C. Roberts #1 - Due to isolation additional time is requested to perforate and complete this well.

Wirt - 601, 607, and 615 are enclosed as requested.

December 28, 1973.

Glen W. Roberts/jhe

RECEIVED
 DEC 28 1973
 OIL & GAS DIVISION
 DEPT. OF MINES

01/26/2024



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

December 17, 1973

Glen W. Roberts
P.O. Box 92
Elizabeth, W.Va. 26143

Dear Sir:

Please submit well records for the
Permits listed on the back of this
Sheet.....

IN RE: Permit _____
Farm _____
Well No. _____
District _____
County _____
Issued _____

Gentlemen:

Please send two copies of the completion drilling record for the
above described well location, in order that our inspector can make a
final inspection for bond release.

Administrative Regulations-Rule 2.09 (3) reads; Well Record to be
submitted. Within ninety days after the drilling, fracturing and/or
treating of any oil and/or gas well is completed, two copies of form
OG-10 (Well Record and/or Log), shall be sent by registered mail by
the well operator or owner to the Deputy Director.

We would appreciate the above information at your earliest
convenience.

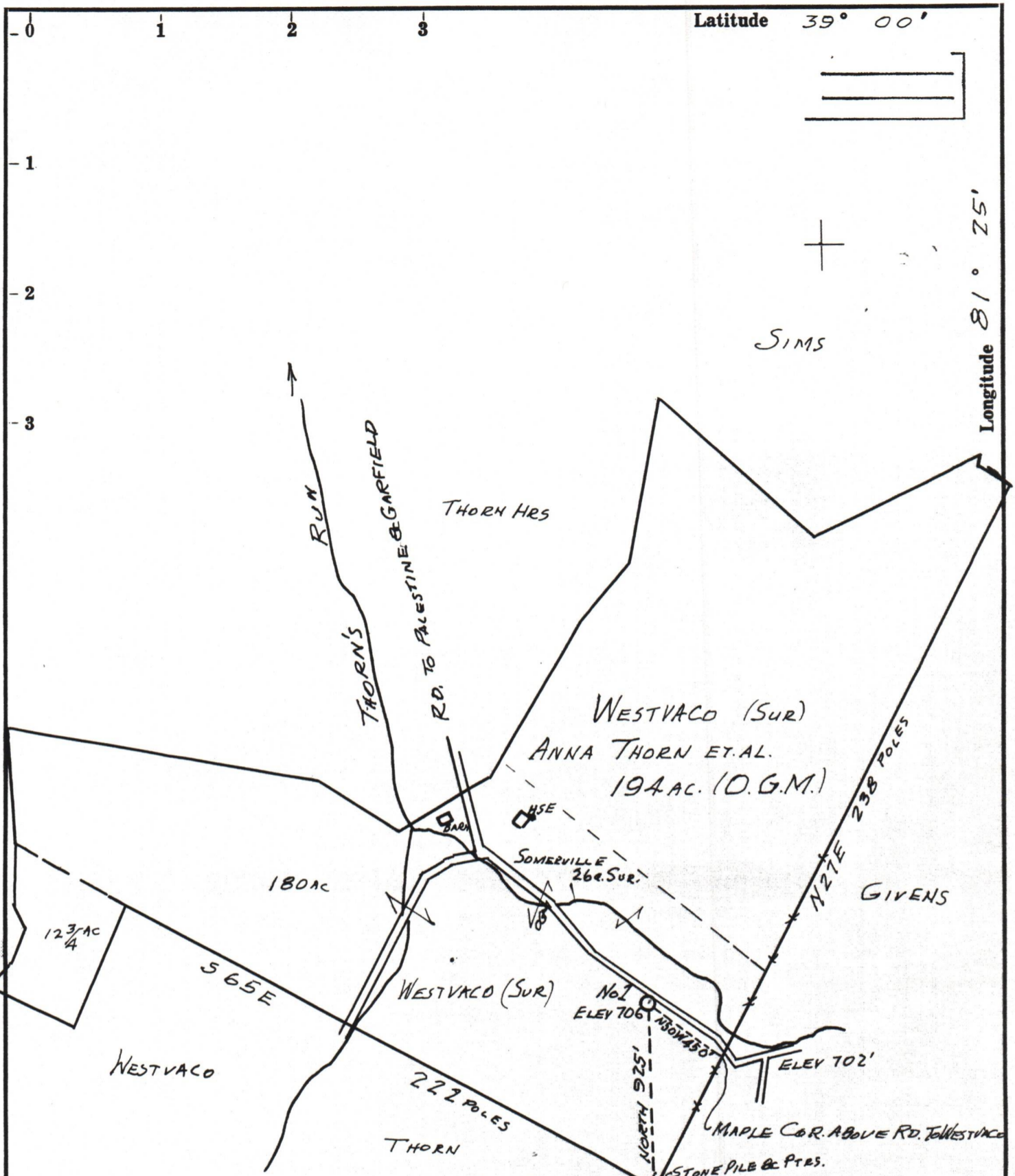
Very truly yours,

Deputy Director
Oil and Gas Division

RLD/cc

01/26/2024

Over



- Fracture....
- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment 6-11-74

Source of Elevation ROAD FKS. ABOVE LOC.

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company GLEN W. ROBERTS
 Address ELIZABETH, WEST VA.
 Farm WESTVACO (SUR) ANNA THORN ET AL. (O.G.M.)
 Tract _____ Acres 194 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 706 FT
 Quadrangle SPENCER
 County WIRT District REEDY.
 Surveyor or Engineer Glen W Roberts
 Surveyor's or Engineer's Registration No. 860
 File No. _____ Drawing No. _____
 Date 7/21/72 Scale 1 IN = 40 POLES

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

WELL LOCATION MAP
 FILE NO. Wirt-590-P

01/26/2024

+ 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.