



1) Date: January 26, 19 83
 2) Operator's Well No. A-1296 Pearcy
 3) API Well No. 47 085 6227
 State County Permit

DRILLING CONTRACTOR:
 Development Drilling
 P. O. Drawer 1740
 Clarksburg, WV 26301

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas XX
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX)
 5) LOCATION: Elevation: 909' Watershed: Little Indian Run
 District: Murphy County: Ritchie Quadrangle: Smithville 7.5'
 6) WELL OPERATOR Allegheny Land & Mineral Co. 11) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Box 1740 Address P. O. Box 1740
Clarksburg, WV 26301 Clarksburg, WV 26301
 7) OIL & GAS ROYALTY OWNER Maxwell Heirs 12) COAL OPERATOR N/A
 Address % Union National Bank Address _____
Clarksburg, WV 26301
 Acreage 236 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 8) SURFACE OWNER Robert E. Lyren etux Name Maxwell Heirs
 Address 486 N. Portage Path Address % Union National Bank
Akron, Ohio 44303 Clarksburg, WV 26301
 Acreage 28.8 Name _____
 9) FIELD SALE (IF MADE) TO: Address _____
 Address Consolidated Gas Supply Corp.
445 W. Main St., Clarksburg, WV 26301 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name N/A
 Address _____
 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel N. Hersman 477-3597 Address _____
 Address P. O. Box 66
Smithville, WV 26178

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, 551-553 feet; salt, _____ feet.
 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No XX

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
		Grade	Weight per ft.	New	Used	For drilling		Left in well	Top
Conductor	16"				X	20'	20'		Kinds
Fresh water	8 5/8								
Coal	8 5/8		20#	X		900'	900'		Sizes
Intermediate									
Production	4 1/2		10:55	X		5990'	5990'		Depths set
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: _____ Signed: Daniel L. Wheeler
 My Commission Expires February 14, 1989 Its: Vice President

OFFICE USE ONLY
 DRILLING PERMIT
 Permit number 47-085-6227 January 31 08/18/2023
 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. 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 October 1, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.
 Bond: Blanket Agent: ✓ Plat: ✓ Casing: ✓ Fee: 23455
Fred B. ...
 Administrator, Office of Oil and Gas

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

The undersigned coal operator _____ / owner _____ / 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: _____, 19 _____

By _____

Its _____

08/18/2023



1) Date: Sept. 27, 1983
 2) Operator's Well No. A-1296 - Pearcy
 3) API Well No. 47 085-6227-REN
 State County Permit

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

RENEWED

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 909' Watershed: Little Indian Run
 District: Murphy County: Ritchie Quadrangle: Smithville 7.5'
- 6) WELL OPERATOR Alamco, Inc. 7) DESIGNATED AGENT Daniel L. Wheeler
 Address P.O. Box 1740 Address P. O. Box 1740
Clarksburg, WV 2630+ Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel N. Hersman Name Development Drilling Corpn.
 Address P. O. Box 66 Address P. O. Box 1740
Smithville, WV 26178 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, 551 - 553 feet; salt, _____ feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	20'	20'	Cement to surface	Kind
Fresh water	8-5/8"								
Coal	8-5/8"		20#	X		700'	700'	Cement to surface	Specs <i>By Rule 15-05</i>
Intermediate			J.55						
Production	4-1/2"		10.50#	X		5990'	5990'	Required by Rule 15.01	Depth set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6227-REN Date October 17, 1983

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 October 17, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <i>bb</i>	Agent: <i>ok</i>	Plat: <i>[Signature]</i>	Casing: <i>[Signature]</i>	Fee: <u>24695</u>
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[Signature]
Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) WELL LOCATION: [Blank]

2) WELL OPERATOR: [Blank]

3) PROPOSED WELL WORK: [Blank]

4) APPROXIMATE COST: [Blank]

5) ESTIMATED DEPTH OF COMPLETED WELL: [Blank]

6) APPLICATION TYPE: [Blank]

7) APPROXIMATE YEAR BEGAN: [Blank]

8) APPLICATION COST: [Blank]

9) IS COAL BEING MINED IN THE AREA: [Blank]

10) OTHER PHYSICAL CHANGES IN WELL (DEPTH): [Blank]

11) PLUG OF OLD FORMATION: [Blank]

12) BRILLING CONTRACTOR: [Blank]

13) DESIGNATED AGENT: [Blank]

14) DISTRICT: [Blank]

15) COUNTY: [Blank]

16) WATERED: [Blank]

17) UNDERGROUND STORAGE: [Blank]

18) DEPTH: [Blank]

19) SHALLOW: [Blank]

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason:

Reason:

Board:	Agent:	Plan:	Count:	Fee:
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08/18/2023

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

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

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.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
-----------------------	-----------------------	---------	-----------

Harriet M. Jarvis, et al

Alamco

1/8 569 - 112

08/18/2023

1) Date: Sept. 27, 1983
2) Operator's Well No. A-1296 - Percy
3) API Well No. 47 085 6227
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 Robert E. Lyren, et ux
Address 486 N. Portage Path
Akron, OHIO 44303
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Maxwell Heirs
Address e/o Union National Bank
Name Clarksburg, WV 26301
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
SEP 29 1983

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? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

OIL & GAS DIVISION
DEPT. OF MINES

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 28 day of September, 1983
My commission expires Nov. 19, 1990.

Alonnie C. Spencer
Notary Public, Harrison County,
State of WV

WELL OPERATOR Alameco, Inc.
By Daniel L. Wheeler
Its Vice President - Land
Address P. O. Box 1740
Clarksburg, WV 26301
Telephone 304/623-6671

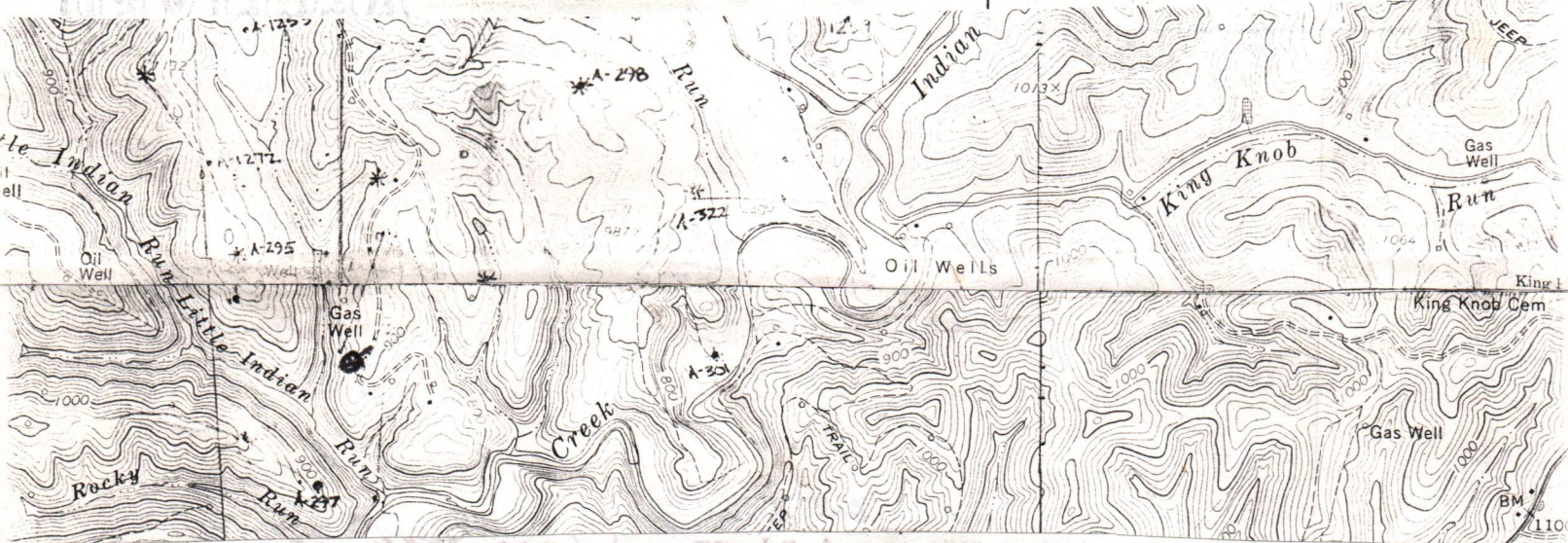
08/18/2023

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

LEGEND

Well Site ○

Access Road _____



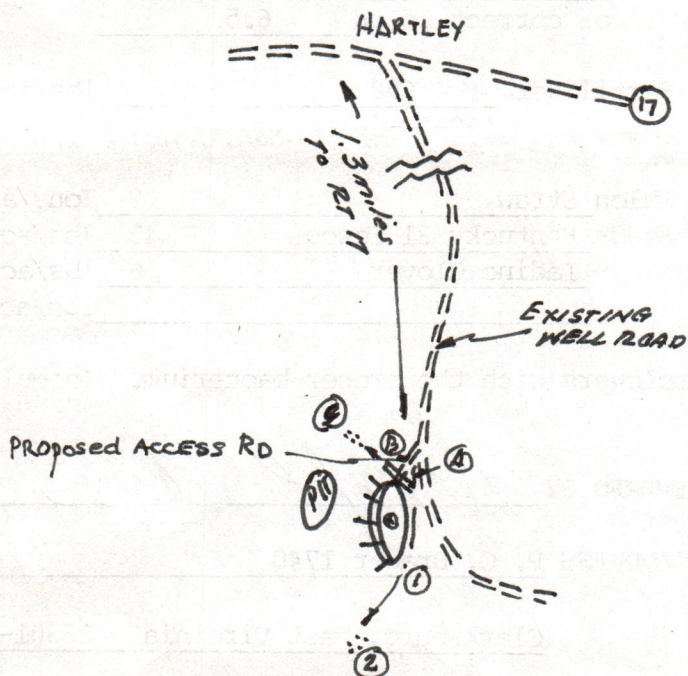
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

COMMENTS:

Slope of access road 3% -- 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.



08/18/2023



Form IV-9
[Rev 8-81]

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 21, 1983
Well No. A-1296
API No. 47 - 085 - 6227-REN
State County Permit

RECEIVED

JAN 31 1983

CONSTRUCTION AND RECLAMATION PLAN

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Company Name Allegheny Land & Mineral Co.
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Landowner Robert Lyren

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. 1-26-83 (Date) Jarrett Newlon (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>Earthen</u> Page Ref. Manual <u>2-12</u>	Structure <u>Drainage Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2-12</u>
Structure <u>Culverts</u> (B) Spacing <u>16" Min. I. D. (Where needed)</u> Page Ref. Manual <u>2-5</u>	Structure <u>Rip-Rap</u> (2) Material <u>Rock</u> Page Ref. Manual <u>2-16</u>
Structure <u>Rip-Rap</u> (C) Spacing <u>Rock</u> Page Ref. Manual <u>2-16</u>	Structure _____ (3) Material _____ Page Ref. Manual _____

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

Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch Straw <u>2</u> Tons/acre
Seed* <u>Kentucky 31 Fescue</u> <u>45</u> lbs/acre
<u>Ladino Clover</u> <u>6</u> lbs/acre
_____ lbs/acre

TREATMENT AREA II

Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch Straw <u>2</u> Tons/acre
Seed* <u>Kentucky 31 Fescue</u> <u>45</u> lbs/acre
<u>Ladino Clover</u> <u>6</u> lbs/acre
_____ lbs/acre

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

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 08/18/2023
ADDRESS P. O. Drawer 1740
Clarksburg, West Virginia 26301-1740
PHONE NO. 623-6671

4762 II NW
(CAIRO)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Ret- 6227

81°07'30"
39°07'30"

490000m.E.

1 970 000 FEET (SOUTH)

492

5

770 000 FEET
(SOUTH)

4330000m.N.

4329

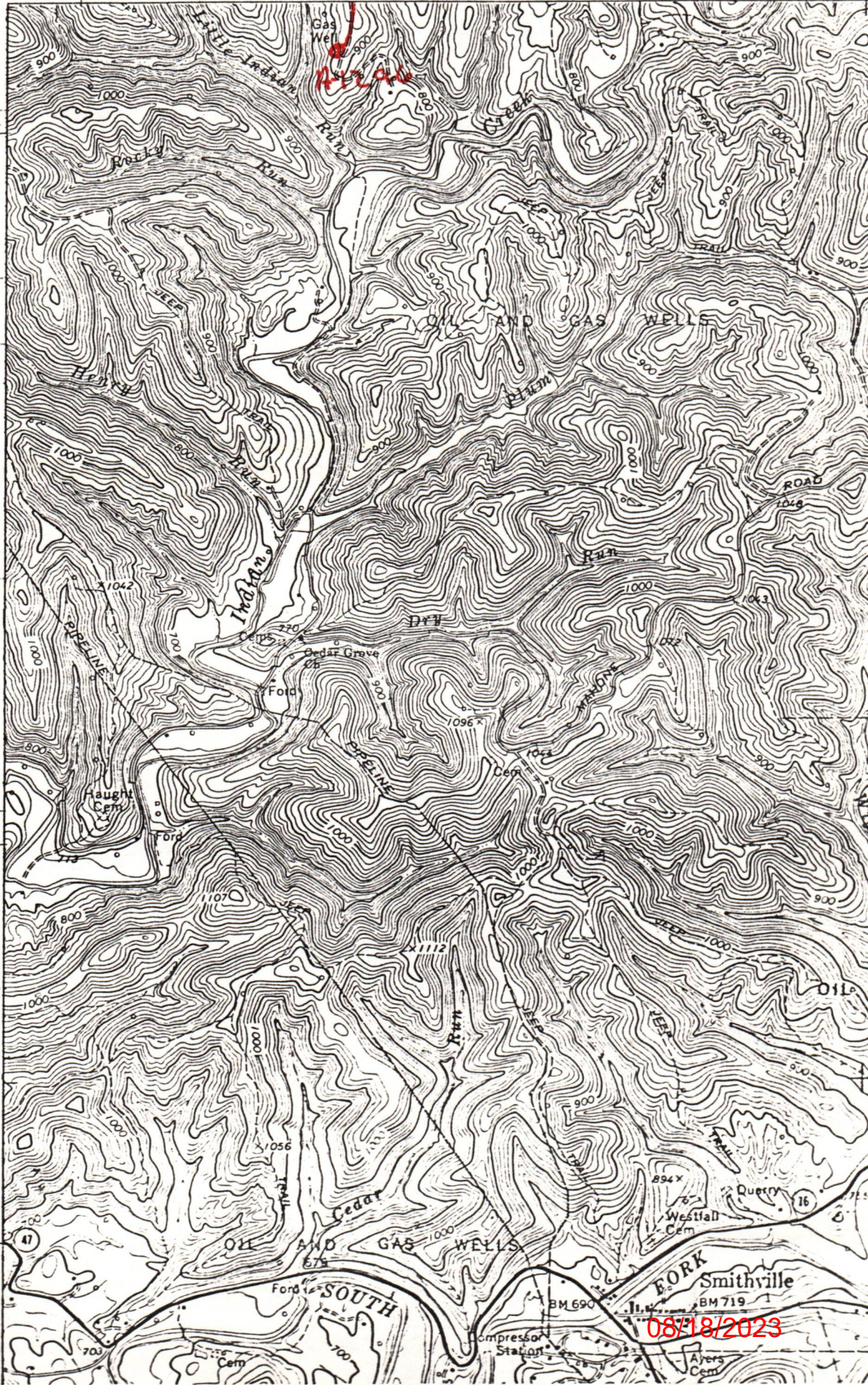
4328

4327

4326

5'

IRKERSBURG 36 MI.
MAC FARLAN 6 MI.



08/18/2023

THIS LEASE, made this 17th day of February, 1964, by 509
and between HARRIET M. JARVIS, widow, BLANCHE M. HARRISON, wife
of S. R. Harrison, Jr., CHRISTINE M. THOMPSON and CHARLES H.
THOMPSON, her husband, ISAAC H. MAXWELL and ELLA LOUISE MAXWELL,
his wife, COLUMBIA M. BLACK, widow, PORTER MAXWELL, II, and
HELEN S. MAXWELL, his wife, JANE O. MAXWELL, wife of Haymond
Maxwell, Jr., VIRGINIA M. PHILLIPS and JOHN D. PHILLIPS, her
husband, EMILY M. LITTLEPAGE and CHARLES F. LITTLEPAGE, her
husband, TAWANA M. BUTCHER and B. B. BUTCHER, her husband,
CLAY MAXWELL, JR., and ELIZABETH B. MAXWELL, his wife, and
ALICE JOAN MAXWELL, single, by S. R. HARRISON, JR., and HAYMOND
MAXWELL, JR., their attorneys in fact; BLONDA E. MAXWELL, widow,
ESTA LOUISE BELL and EUGENE JULIAN BELL, JR., her husband, ULA
VIRGINIA GRAY and DAVID B. GRAY, her husband, VANESSA MAE
NIMORWICZ and JULIUS A. NIMORWICZ, her husband, ENID MADELON
PIALA and JOSEPH J. PIALA, her husband, LENORA PHILLIPS MAX-
WELL, widow of Leeman Mason Maxwell, JUSTIN M. HENDERSON and
ELEANOR HENDERSON, his wife, and MARY H. HOLLAND and ROBERT L.
HOLLAND, her husband, by ULA VIRGINIA GRAY and ROBERT L. HOL-
LAND, their attorneys in fact; SUSAN MAXWELL TUTENBERG, widow,
RUTH MAXWELL JOHNSON and LOUIS A. JOHNSON, her husband, WILLIAM
BRENT MAXWELL, JR., and MARGUERITE W. MAXWELL, his wife, JOHN
B. MAXWELL and MARTHA H. MAXWELL, his wife, WINIFRED M. SAWYER
and L. EVERETT SAWYER, her husband, JEAN M. FOWLER and L. BAKER
FOWLER, her husband, JAMES HORNOR DAVIS, III, and OUIDA C. DAVIS,
his wife, and WILLIAM MAXWELL DAVIS, single, by FRANK J. MAXWELL,
their attorney in fact; and FRANK J. MAXWELL, widower, and S. R.
HARRISON, JR., husband of Blanche M. Harrison and HAYMOND MAX-
WELL, JR., husband of Jane O. Maxwell, parties of the first part
(hereinafter called "Lessors"), and THE ALLEGHENY LAND AND
MINERAL COMPANY, a corporation, incorporated by and under the
laws of the State of West Virginia, with its principal office in

08/18/2023

RECEIVED
JAN 27 1983

OIL & GAS DIVISION
DEPT. OF MINES

the City of Clarksburg, West Virginia, party of the second part (hereinafter called "Lessee");

WITNESSETH: that for and in consideration of the sum of one dollar (\$1.00), and other good and valuable consideration, receipt of all which is hereby acknowledged, said Lessors do hereby lease and let unto the said Lessee for the purpose of exploring and operating for natural gas and petroleum oil, but limited to the shallow sands extending to a maximum depth to the bottom of the Benson Sand, all their interest in and to the following two (2) tracts totaling three hundred ninety-six (396) acres, more or less, located in Murphy District, Ritchie County, West Virginia:

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TRACT 83: All that certain tract of land situate on Little Indian Run and Indian Creek, Murphy District, Ritchie County, State of West Virginia, containing two hundred thirty-five (235) acres and ninety (90) poles, more or less, and more particularly bounded and described as follows:

Beginning at two W.O. Pointers, corner in the Marsh and Waldo Line; S. $88\frac{1}{2}$ E. 97 poles to a stake in the Banks line; and thence with same, S. $3\text{-}3/4$ W. 227 poles to a Beech in, or near, a line in the J. D. Wilson survey; thence N. 29 E. $86\frac{1}{2}$ poles to a stone in old line; and thence with same. S. $3\text{-}3/4$ W. 181 poles crossing Little Indian Run to the edge of Indian Creek; thence S. 23 W. $76\text{-}4/5$ poles crossing Indian Creek twice to a Hickory and two Beech pointers; thence S. 78 W. $66\text{-}2/5$ poles to the Marsh and Waldo line; and thence with same, N. $2\text{-}3/4$ W. $415\text{-}4/5$ poles to the beginning, being one of the same tracts or parcels of land described in a deed dated March 28, 1904, by W. Brent Maxwell and others to Charles S. Percy, et al., and recorded in the office of the Clerk of the County Court of Ritchie County, West Virginia, in Deed Book No. 53, at page 1. All

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the oil and gas in and underlying said tract were heretofore reserved to the heirs of Leeman Maxwell, W. Brent Maxwell and Porter Maxwell, by said deed dated March 28, 1904, to said Charles S. Percy, et al. No other rights and privileges than those reserved are hereby conveyed.

160 a
Same as 85

TRACT 85: All that certain tract of land situate on the north side of Indian Creek in Murphy District, Ritchie County, State of West Virginia, containing one hundred sixty (160) acres, more or less, and being a portion of a larger tract consisting of four hundred seventy-seven (477) acres and thirteen (13) poles, more or less, and more particularly bounded and described as follows:

Beginning at a stone in an old line, 3 poles from Flesher's corner, and 4 poles from the stone, corner to a 3 acre and 91 pole tract adjoining, known as Tract 73; and thence with said line, N. 27-3/4 W. 412-2/5 poles with the lands of Bickerstaff, Nutter and others, crossing Plum Run and Indian Creek to a stone and two Ash pointers in Dr. Rexroad's line; and thence with his line, S. 53 W. 25-1/5 poles to a stone pile and hickory pointer; thence N. 9 W. 9-1/3 poles to a stone and pointers, corner to B. F. Cunningham; thence S. 65° 54' W. 61 poles to a stone near a drain and on East side thereof; thence down said drain, S. 4-3/4 W. 8 poles and 3 links to 2 lynns; thence S. 25-3/4 E. 13-1/2 poles to a lynn and pointers; thence S. 5-1/2 W. 10 poles to a hickory and lynn pointers; S. 26 W. 11 poles and 18 links to a buckeye; thence leaving said drain S. 67-1/2 W. 64-4/5 poles to a stone and pointers on a point; thence S. 27 E. 16-1/2 poles to a stone near Tom's Run; thence S. 44 E. 15.91 poles to a stone; thence S. 56 W. 13 poles crossing said run to a stone, in place of a W.O., on a hillside; thence S. 2 W. 54-1/2 poles to a sourgum on the north bank of Indian Creek; thence down said creek, N. 75 W. 38 poles to a place near the

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edge of said creek; thence S. 78 W. $9\frac{2}{5}$ poles in said creek; thence S. 64 E. $24\frac{1}{5}$ poles to a W.O. stump, corner to Scott; thence S. $24^{\circ} 54'$ W. $142\frac{2}{5}$ poles to the place of a chestnut; thence S. 78 W. $45\frac{1}{2}$ poles crossing creek to a stone in Scott's line, in bottom, corner to Phillips; thence S. $1\frac{1}{2}$ W. $35\frac{4}{5}$ poles crossing creek twice to a stone on Creek bank, corner to Phillips; thence S. $58\frac{1}{2}$ E. 29 poles and 18 links to a chestnut on creek bank, corner to Phillips; thence S. 41 E. 14 poles to a stone in Scott's line; and thence with four of his lines N. 4 E. $57\frac{3}{5}$ poles crossing creek to a W.O. (down); thence N. $51\frac{1}{2}$ E. 198 poles to a W.O. (known as the L. corner); thence S. $68\frac{1}{2}$ E. $142\frac{1}{2}$ poles to a stone near Plum Run; thence S. $51\frac{1}{2}$ W. 236.33 poles to a point in Plum Run with Elm pointer; thence S. $84\frac{1}{2}$ E. $68\frac{2}{5}$ poles to place of a hickory; thence S. $5\frac{1}{2}$ E. $32\frac{3}{4}$ poles to a stone pile corner to McFadden; thence S. $89\frac{1}{4}$ E. $72\frac{3}{5}$ poles to a W.O. (down); thence S. $19\frac{1}{2}$ E. 11 poles to a stake and pointers in D. M. Miller's line; thence N. 33 E. 70 poles and 18 links to a stone and pointers in Flesher's line; thence N. 3 E. $44\frac{1}{2}$ poles to a stone pile in drain and pointers; thence S. $86\frac{3}{4}$ E. $122\frac{2}{5}$ poles to a stone in Flesher's line, the beginning corner, being one of the same tracts or parcels of land described in said deed dated March 28, 1904, by W. Brent Maxwell and others to Charles S. Percy, et al., and recorded in said County Clerk's office in Deed Book No. 53, at page 1. All the oil and gas in and underlying said tract were reserved to the heirs of Leeman Maxwell, W. Brent Maxwell and Porter Maxwell, by said deed dated March 28, 1904, to said Charles S. Percy, et al. No other rights and privileges than those reserved are hereby 08/18/2023.

The said Lessors hereby grant to the Lessee the exclusive right of drilling upon said land for natural gas and

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petroleum oil; the right to construct and maintain pipelines, compressors, gates and drips for the transportation to market of the oil and gas produced on said land; the right to use gas and water from the premises for drilling and pumping engines; the right of ingress and egress together with the right of placing and maintaining upon said premises the machinery, pipes, equipment and structures necessary and useful for the objects of this lease and of removing the same during the term of this lease.

TO HAVE AND TO HOLD the said land and privileges for the said purposes for and during the period of three (3) years from the date of this lease; and from year to year thereafter, if and so long as said premises shall produce oil and gas in paying quantities, or so long as delay rental is paid as hereinafter provided.

IN CONSIDERATION OF THE PREMISES, the said Lessee covenants and agrees:

To deliver to the credit of said Lessors, free of cost in the pipeline to which said Lessee may connect its wells, a royalty equal to one-eighth ($1/8$) of all the oil produced and saved from said tracts; and

To pay to the Lessors for each and every well drilled upon said land which produces natural gas and/or casing-head gas or gasoline, a royalty equal to one-eighth ($1/8$) of the proceeds received for it by the Lessee, but not less than the field price at the well.

The above royalty is to be based on the proceeds received by the Lessee from the sale of the gas if measured and sold at the well, but if not sold at the well, but after transmission or commingling with gas from other properties, then based on the average prevailing purchase price currently paid

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at the well in the same field. The natural gas shall be measured by standard meters furnished by the Lessee, and payments shall be made within thirty-days after the expiration of each quarter, beginning with the date when gas is marketed therefrom, then continuing so long as gas is produced and marketed or used off the premises. Each royalty payment shall be accompanied by a statement showing the amount of natural gas and/or casing-head gas or gasoline sold from said premises during each quarter and the price received.

The said Lessee further covenants and agrees to pay the Lessors a delay rental of three hundred ninety-six and 00/100 dollars (\$396.00), annually, being an annual delay rental of one dollar (\$1.00) per acre calculated on 396 acres. The annual delay rental shall commence from the date of delivery of this lease by the Lessors to the Lessee and shall be paid one-fourth (1/4) each three months in advance. Delay rental shall be reduced or stopped when oil or gas is produced into the gathering lines as provided in the next paragraph. If at any time any well or wells drilled upon said land become so low in pressure or production that it or they are not profitable for the Lessee to operate, then the Lessee may abandon such well or wells and be released from further payment of royalty upon the same. However, delay rentals as provided above shall again commence if Lessee desires to hold the acreage around said abandoned well, which acreage was liquidated when said well first commenced to produce.

It is agreed that the drilling of each producing oil or gas well on said tracts shall liquidate and stop the delay rentals derived from eighty (80) acres, each well drilled to liquidate and hold eighty (80) acres, more or less. Lessee may drill more than one well on each 80 acres if it deems it good

drilling practice to do so. Nevertheless, said delay rental shall continue at the same rate on all of said acreage until the oil and/or gas from any producing well is turned into the gathering lines and marketed, at which time all delay rental shall continue except that pertaining to the eighty (80) acres, more or less, as above provided, immediately surrounding the producing well.

Failure or refusal to pay the delay rental promptly at the time above provided shall automatically cause a cancellation of this lease which shall forthwith become null and void and all the rights thereto shall cease and determine.

The Lessee further covenants and agrees from and after the date of the execution of this lease that it will, when and as necessary, drill sufficient wells as offsets at the proper location, so as to reasonably protect the leased premises from the depletion of oil and gas therein by any well or wells thereafter drilled on adjoining farms irrespective of, and without regard to, the ownership of said adjoining farms or the oil or gas thereunder.

It is further understood and agreed that the Lessee may surrender this lease at any time, after which all payments or liability thereafter to accrue under and by virtue of this lease shall cease and determine. Said Lessee further agrees that it will, upon the abandonment or surrender of this lease give and execute to the Lessors a proper deed of release, and the rental or royalty is not to cease until such proper release is executed and delivered to said Lessors. Mailing of such a deed in the post office addressed to the said Haymond Maxwell, Jr., Agent, and a copy thereof to each of the other agents hereinafter named at their addresses as given, shall be accepted as sufficient delivery.

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All payments by the Lessee hereunder shall be made by checks or drafts sent by mail, one-half (1/2) thereof to S. R. Harrison, Jr., and Haymond Maxwell, Jr., Agents, Post Office Box 47, Clarksburg, West Virginia; one-fourth (1/4) thereof to Frank J. Maxwell, Agent, Post Office Box-1986, Clarksburg, West Virginia; one-eighth (1/8) thereof to Ula Virginia Gray, Agent, 1506 Chafton Road, Charleston, West Virginia; and one-eighth (1/8) thereof to Robert L. Holland, Agent, West Union, West Virginia.

The Lessee may assign this lease as to the interests held by it hereunder at any time, but Lessee shall remain liable for the payment of the rentals and royalties hereunder, and performance of the other covenants hereof.

IN WITNESS WHEREOF, the parties of the first part have hereunto set their signatures and seals and the party of the second part has caused its corporate name to be signed hereto and its corporate seal to be hereunto affixed by its proper officer thereunto duly authorized, all as of the day and year first hereinabove written.

HARRIET M. JARVIS
BLANCHE M. HARRISON
CHRISTINE M. THOMPSON
CHARLES H. THOMPSON
ISAAC H. MAXWELL
ELLA LOUISE MAXWELL
COLUMBIA M. BLACK
PORTER MAXWELL, II
HELEN S. MAXWELL
JANE O. MAXWELL
VIRGINIA M. PHILLIPS
JOHN D. PHILLIPS
EMILY M. LITTLEPAGE
CHARLES F. LITTLEPAGE
TAWANA M. BUTCHER
B. B. BUTCHER
CLAY MAXWELL, JR.
ELIZABETH B. MAXWELL 08/18/2023
ALICE JOAN MAXWELL

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By S. R. Harrison, Jr.
Haymond Maxwell, Jr.
S. R. Harrison, Jr. and Haymond Maxwell, Jr., their attorneys in fact.

BLONDA E. MAXWELL
ESTA LOUISE BELL
EUGENE JULIAN BELL, JR.
ULA VIRGINIA GRAY
DAVID B. GRAY
VANESSA MAE NIMORWICZ
JULIUS A. NIMORWICZ
ENID MADELON PIALA
JOSEPH J. PIALA
LENORA PHILLIPS MAXWELL
JUSTIN M. HENDERSON
ELEANOR HENDERSON
MARY H. HOLLAND
ROBERT L. HOLLAND

By *Ula Virginia Gray*

Robert M. Holland
Ula Virginia Gray and Robert
L. Holland, their attorneys
in fact.

SUSAN MAXWELL TUTENBERG
RUTH MAXWELL JOHNSON
LOUIS A. JOHNSON
WILLIAM BRENT MAXWELL, JR.
MARGUERITE W. MAXWELL
JOHN B. MAXWELL
MARTHA H. MAXWELL
WINIFRED M. SAWYER
L. EVERETT SAWYER
JEAN M. FOWLER
L. BAKER FOWLER
JAMES HORNOR DAVIS, III
OUIDA C. DAVIS
WILLIAM MAXWELL DAVIS

By *Frank J. Maxwell*
Frank J. Maxwell, their attorney
in fact.

Frank J. Maxwell (SEAL)
Frank J. Maxwell

S. R. Harrison, Jr. (SEAL)
S. R. Harrison, Jr.

08/18/2023

Raymond Maxwell, Jr. (SEAL)
Raymond Maxwell, Jr.

THE ALLEGHENY LAND AND MINERAL
COMPANY, a corporation

By *Raymond Maxwell, Jr.*
its *President*



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10.

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA,
COUNTY OF HARRISON, TO-WIT:

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I, Mary Thrash, a notary public of said county, do certify that S. R. Harrison, Jr. and Haymond Maxwell, Jr., whose names are signed to the writing hereto annexed, bearing date the 17th day of February, 1964, both in their own right and as agents and attorneys in fact for Harriet M. Jarvis, widow, Blanche M. Harrison, wife of S. R. Harrison, Jr., Christine M. Thompson and Charles H. Thompson, her husband, Isaac H. Maxwell and Ella Louise Maxwell, his wife, Columbia M. Black, widow, Porter Maxwell, II, and Helen S. Maxwell, his wife, Jane O. Maxwell, wife of Haymond Maxwell, Jr., Virginia M. Phillips and John D. Phillips, her husband, Emily M. Littlepage and Charles F. Littlepage, her husband, Tawana M. Butcher and B. B. Butcher, her husband, Clay Maxwell, Jr., and Elizabeth B. Maxwell, his wife, and Alice Joan Maxwell, single, have this day acknowledged the same before me in my said county.

Given under my hand this 20th day of February, 1964.

My commission expires on the 22nd day of April,
1965.

Mary Thrash
Notary Public

08/18/2023

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, TO-WIT:

I, Harold P. Raines, a notary public of said county, do certify that Ula Virginia Gray, whose name is signed to the writing hereto annexed, bearing date the 17th day of February, 1964, as agent and attorney in fact for Blonda E. Maxwell, widow, Esta Louise Bell and Eugene Julian Bell, Jr., her husband, Ula Virginia Gray and David B. Gray, her husband, Vanessa Mae Nimorwicz and Julius A. Nimorwicz, her husband, Enid Madelon Piala and Joseph J. Piala, her husband, Lenora Phillips Maxwell, widow of Leeman Mason Maxwell, Justin M. Henderson and Eleanor Henderson, his wife, and Mary H. Holland and Robert L. Holland, her husband, has this day acknowledged the same before me in my said county.

Given under my hand this the 29th day of February, 1964.

My commission expires on the 26th day of April, 1971.

Harold P. Raines
Notary Public

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OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA,
COUNTY OF DODDRIDGE, TO-WIT:

I, Judith S. Britton, a notary public of said county, do certify that Robert L. Holland, whose name is signed to the writing hereto annexed, bearing date the 17th day of February, 1964, as agent and attorney in fact for Blonda E. Maxwell, widow, Esta Louise Bell and Eugene Julian Bell, Jr., her husband, Ula Virginia Gray and David B. Gray, her husband, **577** Vanessa Mae Nimorwicz and Julius A. Nimorwicz, her husband, Enid Madelon Piala and Joseph J. Piala, her husband, Lenora Phillips Maxwell, widow of Leeman Mason Maxwell, Justin M. Henderson and Eleanor Henderson, his wife, and Mary H. Holland and Robert L. Holland, her husband, has this day acknowledged the same before me in my said county.

Given under my hand this the 14th day of February, 1964.

My commission expires on the 8th day of March, 1970.

Judith S. Britton
Notary Public

08/18/2023

STATE OF WEST VIRGINIA,
COUNTY OF HARRISON, TO-WIT:

I, Mary Thrash, a notary public of said county, do certify that Frank J. Maxwell, whose name is signed to the writing hereto annexed, bearing date the 17th day of February, 1964, both in his own right and as agent and attorney in fact for Susan Maxwell Tutenberg, widow, Ruth Maxwell Johnson and Louis A. Johnson, her husband, William Brent Maxwell, Jr., and Marguerite W. Maxwell, his wife, John B. Maxwell and Martha H. Maxwell, his wife, Winifred M. Sawyer and L. Everett Sawyer, her husband, Jean M. Fowler and L. Baker Fowler, her husband, James Hornor Davis, III, and Ouida C. Davis, his wife, and William Maxwell Davis, single, has this day acknowledged the same before me in my said county.

Given under my hand this the 18th day of February, 1964.

My commission expires on the 22nd day of April, 1965.

Mary Thrash
Notary Public

08/18/2023

0.716

RESIGNATION

This confirms my resignation effective January 1, 1976, as one of the Agents and/or Attorneys-in-Fact for the Heirs of Porter Maxwell, deceased.

S. R. Harrison, Jr.
S. R. Harrison, Jr.

Taken, subscribed and sworn to before me by S. R. Harrison, Jr. this 20th day of July, 1976.

My commission expires: August 20 1980.

Richard L. [Signature]
Notary Public in and for Harrison County, West Virginia



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OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA,
COUNTY OF HARRISON, TO-WIT:

I, Trucess D. Martin, a notary public of
said county, do certify that David R. Taylor,
who signed the writing hereto annexed, bearing date the 17th
day of February, 1964, for The Allegheny Land and Mineral Com-
pany, a corporation, 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 the 24th day of March,
1964.

My commission expires on the 28th day of July,
1966.

Trucess D. Martin
Notary Public

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OIL & GAS DIVISION
DEPT. OF MINES 08/18/2023

State of West Virginia,
Ritchie County Clerk's Office April 11th 1964.

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

Teste: Linda B. Mass Clerk.

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A-1296 Renewed
P 406 789 536
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

Robert E. Lyren^{rse}

486 N. Portage Path
Akron, Ohio 44303

Street and No.

P.O., State and ZIP Code

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing
to whom and Date Delivered

Return Receipt Showing to whom,
Date, and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date



PS Form 3800, Feb. 1982

RECEIVED
SEP 29 1983

OIL & GAS DIVISION
DEPT. OF MINES

A-1296 Renewed
P 406 789 593
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Maxwell Heirs
c/o Union National Bank
Clarksburg, West Virginia

P.O., State and ZIP Code

Postage \$

Certified Fee

Special Delivery Fee

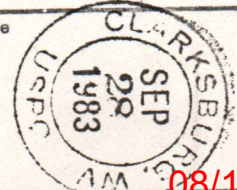
Restricted Delivery Fee ✓

Return Receipt Showing
to whom and Date Delivered

Return Receipt Showing to whom,
Date, and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date



PS Form 3800, Feb. 1982

08/18/2023

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

Well was fractured November 13, 1984

Perforations:	3404 - 3406	5460 - 5464	5711 - 5716
	3416 - 3418	5538 - 5538	5797 - 5800
	3428 - 3428	5550 - 5552	5820 - 5820
	3490 - 3492	5569 - 5569	5823 - 5823
	3495 - 3498	5573 - 5573	Brown Shale
		5603 - 5603	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	55	Damp @ 79'
Sand & Shale	55	138	1/4" water @ 140'
Red Rock & Shale	138	157	Gas check @ 1509' No show
Sand & Shale	157	195	Gas check @ 1698' 45 MCF/D
Red Rock	195	230	Gas check @ 1886' 189 MCF/D
Sand & Shale	230	344	Gas check @ 1978' 189 MCF/D
Red Rock	344	363	Gas check @ 2695' 119 MCF/D
Sand & Shale	363	385	Gas check @ 2942' 119 MCF/D
Coal	385	388	Gas check @ 3318' 103 MCF/D
Sand & Shale	388	438	Gas check @ 3380' 103 MCF/D
Red Rock	438	453	Gas check @ 3505' 103 MCF/D
Sand & Shale	453	470	Gas check @ 4381' 84 MCF/D
Red Rock	470	521	Gas check @ 4791' 84 MCF/D
Sand & Shale	521	576	Gas check @ 5572' 179 MCF/D
Red Rock	576	667	Gas check @ 5915' 169 MCF/D
Sand & Shale	667	695	
Red Rock	695	820	<u>GAMMA RAY LOG TOPS</u>
Sand & Shale	820	1738	Pocono 1911'
Little Lime	1738	1752	Weir 2050'
Sand & Shale	1752	1779	Berea 2305'
Big Lime	1779	1830	Gordon 2684'
Big Injun	1830	1911	Speechley 3382'
Sand & Shale	1911	5915 T.D.	Balltown 3692'
			Riley 4329'
			Benson 4621'
			Alexander 4801'
			Elk 5294'
			Brown Shale 5410'

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Bruce A. Prather

Date: December 18, 1984

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

08/18/2023



Date December 18, 1984
 Operator's _____
 Well No. A-1296
 Farm Pearcy
 API No. 47 - 085 - 6227

RECEIVED STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 DEC 21 1984
OIL and GAS DIVISION

OIL & GAS DIVISION WELL OPERATOR'S REPORT
 OF
DEPT. OF MINES
 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: 909' Watershed Little Indian Run
 District: Murphy County: Ritchie Quadrangle: Smithville 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 Robert E. Lyren
 ADDRESS 486 N. Portage Path, Akron, OH 44303

MINERAL RIGHTS OWNER Maxwell Heirs
c/o Union National Bank
 ADDRESS Clarksburg, WV 26301

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

PERMIT ISSUED October 17, 1983

DRILLING COMMENCED October 30, 1984

DRILLING COMPLETED November 4, 1984

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

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16			
11-3/4"			
9 5/8"			
8 5/8"	995'	995'	to surface
7"			
5 1/2"			
4 1/2"	5884'	5884'	w/500 sks 3000'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Brown Shale DEPTH 5990 FEET

Depth of completed well 5915 feet Rotary x / Cable Tools _____

Water Strata depth: Fresh 79 & 140 feet Salt _____ feet

Coal seam depth: 385 - 388 Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation Speechley, Brown Shale Pay zone depth See Back feet

Gas: Initial open flow 169 Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 539 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1150 psig (surface measurement after 72 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)

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

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NOV 2 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6227 REN

Oil or Gas Well _____
(KIND)

Company Alamco Inc.
 Address _____
 Farm B.E. Syren (HRS)
 Well No. A-1296
 District Murphy County Pitcher
 Drilling commenced 10-30-84
 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 3/4			
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 Dana S. Duke / Thomas Dowell / Lonnie Lake

Rig # 3 Development Drilling - Tool Pusher - Joe McVickers
 Remarks: Visit - 95 foot deep.

10-30-84
DATE

Samuel M. ...
DISTRICT WELL INSPECTOR

08-1872023

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

DISTRICT WELL INSPECTOR
08/18/2023

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

RECEIVED

NOV 2 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6227 REN

Oil or Gas Well _____
(KIND)

Company <u>Alamco Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>R. E. Lyren (HRS)</u>	16			Kind of Packer _____
Well No <u>A-1296</u>	13			
District <u>Murphy</u> County <u>Pitkin</u>	10			Size of _____
Drilling commenced <u>10-30-84</u>	8 1/8 <u>8 5/8</u>	<u>996</u>	<u>996</u>	<u>C.T.S.</u>
Drilling completed _____ Total depth _____	6 1/2			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	<u>385-388</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Ran 996 feet of 8 5/8" casing (New) - B.J. Hughes ran 230 sacks cement.

10-31-84

DATE

Samuel M. [Signature]
DISTRICT WELL INSPECTOR

08/18/2023

Form 26
2/16/82

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

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

08/18/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

NOV 14 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-6227 REN

Oil or Gas Well _____
(KIND)

Company <u>Alanco Inc -</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>R. E. Lyren</u>	16			Size of _____
Well No. <u>A-1296</u>	13			Depth set _____
District <u>Murphy</u> County <u>Ritchie</u>	10			Perf. top _____
Drilling commenced <u>11-30-84</u>	8 1/4			Perf. bottom _____
Drilling completed <u>11-5-84</u> Total depth <u>5915</u>	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>79' HOLE DAMP</u> <u>140' - 1/4" STREAM</u> feet				
Salt water _____ feet				

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT 385' TO 388' FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

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

Rig # 3 Development Drilling - Tool Pusher Joe W. Vickers

Remarks: T.D. Hole at Depth of 5915' foot - Ran 5884 foot of 4 1/2" casing - B.J. Hughes ran 500 sack cement.

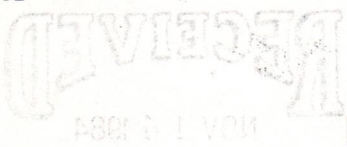
11-5-84
DATE

Samuel W. Hooper
DISTRICT WELL INSPECTOR

08/18/2023

Form 26
2/16/82

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



Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:
10.0' hole of pipe at 210' - 200' - 200' - 200'
4 1/2" casing - 21' depth - 200' - 200'

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

DATE

DISTRICT WELL INSPECTOR
08/18/2023

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

RECEIVED
NOV 5 - 1985

DIVISION OF OIL & GAS
DEPT. OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 85-6227 REN

(10-17-83)

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Alamo Inc.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>R. E. Lyren (Heirs)</u>	13			
Well No. <u>A-1296 Percy</u>	10			Size of _____
District <u>Murphy</u> County <u>Putnam</u>	8 1/8 <u>8 5/8</u>	<u>996'</u>	<u>996'</u>	<u>RAN 230 SACKS CEMENT</u>
Drilling commenced <u>10-30-84</u>	6 5/8			Depth set _____
Drilling completed <u>11-5-84</u> Total depth <u>5915</u>	5 3/16 <u>4 1/2"</u>	<u>5884'</u>	<u>5884'</u>	<u>RAN 500 SACKS CEMENT</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 <u>8 5/8"</u> SIZE <u>996</u> No. FT. <u>10-31-84</u> Date			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>B. J. Hughes</u>			
Fresh water <u>79'</u> _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Development Drilling Rig # 3

Tool Pusher - Joe M. Vickers

Remarks: 9-20-84 called start brush work
10-20-84 called start dirt work - move rig on later
10-30-84 visit - 95 foot deep.
10-31-84 visit - run 8 5/8" casing
11-5-84 visit - T.D. hole at depth of 5915 - Ran 5884 foot of 4 1/2 casing
11-1-85 visit - Make final inspection

11-1-85
DATE

Samuel M. Ferguson
DISTRICT WELL INSPECTOR

08/18/2023

2/16/82

RECEIVED
NOV 2 - 1982
DIVISION OF OIL & GAS
DEPT. OF ENERGY

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

DISTRICT WELL INSPECTOR

08/18/2023

A-1296

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47-085-6227</u></p>				
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p><u>103</u> Section of NGPA</p>	<p><u>N/A</u> Category Code</p>			
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>5,915</u> feet</p>				
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p><u>Alamco, Inc.</u> Name</p>		<p><u>000333</u> Seller Code</p>		
	<p><u>P.O. Drawer 1740</u> Street</p>				
	<p><u>Clarksburg,</u> <u>W.Va.</u> City State</p>		<p><u>26301</u> Zip Code</p>		
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>Murphy</u> Field Name</p>		<p><u>District</u></p>		
	<p><u>Bitchie</u> County</p>		<p><u>W.Va.</u> State</p>		
<p>(b) For OCS wells:</p>	<p><u>N/A</u> Area Name</p>				
	<p>Block Number</p>				
	<p>Date of Lease:</p> <p>Mo. Day Yr.</p>				
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>A-1296</u></p>				
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p><u>Speckley, Brown Shale</u></p>				
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p><u>Consolidated Gas Supply Corp.</u> Name</p>		<p><u>004228</u> Buyer Code</p>		
<p>(b) Date of the contract:</p>	<p><u>n/a</u> Mo. Day Yr.</p>				
<p>(c) Estimated annual production:</p>	<p><u>Not in Line!</u> <small>MMcf.</small></p>				
		<p>(a) Base Price (\$/MMBTU)</p>	<p>(b) Tax</p>	<p>(c) All Other Prices [Indicate (+) or (-).]</p>	<p>(d) Total of (a), (b) and (c)</p>
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>		<p><u>2.951</u></p>	<p><u>-.295</u></p>	<p><u>-.295</u></p>	<p><u>3.541</u></p>
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>		<p><u>2.951</u></p>	<p><u>-.295</u></p>	<p><u>-.295</u></p>	<p><u>3.541</u></p>
<p>9.0 Person responsible for this application:</p>	<p><u>Daniel L. Wheeler</u> <u>Vice-Pres. Land Dept</u> Name Title</p>				
<p>Agency Use Only</p> <p>Date Received by Juris. Agency</p> <p style="font-size: 1.2em; font-weight: bold;">DEC 26 1984</p> <p>Date Received by FERC</p>	<p><u>Daniel L. Wheeler</u> Signature</p>				
	<p><u>12-21-84</u> Date Application is Completed</p>		<p><u>304-623-6671</u> Phone Number</p>		

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 28 1984

JAN 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 12-21, 19 84

AGENCY USE ONLY

Applicant's Name: Alamco, Inc.

WELL DETERMINATION FILE NUMBER

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

841226 -103-085- 6227

Gas Purchaser Contract No. n/a

Use Above File Number on all
Communications Relating to This Well

Date of Contract _____
(Month, day and year)

First Purchaser: Consolidated Gas Transmission Corp.

Designated Agent: Alamco, Inc.

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

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

FERC Seller Code 000333

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.
(Print) (Title)

Signature: *Daniel L. Wheeler*

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- 12-21, 19 84

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

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

- 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

AGENCY USE ONLY

QUALIFIED

08/18/2023

RECEIVED

DEC 26 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

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

Date 12-21 1984
Operator's Well No. A-1296
API Well No. 085 - 6227
State 085 County 6227 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 909'

Watershed Little Indian Run

Dist. Murphy County Ritchie Quad Smithville 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: 10-30-84

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

Rock Pressure was 1150 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 21st day of December, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 21st day of December, 1984.

My term of office expires on the 1st day of November, 1993.

[NOTARIAL SEAL]



Bridget Demarco
Notary Public

08/18/2023



200 West Main Street P.O. Box 1740
 Clarksburg West Virginia 26301
 (304) 623-6671 Telex 88417

December 21, 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.

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

WELL NO.	L (feet)	P-1 (Psig*)	G	Tav * Degrees-F	BHP (Psig)	PERMIT NO.
A-1296	5,915'	1150#	.743	90	1375#	47-085-6227 ✓
A-1302	5,857'	1575#	.691	89	1856#	47-085-6342
A-1557	5,900'	1250#	.758	90	1499#	47-085-7130

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

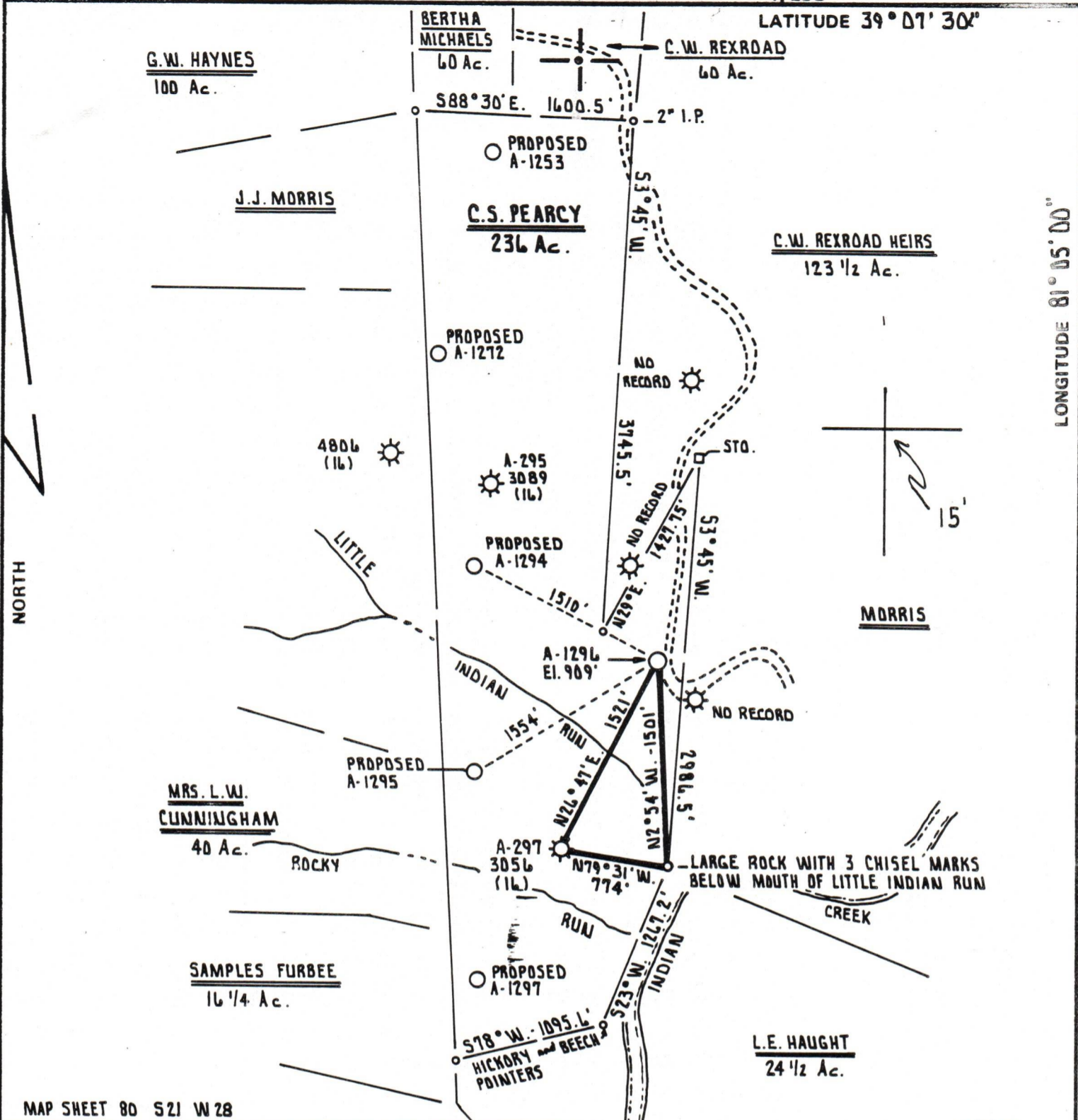
Bridget V. DeMarco
 Regulatory Compliance Clerk

VIA CERTIFIED MAIL

Enclosures

BVD/1220842-12

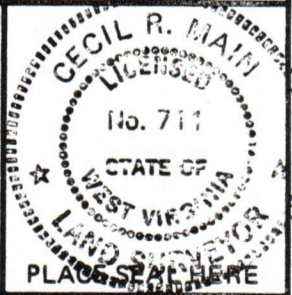
08/18/2023



MAP SHEET 8D S21 W 28

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ALLEGHENY LAND and MINERAL CO. WELL # A-297
ELEV. 903'

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 12th, 19 83
 OPERATOR'S WELL NO. A-1296
 API WELL NO. 47 - 085 - 6227
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 909' WATER SHED LITTLE INDIAN RUN
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE SMITHVILLE 7.5'

SURFACE OWNER ROBERT E. LYREN, ET. UX. ACREAGE 28.8 Ac.
 OIL & GAS ROYALTY OWNER C.S. PEARCY LEASE ACREAGE 23 1/2 Ac.
 LEASE NO. 727

08/18/2023

PROPOSED WORK: DRILL X 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

FIN - 6227