



1) Date: March 14, 1983
 2) Operator's Well No. A-1301 (Rexroad)
 3) API Well No. 47 State 085 County 6327 Permit

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
Oil and Gas Well Permit Application

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production / Underground storage / Deep / Shallow XXX /)
- 5) LOCATION: Elevation: 1024' Watershed: Bridge Run
 District: Murphy County: Ritchie Quadrangle Harrisville 7.5'
- 6) WELL OPERATOR Allegheny Land & Mineral Co 11) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Drawer 1740 Address P. O. Drawer 1740
Clarksburg, West Virginia 26301 Clarksburg, West Virginia 26301
- 7) OIL & GAS ROYALTY OWNER Rexroad Heirs (Frances J. Rexroad) COAL OPERATOR n/a
 Address c/o W. K. Hoover Address
Harrisville, WV 26362
 Acreage 67.25 out of 568
- 8) SURFACE OWNER Westvaco (Pete Seaman)
 Address #2 Ferguson Drive
Parkersburg, WV 26101
 Acreage 109.50
- 9) FIELD SALE (IF MADE) TO:
 Address Consolidated Gas Supply Corp
445 West Main Street
Clarksburg, West Virginia 26301
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hersman 477-3597
 Address P. O. Box 66
Smithville, West Virginia 26178
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Rexroad Heirs (Frances J. Rexroad)
 Address Harrisville, West Virginia 26362
 Name
 Address
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name n/a
 Address
- 15) PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Brown Shale
- 17) Estimated depth of completed well, 5990 feet
- 18) Approximate water strata depths: Fresh, unknown feet; salt, feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No xxx /

RECEIVED

MAR 15 1983

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

20) 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"				X	20'	20'		Kind: cement to surface
Fresh water	8-5/8"								
Coal	8-5/8"		20#	X		900'	900'		Sizes: cement to surface
Intermediate			J 55						NEAR
Production	4-1/2"		10.50#	X		5990'	5990'	345	Depth: req. by Rule 15.01
Tubing									
Liners									Perforations: Top Bottom

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.
- Notary: Elise O. Cox Signed: Daniel L. Wheeler
 My Commission Expires February 14, 1989 Its: Vice President

OFFICE USE ONLY

Permit number 47-085-6327 **DRILLING PERMIT** March 08/18/2023 83

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. 10) 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.)

Permit expires November 15, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u> </u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>23641</u>
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 Administrator, Office of Oil and Gas

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

FILE

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

08/18/2023

The undersigned coal operator _____ / owner XX / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: Mar 14, 19 83

By W. R. Hoover

Its W. R. Hoover - OWNER



1) Date: October 13, 19 83
 2) Operator's Well No. A-1301 Rexroad
 3) API Well No. 47 - 085 - 6327 - Ren
 State County Permit

RENEWED

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: 1024' Watershed: Bridge Run
 District: Murphy County: Ritchie Quadrangle: Harrisville 7.5'
- 6) WELL OPERATOR ALAMCO
 Address P. O. Box 1740
Clarksburg, WV 26301
- 7) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Box 1740
Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hersman 477-3597
 Address P. O. Box 66
Smithville, WV 26178
- 9) DRILLING CONTRACTOR:
 Name Development Drilling
 Address P. O. Box 1740
Clarksburg, WV 26301
- 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, Brown Shale
- 12) Estimated depth of completed well, 5990' feet
- 13) Approximate strata depths: Fresh, Unknown feet; salt, _____ feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes

RECEIVED
 OCT 20 1983
 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"				X	20'	20'	Cement to Surface		
Fresh water	8-5/8"							Cement to Surface	By Rule 15-05	
Coal	8-5/8"		20#	x		700'	700'	Cement to Surface		
Intermediate										
Production	4-1/2"		J.55 10.50#	X		5990'	5990'	Req. by Rule 15-01		
Tubing										
Liners									Perforations:	
									Top	Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-6327-Ren

November 8, 19 83
 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 November 8, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET BOND	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee <u>24803</u>
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Michael Lewis
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

Form fields for permit modifications and conditions, including well location, operator information, and geological data.

OFFICE USE ONLY

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

Date

Date(s)

Application received

Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason:

Table with columns for Board, Agent, Plan, Claims, Fee

08/18/2023

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

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (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
H. E. Hoover, et al	Alamco	1/8	104	618

1) Date: October 13, 1983, 19 83
2) Operator's
Well No. A-1301 Rexroad
3) API Well No. 47 085 6327
State County Permit

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

RENEWED

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Westvaco (Pete Seamon)
Address #2 Ferguson Drive
Parkersburg, WV 26101
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Rexroad Heirs
Address (Frances J. Rexroad)
Harrisville, WV 26362
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:
(1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
(2) The plat (surveyor's map) showing the well location on Form IV-6; and
(3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

RECEIVED
OCT 20 1983
OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? ~~XXX~~ No
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

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

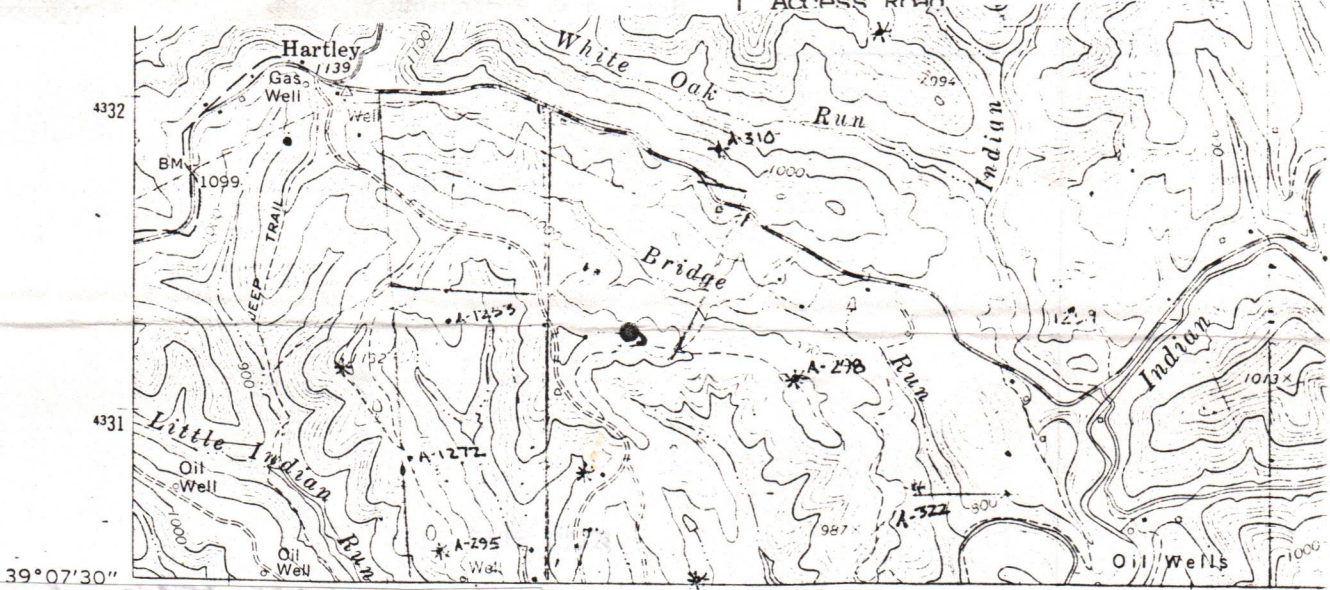
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Daniel L. Wheeler
this 13 day of October, 19 83.
My commission expires 11/19, 19 90.
Janise C. Spencer
Notary Public, Harrison County,
State of West Virginia

WELL
OPERATOR ALAMCO, INC.
By Daniel B. Shadler
Its Vice President
Address P. O. Drawer 1740
Clarksburg, WV 26301
Telephone 304-623-6671

08/18/2023

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

LEGEND
Well Site ○



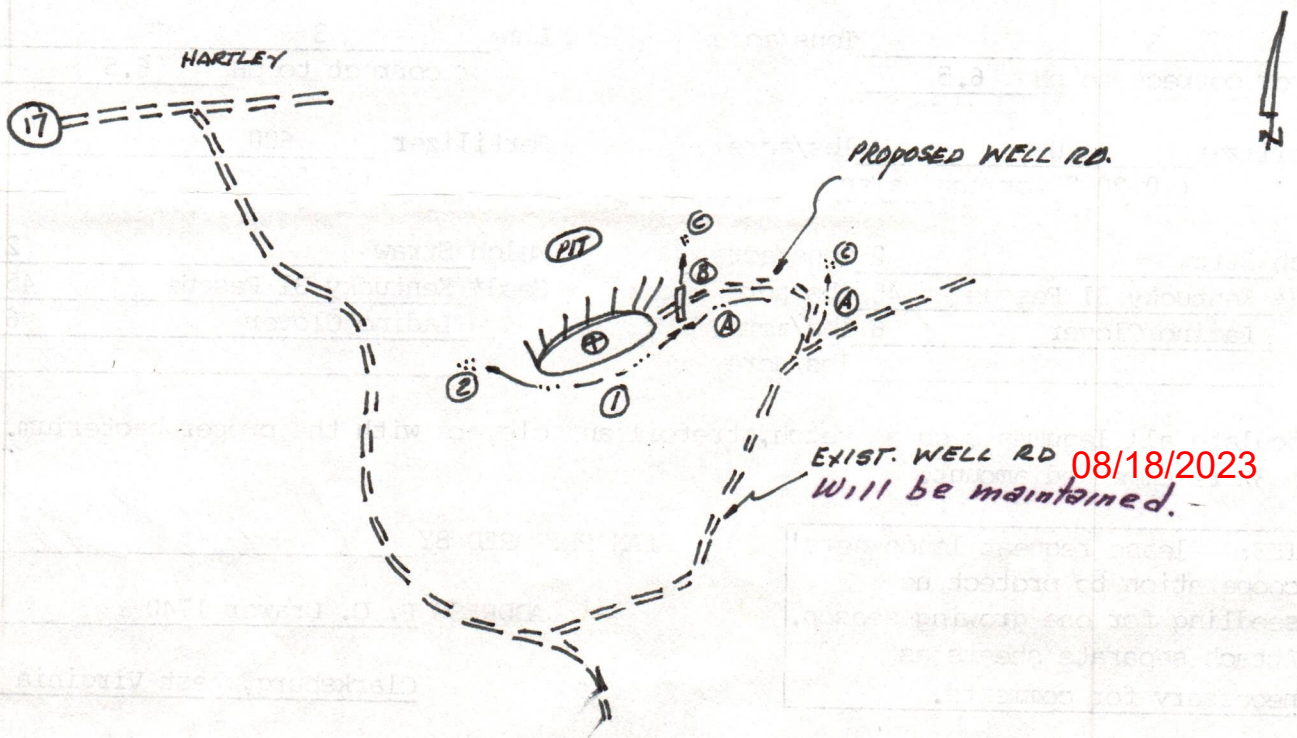
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary	——▲——▲——▲——▲——	Diversion	=====
Road	=====	Spring	○→
Existing fence	—x—x—x—x—	Wet Spot	♂
Planned fence	—/—/—/—/—	Building	■
Stream	~...~...~...~...~	Drain pipe	—○→→→○→→→
Open ditch	—>—>—>—>—>	Waterway	←=====→

COMMENTS:

Slope of access road 8% -- Cuts to be on a 2:1 slope or less. Access road subject to change by company of landowner. All ditches and culverts will be maintained after construction is completed. If revision is made, revised plan will be submitted.





Form IV-9
[Rev 8-81]

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 24, 1983
Well No. A-1301
API No. 47 - 085 - 6327
State County Permit
REN.

CONSTRUCTION AND RECLAMATION PLAN

Company Name Allegheny Land & Mineral Co.
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Landowner W. Va. Pulp & Paper

Designated Agent Daniel L. Wheeler
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Soil Cons. District Little Kanawha

Revegetation to be carried out by Halls Reclamation, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan. 1-27-83 Jarrett Newton
(Date) (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing Earthen
Page Ref. Manual 2-12

Structure Drainage Ditch (1)
Material Earthen
Page Ref. Manual 2-12

Structure Culverts (B)
Spacing 16" I. D. (Where Needed)
Page Ref. Manual 2-5

Structure Rip-Rap (2)
Material Rock
Page Ref. Manual 2-16

Structure Rip-Rap (C)
Spacing Rock
Page Ref. Manual 2-16

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

RECEIVED
MAR 15 1983
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

REVEGETATION

TREATMENT AREA I

TREATMENT AREA II

Lime 3 Tons/acre
or correct to pH 6.5

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Straw 2 Tons/acre
Seed* Kentucky 31 Fescue 45 lbs/acre
Ladino Clover 6 lbs/acre
lbs/acre

Mulch Straw 2 Tons/acre
Seed* Kentucky 31 Fescue 45 lbs/acre
Ladino Clover 6 lbs/acre
lbs/acre

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

08/18/2023

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

PLAN PREPARED BY Daniel L. Wheeler
ADDRESS P. O. Drawer 1740
Clarksburg, West Virginia 26301-1740
PHONE NO. 623-6671

STATE OF WEST VIRGINIA,
County of Washington

619

To-Wit: I, Thyrus E. Rudabaugh
a Notary Public of said County of Washington, do certify that
Grace V. Redroad and Grace V. Redroad
his wife, whose name is Grace signed to the within writing, bearing date the 28th day of
April A. D., 1965 have this day acknowledged the same before me
in my said County.
Given under my hand this 7th day of May A. D., 1965
My Commission expires June 6, 1969
Thyrus E. Rudabaugh
Notary Public

STATE OF Louisiana
Parish of East Baton Rouge

To-Wit: I, Nealeen Stracener
a Notary Public of said Parish of East Baton Rouge, do certify that
Leland W. Fidler and Belva R. Fidler
his wife, whose name is Belva signed to the within writing, bearing date the 28th day of
April A. D., 1965 have this day acknowledged the same before me
in my said County.
Given under my hand this 8th day of June A. D., 1965
My Commission expires at death
Nealeen Stracener
Notary Public

STATE OF WEST VIRGINIA,
County of _____

To-Wit: I, _____
a _____ of said County of _____, do certify that
_____ and _____
his wife, whose name is _____ signed to the within writing, bearing date the _____ day of
_____ A. D., 19____ ha_____ this day acknowledged the same before me
in my said County.
Given under my hand this _____ day of _____ A. D., 19____
My Commission expires _____

Notary Public

Mail: Louchery & Louchery
Goff Bldg.,
Clarksburg, W. Va.

OIL AND GAS LEASE

Laura D. Hoover & H. E. Hoover
Tarshia Rexroad, Juanita
Dawson & C. W. Dawson, O. T.
Rexroad & Grace Rexroad, O. T.
Rexroad & Vivian Rexroad,
Belva Fidler & L. W. Fidler,
Clara Powers TO

Allegheny Land and Mineral Co.

April 28 1965
No. Acres 568

LOCATION
District Murphy
County Ritchie

Received for Record _____ 19____

Recorded and admitted to record in the office
of the Clerk of the County Court of Ritchie
In Book JUN 29 1965
County, W. Va. _____

Recorded in Lease
Book No. _____
Tester Sealed MAP SECTION 18/2023
N _____ S _____ E _____
Werk _____

Examined by _____

This Agreement, Made and entered into this 28th day of April 1965, by and between Laura D. Hoover and H. E. Hoover, Tarshia Rexroad, Juanita Dawson and C. W. Dawson, C. F. Rexroad and Grace Rexroad, O. L. Rexroad, and Mylan Rexroad Belva Fidler and L. W. Fidler, Clara Powers

3202/18/180

HARRISVILLE County of West Virginia, parties and State of West Virginia, parties of the first part, hereinafter called "Lessor," and ALLEGHENY LAND AND MINERAL COMPANY, a West Virginia corporation, with its principal office in the City of Clarksburg, Harrison County, West Virginia, party of the second part, hereinafter called "Lessee,"

WITNESSETH: That the Lessor, in consideration of the sum of One Dollar (\$1.00), in hand paid, by the Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, has granted, demised, leased and let and by these presents does grant, demise, lease and let unto the Lessee for its exclusive possession and use for the purpose of exploring and operating for oil and gas and of storing any kind of gas, all of their interest in all of that certain tract of land situate in Murphy District, Ritchie County, State of West Virginia, on the waters of Undivided

On the North by lands of W. B. Morris Hrs. - Phoebe Cunningham Hrs. - A. D. Wilson

On the East by lands of C. A. Wilson - S. L. Wilson - C. Williamson

On the South by lands of C. S. Percy

On the West by lands of Chas. Percy - C. S. Morris

Containing 568 acres, more or less, and bring the same tract more particularly described in that certain deed, recorded in the of record County Clerk's Office in Deed Book 5 Page 115, reserving, however, 200 feet from any dwelling house now on the premises, on which no well shall be drilled by either party (LIVE) except by mutual consent.

It is agreed that this lease shall remain in force for a term of ten years from the date hereof, and as long thereafter as the said land is operated by the Lessee in the search for or production of oil or gas with the extension of term by payment of rentals as hereinafter set forth.

The Lessee shall have during the term of this lease the exclusive right to drill, operate for and produce oil and gas, and, as it may see fit, to store any quantity of gas therein by pumping or otherwise introducing the same into any sand or sands or strata in and under said land, and the right to remove the same by pumping or otherwise through any well or wells on said land or other lands; together also with rights of way and servitudes on, over and through said land for pipe lines, telephone and telegraph lines, electric power lines, structures, plants, houses and buildings for employees, traps, stations, houses for gates, meters and regulators, and all other rights and privileges necessary, incident to and convenient for the economical operation of this land alone and jointly with other lands for the production and transportation of oil and gas, and for the storage of any gas therein; together also with the right to use oil, gas and water free of cost to the Lessee for all such purposes, and with the right of removing either during or after the term hereof all and any property and improvements placed or located on the premises by the Lessee; together also with the right of increasing and egress over said land or other lands now owned or hereafter acquired by the Lessor for any of the aforesaid purposes. All of the working interest (7/8ths) of the oil produced and recovered under the terms of this lease are hereby granted, bargained and sold unto the said Lessee.

Lessor hereby warrants generally the title to all the oil and gas in and under the land hereinafter described and covenants that he will forever warrant and defend the lesseehold estate hereby demised unto Lessee against the lawful claims and demands of all persons whomsoever, and that the Lessee shall have the exclusive, full, free and quiet possession of the said described premises for the purposes and during the term herein set forth. Lessor further agrees that the Lessee of its option may pay and discharge any mortgage or other liens existing, on or against the above described lands, and, in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage, or other lien, any royalty or rentals occurring hereunder.

In consideration of the premises the Lessee covenants and agrees to deliver to the credit of the Lessor, free of cost, in the pipe line to which the Lessee may connect its wells, a royalty of the equal one-eighth (1/8) part of all oil produced from the leased premises, and to pay for each gas well from the time and while the gas is marketed at the rate of one eighth (1/8) of the wholesale market value thereof at the well based on the usual price paid therefor in the general locality of the leased premises, payable each three (3) months, until the Lessee shall give written notice to the Lessor of its intention to abandon the well, or shall, in fact, plug and abandon the same.

The Lessee covenants and agrees to accept a rental at the rate of One dollar per acre each year (\$ _____), quarterly in advance, beginning _____ from the date hereof, until a well is completed, or this lease surrendered; any rental paid for time beyond the date of completion of a gas well shall be credited upon the first royalty due upon the same; upon the drilling of a well deemed by the Lessee unprofitable to operate or in the event after a profitable well has been drilled but the Lessee does not desire to market the gas from said well or the Lessee may continue to hold the leased premises for such further term as the Lessee may desire upon the payment of said rental, not exceeding the term of five (5) years after the term above mentioned and as long thereafter as the said land is operated by the Lessee in the search for or production of oil or gas. It is agreed that the Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privilege.

Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units of any size up to 500 acres for development of the area. In the event this lease, is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinafter recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

Lessor may lay a line to any well producing gas only on said land, to take gas produced from said well for their own use for heat and light in the dwelling houses owned or leased by the Lessor, subject to the use, operation, pumping and right of abandonment of the well by the Lessee. This privilege is upon condition that the Lessor shall use said gas with economy, in safe and proper pipes and appliances, and shall subscribe to and be bound by the reasonable rules and regulations of Lessee relating to such use of gas. Lessor agrees to accept at any time at the option of Lessee a cash payment of Seventy-five Dollars (\$75.00) each year in full consideration, in lieu of this free gas privilege.

The leased premises may be fully and freely used by Lessor for farming purposes, except parts as are used by Lessee in operating hereunder. In the event of a conveyance of all or any part of the leased premises, the Lessee may continue to make all payments to the Lessor until furnished with a certified copy of any such deed of conveyance or other documents or proof to enable the Lessee to identify the land conveyed as being all or part of the leased premises, or on written notice of any such conveyance, may hold all payments until furnished with such copy or other documents and proof, and shall apportion the delay rental, in the event of any division, according to acreage.

All payments hereunder may be made direct to the Lessor, or by check made payable and mailed to H. E. Hoover - Agent - who is hereby appointed agent to receive and receipt for same. Route 1, Harrisville, West Virginia

It is agreed that the Lessee, upon the payment of One Dollar (\$1.00) and all amounts due hereunder, shall have the right to surrender this lease at any time so to all or any part or parts of the leased premises covered by the same and thereupon the Lessee shall be released and discharged from all payments, obligations, covenants and conditions herein contained and this lease shall be null and void as to the land in respect to which a surrender is made. In the event provided for in the proportion that the acreage surrendered bears to the total acreage leased. Lessor agrees that the recording of a deed of surrender in the proper County and payment to the Lessor of all amounts then due hereunder, shall be and be accepted as full and legal surrender of the Lessee's rights under this lease or under the portion surrendered.

In the event of any adverse claim to the leased premises, or to any part of the rentals or royalties, the Lessee may withhold payment of the same until the ownership is determined by compromise or by final decree, or by a Court of competent jurisdiction.

It is agreed that the entire contract and agreement between Lessor and Lessee is embodied herein, and that no verbal warranties, representations or promises have been made or relied upon by Lessee or Lessor, or their agents, supplementing, modifying or as inducement to this agreement.

It is also understood and agreed that each completed well shall hold but 1/4 (one fourth) of the acreage herein leased and that rental shall continue to be paid on the remainder until 4 (four) wells have been completed.

It is agreed that all terms, conditions, limitations and covenants between the parties hereto shall extend to their respective heirs, personal representatives, successors and assigns.

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

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MAR 15 1963

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

(Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal)

This instrument prepared by Daniel L. Louchery, Attorney at Law, Clarksburg, W. Va.

ALLEGHENY LAND AND MINERAL COMPANY
By [Signature] Its President

(Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal) (Seal)

STATE OF WEST VIRGINIA.

(Form CC No. 3)

Ritchie County Court Clerk's Office June 29th 19 65

The foregoing writing, with the certificates of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. Bazel Clerk

STATE OF West Virginia } To-Wit:
County of Ritchie }

I, Claron Dawson
Notary Public of the said county of Ritchie do certify that
Tarshia Rexroad, widow and
his wife, whose name is signed to the writing above, bearing date the 28 th.
day of April 1965, has this day acknowledged the same before
me in my said county.

GIVEN under my hand this 12 th. day of May 19 65
My commission expires June 5, 1967

Claron Dawson
Notary Public

County of Ritchie } To-Wit:

I, Claron Dawson
Notary Public of the said county of Ritchie do certify that
Laura D. Hoover and H. E. Hoover
his wife, whose name s are signed to the writing above, bearing date the 28 th.
day of April 19 65, have this day acknowledged the same before
me in my said county.

GIVEN under my hand this 28 th. day of April 19 65
My commission expires June 5, 1967

Claron Dawson
Notary Public

STATE OF West Virginia } To-Wit:
County of Ritchie }

I, Claron Dawson
Notary Public of the said county of Ritchie do certify that
O. T. Rexroad and Vivian Rexroad
his wife, whose name s are signed to the writing above, bearing date the 28 th.
day of April 1965, have this day acknowledged the same before
me in my said county.

GIVEN under my hand this 8 th. day of May 19 65
My commission expires June 5, 1967

Claron Dawson
Notary Public

STATE OF West Virginia } To-Wit:
County of Ritchie }

08/18/2023

I, Claron Dawson
Notary Public of the said county of Ritchie do certify that
Clara Powers
his wife, whose name is signed to the writing above, bearing date the 28 th.
day of April 19 65, has this day acknowledged the same before
me in my said county.

GIVEN under my hand this 14 th. day of June 19 65
My commission expires June 5, 1967

Claron Dawson
Notary Public

771301 renewed
P 349 346 159
RECEIPT FOR CERTIFIED MAIL

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

SENT TO
 Westvaco
 #2 Ferguson Drive
 Parkersburg, West Virginia

STREET AND NO.
 P.O., STATE AND ZIP CODE

POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	¢		
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

26

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OIL & GAS DIVISION
 DEPT. OF MINES

Renewed A-1301
P 349 346 151
RECEIPT FOR CERTIFIED MAIL

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

SENT TO
 Rexroad Heirs
 Frances J. Rexroad
 Harrisville, West Virginia

STREET AND NO.
 P.O., STATE AND ZIP CODE

POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	¢		
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

26

08/18/2023

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

Well was fractured November 6, 1984
Perforations: 5412 - 5416 1st Elk

- 5569 - 5578
- 5620 - 5623
- 5694 - 5694
- 5703 - 5703
- 5711 - 5711
- 5752 - 5755
- 5817 - 5822 Brown Shale


WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
			Including indication of all fresh and salt water, coal, oil and gas
Shale & Red Rock	0	59	1/4" stream water @ 160'
Sand	59	117	Gas check @ 2164' No show
Shale & Red Rock	117	133	Gas check @ 2508' 189 MCF/D
Sand & Shale	133	240	Gas check @ 3539' 179 MCF/D
Red Rock	240	260	Gas check @ 3850' 179 MCF/D
Sand, Shale & Red Rock	260	400	Gas check @ 4478' 158 MCF/D
Sand & Shale	400	490	Gas check @ 4825' 158 MCF/D
Sand, Shale & Red Rock	490	806	Gas check @ 4983' 158 MCF/D
Shale & Red Rock	806	890	Gas check @ 5422' 158 MCF/D
Sand & Shale	890	944	Gas check @ 5578' 231 MCF/D
Shale & Red Rock	944	968	Gas check @ 5910' 231 MCF/D
Sand & Shale	968	1068	
Red Rock	1068	1112	
Sand & Shale	1112	1870	<u>GAMMA RAY LOG TOPS</u>
Little Lime	1870	1890	Pocono 2036'
Shale	1890	1897	Weir 2173'
Big Lime	1897	1963	Berea 2431'
Big Injun	1963	2030	2nd Berea 2532'
Sand & Shale	2030	5910 T.D.	Gordon 2812'
			Speechley 3505'
			Balltown 3874'
			Riley 4453'
			Benson 4745'
			Alexander 4922'
			1st Elk 5406'
			Brown Shale 5531'

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Bruce A. Prather 

Date: November 30, 1984

08/18/2023

Note: Regulation 2.02 (i) provides as follows
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date November 30, 1984
Operator's _____
Well No. A-1301
Farm Rexroad
API No. 47 - 085 - 6327

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 ___ / Underground Storage ___ / Deep ___ / Shallow XX ___)

LOCATION: Elevation: 1024' Watershed Bridge Run
District: Murphy County: Ritchie Quadrangle: Harrisville 7.5'

COMPANY ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

DESIGNATED AGENT ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

SURFACE OWNER Westvaco
2 Ferguson Drive, Parkersburg, WV
ADDRESS

MINERAL RIGHTS OWNER Rexroad Heirs
c/o Frances J. Rexroad
ADDRESS Harrisville, WV 26362

OIL AND GAS INSPECTOR FOR THIS WORK Samuel
Hersman ADDRESS P.O. Box 66, Smithville, WV

PERMIT ISSUED November 8, 1983

DRILLING COMMENCED October 23, 1984

DRILLING COMPLETED October 28, 1984

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16 Cond.			
11-3/4"	32'	32'	
9 5/8"			
8 5/8"	1109'	1109'	to surface
7"			
5 1/2"			
4 1/2"	5889'	5889'	w/480 sks 3100'
3"			
2"			
Liners used			

GEOLOGICAL TARGET FORMATION Brown Shale DEPTH 5990 FEET

Depth of completed well 5910 feet Rotary x / Cable Tools _____
Water Strata depth: Fresh 160 feet Salt _____ feet
Coal seam depth: None listed Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation 1st Elk, Brown Shale Pay zone depth See Back feet
Gas: Initial open flow 231 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 984 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours

Static rock pressure 1450 psig (surface measurement after 96 hours shut-in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth 08/18/2023 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d 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)

R17-6327

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

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OCT 30 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-6327 REN

Oil or Gas Well _____
(KIND)

Company Alanco Inc.

Address _____

Farm C.W. Reproad

Well No. A-1301 Reproad

District Murphy County Ritchie

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			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/2			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: Moving rig on location

10-22-84
DATE

Samuel W. Henry
DISTRICT WELL INSPECTOR

08/18/2023

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

RECEIVED
OCT 30 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6327 REN

Oil or Gas Well _____
(KIND)

Company <u>Alanco</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address _____	16			
Farm <u>C.W. Reproad</u>	13			
Well No. <u>A-1301</u>	10			Size of _____
District <u>Murphy</u> County <u>Ritchie</u>	8 1/2 <u>8 5/8</u>	<u>1108</u>	<u>1108</u>	<u>C.T.S.</u>
Drilling commenced <u>10-24-84</u>	6 3/4			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 <u>160'</u> <u>1/4" STREAM</u> feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Louie Lake / Thomas Dowell / Dana S. Duke

Remarks: Rig # 3 Development Drilling Tool Pusher Joe McVickers

on 10-25-84 ran 1108 feet of 8 5/8" casing - ran 270 sacks cement - 3827 feet deep at time of visit

TOP OF BIG LIME - 1897 -
BOTTOM OF INJUN - 2170

GAS CHECK AT 2508 - 20 - 2" - W

10-27-84
DATE

Samuel N. Hersman
INSPECTOR

08/18/2023

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

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NOV 2 - 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-6327 REN

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Alanco Inc.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>C.W. Repwood</u>	13			
Well No. <u>A-1301</u>	10			Size of _____
District <u>Murphy</u> County <u>Pitkin</u>	8 1/4			Depth set _____
Drilling commenced <u>10-24-84</u>	6 5/8			
Drilling completed <u>10-29-84</u> Total depth <u>5910</u>	5 7/8 <u>4 1/2</u>	<u>5888</u>	<u>5888</u>	
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: on 10-28-84 TD. hole at 5910 foot depth.
on 10-29-84 ran 5888 feet of 4 1/2" casing
Rig moved off location

10-30-84
DATE

Samuel N. Ferguson
DISTRICT WELL INSPECTOR

08/18/2023

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

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NOV 5 - 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPT. OF ENERGY

Permit No. 85-6327 REN (11-08-83)

Oil or Gas Well _____
(KIND)

Company ALAMCO, INC

Address _____

Farm C. W. PEX ROAD

Well No. A-1301

District MURPHY County RITCHIE

Drilling commenced 10-24-84

Drilling completed 10-29-84 Total depth 5910

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 160' 1/4" STREAM feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/2 8 5/8"	1108	1108	C.T.S. RAN 270 SACKS CEMENT
6 3/8			Depth set _____
5 9/16 4 1/2"	5888	5888	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8" SIZE 1108 No. FT. 10-25-84 Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Development Drilling R/H 3

Tool Pusher - Joe M. Vickers

Remarks: 10-17-84 called - start brush work
10-22-84 moving rig on location
10-27-84 3827 foot deep.
10-30-84 visit - well completed - Rig moved off site
11-1-85 Make final inspection

1870-1876 LITTLE LIME
1890-1897 SHALE BREAK
1897-2008 BIG LIME
2008-2170 INJUN SAND

(CAS CHECK
30 - 2" - W
70 W
AT 2508 FOOT)

11-1-85
DATE

Samuel M. Her
08/18/2023
DISTRICT WELL INSPECTOR

A-1301

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47- 085-6327			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	N/A Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5,910 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Alamco, Inc. Name		000333 Seller Code	
	P.O. Drawer 1740 Street			
	Clarksburg, City	W.Va. State	26301 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Murphy Field Name		District	
	Ritchie County		W.Va. State	
(b) For OCS wells:	N/A Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	A-1301			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Hot Elk, Brown Shale			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corp. Name		004228 Buyer Code	
(b) Date of the contract:	n/a Mo. Day Yr.			
(c) Estimated annual production:	Not in line! MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.951	-.295	-.295	3.541
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.951	-.295	-.295	3.541
9.0 Person responsible for this application:	Daniel L. Wheeler Name		Vice-Pres. Land Dept Title	
Agency Use Only	Signature Daniel L. Wheeler			
Date Received by Juris. Agency	Date Application is Completed 12-18-84			
DEC 19 1984	304-623-6671 Phone Number			
Date Received by FERC				

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

DEC 19 1984

JAN 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 12-18, 1984

Applicant's Name: Alamco, Inc.

Address: P.O. Drawer 1740
Clarksburg, WV 26301

Gas Purchaser Contract No. n/a

Date of Contract n/a
(Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

841219 -103 -085- 6327

Use Above File Number on all
Communications Relating to This Well

First Purchaser: Consolidated Gas Transmission Corp.

Address: 445 Main Street
(Street or P.O. Box)
Clarksburg, WV 26301
(City) (State) (Zip Code)

FERC Seller Code 000333

Designated Agent: Alamco, Inc.

Address: P.O. Drawer 1740
Clarksburg, WV 26301

FERC Buyer Code 004228

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Daniel L. Wheeler Vice-President -Land Dept.

Signature: [Signature] (Title)

Address: P.O. Drawer 1740
(Street or P.O. Box)
Clarksburg, WV 26301
(City) (State) (Zip Code)

Telephone: (304) 623-6671
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser) Certified Mail- 12-18, 1984

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 103 New Onshore Production Well
- ~~xxxx~~ 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

QUALIFIED

08/18/2023

RECEIVED

DEC 19 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

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

Date 12-18 1984
Operator's Well No A-1301
API Well No. 085 - 6327
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Alamco, Inc.
ADDRESS P.O. Drawer 1740
Clarksburg, WV 26301

WELL OPERATOR Alamco, Inc.
ADDRESS P.O. Drawer 1740
Clarksburg, WV 26301

LOCATION Elevation 1024'
Watershed Bridge Run
Dist. Murphy County Ritchie Quad Harrisonville 7.5'

GAS PURCHASER Consolidated Gas Supply Corp.
ADDRESS 445 W. Main Street
Clarksburg, WV 26301

Gas Purchase Contract No. n/a
Meter Chart Code n/a
Date of Contract n/a

* * * * *

Date surface drilling was begun: 10-23-84

Indicate the bottom hole pressure of the well and explain how this was calculated:

Rock Pressure was 1450 PSIG at the surface.

AFFIDAVIT

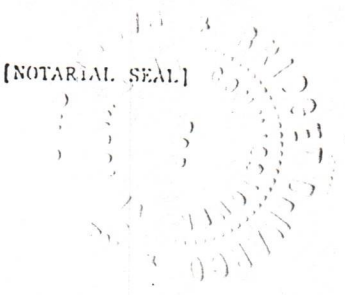
I, Daniel L. Wheeler, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Daniel L. Wheeler
Vice - President
Alamco, Inc.

STATE OF WEST VIRGINIA,

COUNTY OF Harrison TO WIT:

I, Bridget Demarco, a Notary Public in and for the state and county aforesaid, do certify that Daniel L. Wheeler whose name is signed to the writing above, bearing date the 18th day of December, 1984, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 18th day of December, 1984. My term of office expires on the 1st day of November, 1993.



Bridget Demarco
Notary Public

08/18/2023

W. V. Code § 20-2-1
Bridget V. DeMarco
Regulatory Compliance Clerk

December 18, 1984

Ms. Opal Hoffman
Office of Oil & Gas
307 Jefferson Street
Charleston, West Virginia 25311

Dear Opal:

Enclosed are the "Bottom Hole Pressures" needed to certify the following wells.

$$BHP = P_1 + P_1 \frac{(e_{GL} - 1)}{53.34T}$$

<u>WELL NO.</u>	<u>L (feet)</u>	<u>P-1 (Psig*)</u>	<u>G</u>	<u>Tav * Degrees-F</u>	<u>BHP (Psig)</u>	<u>PERMIT NO.</u>
A-1301	5910'	1450#	.691	90	1711#	47-085-6327 ✓

Based on average annual Mean Surface Temperature of 60°F and a Geothermal Gradient of 10°F per 1,000 feet. Calculations performed in degrees Rankine.

*Pressures converted to/from pounds per square inch absolute to facilitate comparison: Calculations performed with absolute pressures (PSIG).

Regards,

Bridget V. DeMarco

Bridget V. DeMarco
Regulatory Compliance Clerk

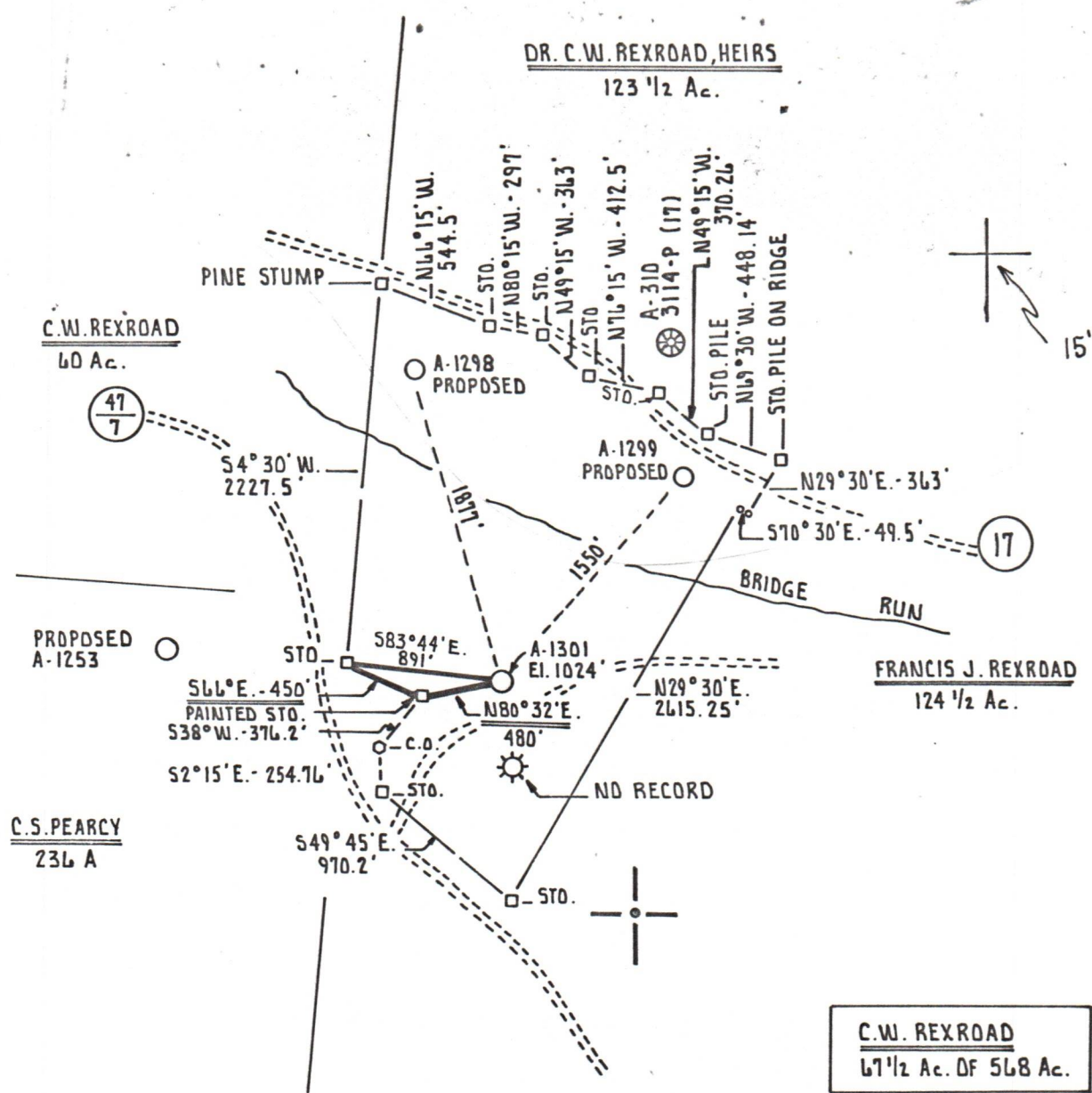
VIA CERTIFIED MAIL

Enclosures

BVD/1217842-10

08/18/2023

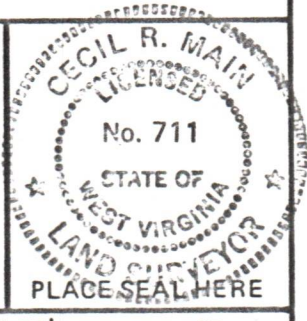
NORTH



C.W. REXROAD
67 1/2 Ac. OF 568 Ac.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INTERSECTION (17) and
 ELEVATION 1139'

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) Cecil R. Main
 R.P.E. _____ L.L.S. 711



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JANUARY 3rd 19 83
 OPERATOR'S WELL NO. A-1301
 API WELL NO. _____
 47 - 085 - 6327-
 STATE COUNTY PERMIT
 Ren.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1024' WATER SHED BRIDGE RUN
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE HARRISVILLE 7.5'
 SURFACE OWNER W.V. PULP and PAPER ACREAGE 109.5 Ac.
 OIL & GAS ROYALTY OWNER C.W. REXROAD LEASE ACREAGE 67 1/4 Ac. 518 A.
 LEASE NO. 835
 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 BROWN SHALE ESTIMATED DEPTH 5990'
 WELL OPERATOR ALLEGHENY LAND and MINERAL CO. DESIGNATED AGENT DANIEL L. WHEELER
 ADDRESS P.O. BOX 1740 ADDRESS P.O. BOX 1740
 CLARKSBURG, WEST VIRGINIA 26302-1740 CLARKSBURG, WEST VIRGINIA 26302-1740

08/18/2023

KIT 6521-KM.