



1) Date: March 11, 19 83
 2) Operator's Well No. Todd No. 31
 3) API Well No. 47 039 3949
 State County 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 X /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1161' Watershed: Fivemile Fork of Morris Creek
 District: Elk County: Kanawha Quadrangle: Mammoth I 7 1/2'
- 6) WELL OPERATOR Jackson Development Co. 11) DESIGNATED AGENT Lloyd G. Jackson
 Address P O Box 498 Address P O Box 498
Hamlin, W. Va. 25523 Hamlin, W. Va. 25523
- 7) OIL & GAS ROYALTY OWNER Sally L. D. Todd 12) COAL OPERATOR See attached
 Address 6207 Three Chopt Rd. Address
Richmond, Va.
 Acreage 2636
- 8) SURFACE OWNER Sally L. D. Todd 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 6207 Three Chopt Rd. Name Sally L. D. Todd
Richmond, Va. Address 6207 Three Chopt Rd.
Richmond, Va.
- 9) FIELD SALE (IF MADE) TO: Consolidated Gas Supply Corp. Name
 Address 445 West Main St. Address
Clarksburg, W. Va. 26301
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name ~~XXXXXXXXXXXX~~ Craig Duckworth Name Same as coal operator
 Address ~~XXXXXX Box 554~~ 872-6165 Address
~~Clarksburg, W. Va. 26301~~
- 15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION,
- 17) Estimated depth of completed well, 2040 feet
 18) Approximate water strata depths: Fresh, 315 feet; salt, 1090 feet.
 19) Approximate coal seam depths: Is coal being mined in the area? Yes X / No

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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	10 3/4	H	32#		X	20			Kinds
Fresh water	8 5/8	J	24#		X	540			
Coal	8 5/8	J	24#		X	540			Sizes
Intermediate	7	J	20#		X	1790			Depths set
Production	4 1/2	J	10.50#	X		2215			Perforations:
Tubing									Top Bottom
Liners									

- 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: Barbara Elkins
 My Commission Expires March 31, 1987
Barbara Elkins

Signed: [Signature]
 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-3949 Date April 5 1983
02/16/2024

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 December 5, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.
 Bond: BB Agent: [Signature] Plat: Casing Fee 1132
[Signature]
 Administrator, Office of Oil and Gas

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

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 then 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.

02/16/2024

Date: _____, 19 _____

By _____

Its _____

MAR 10 1983



IV-9
(Rev 8-81)

DATE MARCH 9, 1983
WELL NO. Todd No. 31
API NO. 47 - 039 - 3949

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME JACKSON DEVELOPMENT Co.
Address Box 498 HAMLIN, W.VA. 25523
Telephone 304-756-9410

DESIGNATED AGENT LOYD JACKSON
Address Box 498 HAMLIN, W.VA. 25523
Telephone 304-756-9410

LANDOWNER SALLIE TODD
Revegetation to be carried out by _____ (Agent)

SOIL CONS. DISTRICT CAPITOL

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan: March 11, 1983 (Date)

R. C. Alford
(SCD Agent)

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ACCESS ROAD	
Structure <u>ACCESS ROAD</u>	(A)
Spacing <u>+1000' (SEE SKETCH FOR GRADES)</u>	
Page Ref. Manual <u>Z-14</u>	
Structure <u>CROSS DRAINS</u>	(B)
Spacing <u>VARIOUS (SEE SKETCH)</u>	
Page Ref. Manual <u>Z-4 TABLE 1</u>	
Structure <u>DRAINAGE DITCH</u>	(C)
Spacing <u>EARTHEN</u>	
Page Ref. Manual <u>Z-12</u>	

LOCATION	
Structure <u>DRILLING PIT</u>	(1)
Material <u>EARTHEN</u>	
Page Ref. Manual <u>N/A</u>	
Structure <u>SEDIMENT BARRIER</u>	(2)
Material <u>BRUSH FROM SITE</u>	
Page Ref. Manual <u>Z-16</u>	
Structure <u>DIVERSION DITCH</u>	(3)
Material <u>EARTHEN</u>	
Page Ref. Manual <u>Z-12</u>	

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed* KY. 31 TALL FESCUE 30 lbs/acre
CROWN VETCH 10 lbs/acre
ANNUAL RYEGRASS 10 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed* KY. 31 TALL FESCUE 30 lbs/acre
CROWN VETCH 10 lbs/acre
ANNUAL RYEGRASS 10 lbs/acre

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


PLAN PREPARED BY BOWMAN LAND SURVEYING Co.
ADDRESS 632 CHAS. NATL. PLAZA
CHARLESTON, W.VA. 25301
PHONE NO. 304-346-9787


02/16/2024

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MAMMOTH (7 1/2')

LEGEND

Well Site 





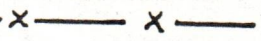

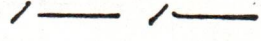



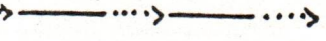
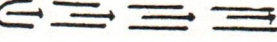
Access Road 



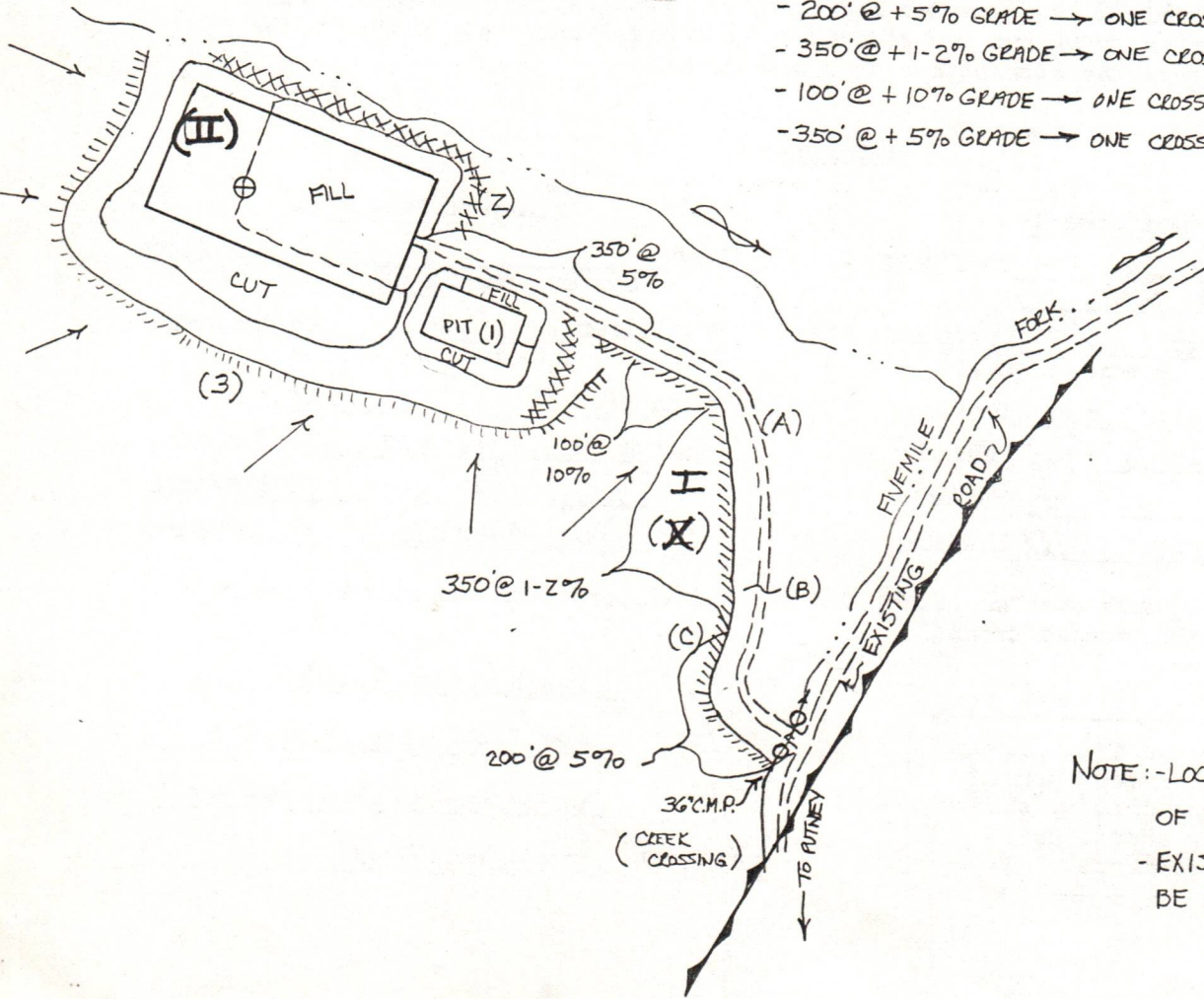
WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

- (B) CROSS DRAINS
- 200' @ +5% GRADE → ONE CROSS DRAIN PER 135'
 - 350' @ +1-2% GRADE → ONE CROSS DRAIN PER 250'
 - 100' @ +10% GRADE → ONE CROSS DRAIN PER 80'
 - 350' @ +5% GRADE → ONE CROSS DRAIN PER 135'



02/16/2024

NOTE:-LOCATION AT BASE OF BLUFF.
-EXISTING ROAD WILL BE UPGRADED AS NECESSARY.

West Va. Kanawha County Court Clerk's Office April 11, 1926
This Agreement was this day presented to me in my office, and thereupon
together with the Certificate there-to annexed is admitted to record.

Testo: A. H. Hamilton Clerk.
Kanawha County Court.

mailed to C. P. Morgan City - 6-14-26

2480

MARGARET G. DICKINSON GUARDIAN

TO

L. C. MCKIM

ASSIGNED Book 78 P. 11
ASSIGNED Book 69 Page 65

THIS AGREEMENT, made and entered into this 13th day of June, 1925, by and between Margaret G. Dickinson (widow) and Margaret Y. Dickinson, guardian for Sallie Lewis Dickinson, infant, hereinafter called the lessor; and L. C. McKim, of Charleston, W. Va. hereinafter called the lessee.

Witnesseth; That whereas by virtue of the authority conferred upon said guardian by the several decrees of the Circuit Court of Kanawha County, West Virginia, this day entered, and in consideration of one dollar (\$1.00) the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained the lessors do hereby grant unto the lessee for the term of five (5) years (and so long thereafter as oil or gas is produced from the land leased and royalty and rentals paid by lessee therefor) all the oil and gas and gasoline in and under the land hereafter described, together with the exclusive right to drill for, produce and market said oil and gas and gasoline and to possess so much of said lands as may be necessary or convenient to such operations, the right to use oil, gas and water from said lands in operation thereon, and the right to remove, at any time, any and all property placed by lessee in or upon said premises, and lessor waives the right to claim or hold during or after the term hereof any of said property as fixtures or as a part of the realty, and lessor hereby warrants generally the title to the land herein leased and to the oil and gas and gasoline produced therefrom.

Said land being situate in Malden and Elk Districts, County of Kanawha and State of West Virginia, and on the waters of Campbells Creek, and bounded and described as follows, to-wit;

- On the North by lands of Blue Creek Coal & Land Co. G. E. Hansel
 - On the East by lands of Kanawha & Hocking Coal Co. and others
 - On the South by lands of Kanawha & Hocking Coal & Coke Fannie D. Boyd.
 - On the West by lands of Blue Creek Coal & Land Co. W. M. Belcher, et al
- Containing 2636 acres, more or less.

To have and to hold said premises for and during the term aforesaid. No well to be drilled within 200 feet of the barn or dwelling house without lessors consent.

The lessee to deliver to lessor in tanks, tank cars, or pipe line a royalty of one eighth (1/8th) of all oil produced and saved from the premises, and to pay for each gas well from the time and while the gas is marketed the sum of one and one half cents (1-1/2¢) per thousand cubic feet of gas produced, payable each three months.

Said lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved, or conveyed by said lessors, or their predecessors, in title or otherwise. And any such outstanding royalty or interest shall be first deducted from the royalties and rentals

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above provided to be paid or delivered.

Lessee agrees to bury, when required so to do by lessor, all pipe lines used to conduct gas off the premises, and to pay all damages to growing crops not occasioned by the necessary operations under this lease.

Lessor shall be entitled to gas free of cost for domestic use in one dwelling on said premises, from any gas well thereon so long as lessee shall operate the same, and the pressure is sufficient for such use and shall use said gas at lessor's risk and expense of piping and with economical gas burning appliances (subject to lessee's approval) and lessee shall not be liable for an insufficient supply from any cause whatever. Lessee is to have in consideration of the premises and the undertaking on the part of lessee, the waste and casing head gas from oil wells, and gasoline (with the right to manufacture same) and water for use on or off the premises, and the right to operate and maintain roads, pipe lines, surface roads to and from adjoining lands, provided, however, if said waste or casing head gas be used for the manufacture of gasoline, lessee to pay lessor their proportionate part of the one eighth of proceeds received from sale thereof less lessor's proportionate part of cost of transportation for each well from which and while said gas is so used.

Lessee agrees to drill a well on said premises on or before the 13th day of July, 1925 or pay to lessor at the rate of six hundred fifty nine dollars (\$659.00) for each three months (and proportionately for any fraction thereof) thereafter until such well is drilled, or this lease surrendered before the end of the term for which payment has been made to lessor for delay, the unaccrued portion of said payment shall be a credit to lessee on any rental, royalty or gas well.

And it is agreed that, at any time, upon the tender or payment to lessor in hand or deposit to lessor's credit in the Bank herein below named of one dollar and all moneys for delay then due hereunder, lessee shall have the right to release and surrender this lease by returning it to lessor, with the endorsement by lessee of a surrender thereon, or by recording a release and surrender in the Kanawha County Court Clerk's Office, State of West Virginia, either of which lessor agrees to accept as, and which shall be a full and legal surrender of this lease and of lessee's rights and a cancellation of all liabilities under this lease of each and all parties thereto.

Payments of all moneys herein named or due under this lease may be made by cash or check to Margaret Y. Dickinson; by deposit to her credit in the Kanawha National Bank of Charleston, W. Va. or by check made payable to her order and mailed to her at Charleston, P. O. Kanawha County, State of West Virginia.

The land leased herein lies on the southeast side of a line beginning at the original corner of H. C. Dickinson, 4150 acres of which this is a part at the mouth of 10 mile fork of Campbells Creek and running thence N 53-30" E. 10202 feet to a corner to G. E. Hansel and Blue Creek Coal & Land Co. on the head waters of 2
mile fork of Morris Fork of Blue Creek.

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All grants, conditions, terms and limitations between the parties hereto shall extend to their heirs, executors, administrators, successors or assigns.

In witness whereof, we, the parties hereto, have hereunto set our hands and seals the day and year first above written.

Margaret Y. Dickinson (SEAL)

Guardian for Sallie Lewis Dickinson, infant.

Margaret Y. Dickinson (SEAL)

State of West Virginia

County of Kanawha to-wit;

I, O.F. Payne, a Notary Public of said County of Kanawha, do certify that Margaret Y. Dickinson in her own right and as guardian of Sallie Lewis Dickinson whose names are signed to the within writing, bearing date the 13th day of June, A.D. 1925, have this day acknowledged the same before me in my said County.

My commission expires April 18" 1934.

Given under my hand this 6" day of July, 1925.

(NOTARIAL SEAL)

O.F. Payne, Notary Public.

West Va. Kanawha County Court Clerk's Office April 16 1926

This Agreement was this day presented to me in my office, and thereupon, together with the Certificate thereto annexed, is admitted to record.

Teste;

R. N. Moulton Clerk

Kanawha County Court.

E. & C.

L. C. McKIM

TO

TEN MILE OIL & GAS CO.

THIS AGREEMENT, made and entered into this 12th day of April, A.D. 1926 by and between L. C. McKim, party of the first part, and Ten Mile Oil & Gas Company (a corporation) of the State of West Virginia, of the second part.

Whereas, the said L. C. McKim, has a certain oil and gas lease consisting of 2636 acres (more or less) known as the part of the H. C. Dickinson, tract of land situated in Malden and Elk District, Kanawha County, and State of West Virginia, upon the waters of Campbells Creek and that for and in consideration of the sum of one (\$1.00) dollar in hand paid the receipt of which is hereby acknowledged and other valuable considerations, does hereby sell, transfer and set over his entire right, title and interest in said leasehold to the ten mile Oil & Gas Company.

In witness whereof have hereto set my hand and seal the day and year first above written.

L. C. McKim

(SEAL)

Witness; Nettie A. Elliott

02/16/2024

Mailed to C. R. Morgan City - 6-14-26

13 49

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Mammoth
Permit No. 47-039-3949

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Jackson Development Co., Inc.
 Address P. O. Box 498 Hamlin, W. Va.
 Farm Acres 2636
 Location (waters) Fivemile Fork of Morris Ck.
 Well No. Todd 31 Elev. 1161'
 District Elk County Kanawha
 The surface of tract is owned in fee by Sally L. D. Todd
6207 Three Chopt Rd. Richmond, Va.
 Mineral rights are owned by Sally L. D. Todd
6207 Three Chopt Rd. Richmond, Va.
 Drilling commenced 4-27-83
 Drilling completed 6-29-83
 Date Shot 6-13-83 From 1802 To 1804
 With 1926 to 1934, 2009 to 2017
 Open Flow 53/10ths Water in 4 1/2 Inch
 /10ths Merc. in _____ Inch
 Volume 272107000 Cu. Ft.
 Rock Pressure 310 lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED 300 bbls. water, 60,000 L * Sand 669000 SCF Nitrogen

Casing and Tubing	Used in Drilling	Left in Well	XXXX Packer
Size			Kind of Packer
16			
13			
10	31'	31'	Size of
8 3/4	537	537	
6 3/4	1826	1826	Depth set
5 3/16	2060	2060	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 1/4 SIZE 537 /-surface No. Ft. 5-6-83 Date
4 1/2 -- 1710 -- 2060 Date -- 7-8-83

COAL WAS ENCOUNTERED AT 157 FEET INCHES
1230 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 53/10 water in 4 1/2 inch
 ROCK PRESSURE AFTER TREATMENT 310 lbs.
 Fresh Water hole full Feet 20 Salt Water 1022 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Gravel			0	31			
Sand			31	50			
Slate Shells			50	60			
Sand			60	70			
Slate			70	125			
Sand			125	150			
Slate			150	157			
Coal			157	160			
Slate			160	206			
Sand			206	255			
Slate			255	265			
Slate Shells			265	279			
Sand			279	285			
Slate			285	318			
Sand			318	370			
Slate Shells			370	388			
Sand			388	399			
Slate			399	421			
Sand			421	427			
Slate			427	550			
Sand			550	625			
Slate Shells			625	610			
Sand			670	694			
Slate Shells			694	730			
Sand			730	796			
Slate Shells			796	938			

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DEPT. OF MINES

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			938	1016			
Salt Sand			1016	1115			
Slate Shell			1115	1168			
Sand		Hard	1168	1230			
Coal			1230	1234			
Slate Shell			1234	1279			
Sand			1279	1395			
Slate Shell			1395	1505			
Red Rock			1505	1574			
Slate Shells			1574	1580			
Maxton Sand			1580	1618			
Slate Shell			1618	1684			
Pencil Cave			1684	1687			
Little Lime			1687	1727			
Slate			1727	1733			
Big Lime			1733	1753			
Slate			1753	1760			
Big Lime			1760	1916			
Gray Injun			1916	1923			
Red Injun			1923	1965			
Slate Shells			1965	1973			
Gritty Lime			1973	2016			
Weir Sand			2016	2062			
Slate Shells			2062	2097			
			Total depth		2097		

02/16/2024

Date July 19, 19__

APPROVED Jackson Development Co., Inc.

By [Signature] (Title) President

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

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MAY 9 - 1983

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

Permit No. D39-3949

Oil or Gas Well _____
(KIND)

Company JACKSON DEVELOPMENT

Address HAMLIN, W. VA.

Farm SALLY L. D. TODD

Well No. TODD 31

District ELK County KANAWHA

Drilling commenced 4/27/83

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 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 540 No. FT. 5/6 Date _____

NAME OF SERVICE COMPANY WELL SERVICE

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names SKENS & ADKINS 36 L SPUDDER

DARREL SKENS BOB GRIFFIN

Remarks: RAN 540' OF 8 5/8 CEMENTED TO SURFACE WITH 90 SKS

5/6/83
DATE

Craig Duckworth 505
DISTRICT WELL INSPECTOR

02/16/2024

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: _____

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

02/16/2024
DISTRICT WELL INSPECTOR



RECEIVED

APR 16 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Jackson Development
P.O. Box 498
Hamlin, WV

PERMIT NO 039-3949
FARM & WELL NO Sallie Todd Todd #31
DIST. & COUNTY EIK KANAWHA

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	_____	_____
16.01	Required Permits at Wellsite	_____	_____
17.02	Method of Plugging	_____	_____
18.01	Materials used in Plugging	_____	_____
23.02	Maintained Access Roads	_____✓	_____
25.01	Necessary Equipment to Prevent Waste	_____✓	_____
23.04	Reclaimed Drilling Pits	_____✓	_____
23.05	No Surface or Underground Pollution	_____✓	_____
17.06	Statutory Affidavit	_____	_____
7.06	Parties Responsible	_____	_____
7.05	Identification Markings	_____✓	_____

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

SIGNED Rockney Dillon
DATE 4/9/84

~~Your Affidavit of Plugging was received and reclamation requirements approved.
The well designated by the above permit number has been released under your bond.~~

Administrator-Oil & Gas Division

DATE

RECEIVED

APR 1 5 1981

DEPT. OF MINES
OIL & GAS DIVISION



Faint, illegible text in the upper right quadrant, possibly a header or address.

Faint, illegible text in the middle left quadrant, possibly a recipient name or address.

Faint, illegible text in the middle right quadrant, possibly a sender name or address.

Faint, illegible text in the lower left quadrant, possibly a signature or date.



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

May 3, 1984

Jackson Development Company, Inc.
P. O. Box 498
Hamlin, W. Va. 25523

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
KAN-3784	Sally L. D. Todd/Margaret Dickinson #30	Elk
KAN-3949	Sally L. D. Todd/Todd No. 31	Elk

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit, Administrator
Dept. Mines-Office of Oil & Gas

TMS/rl

02/16/2024

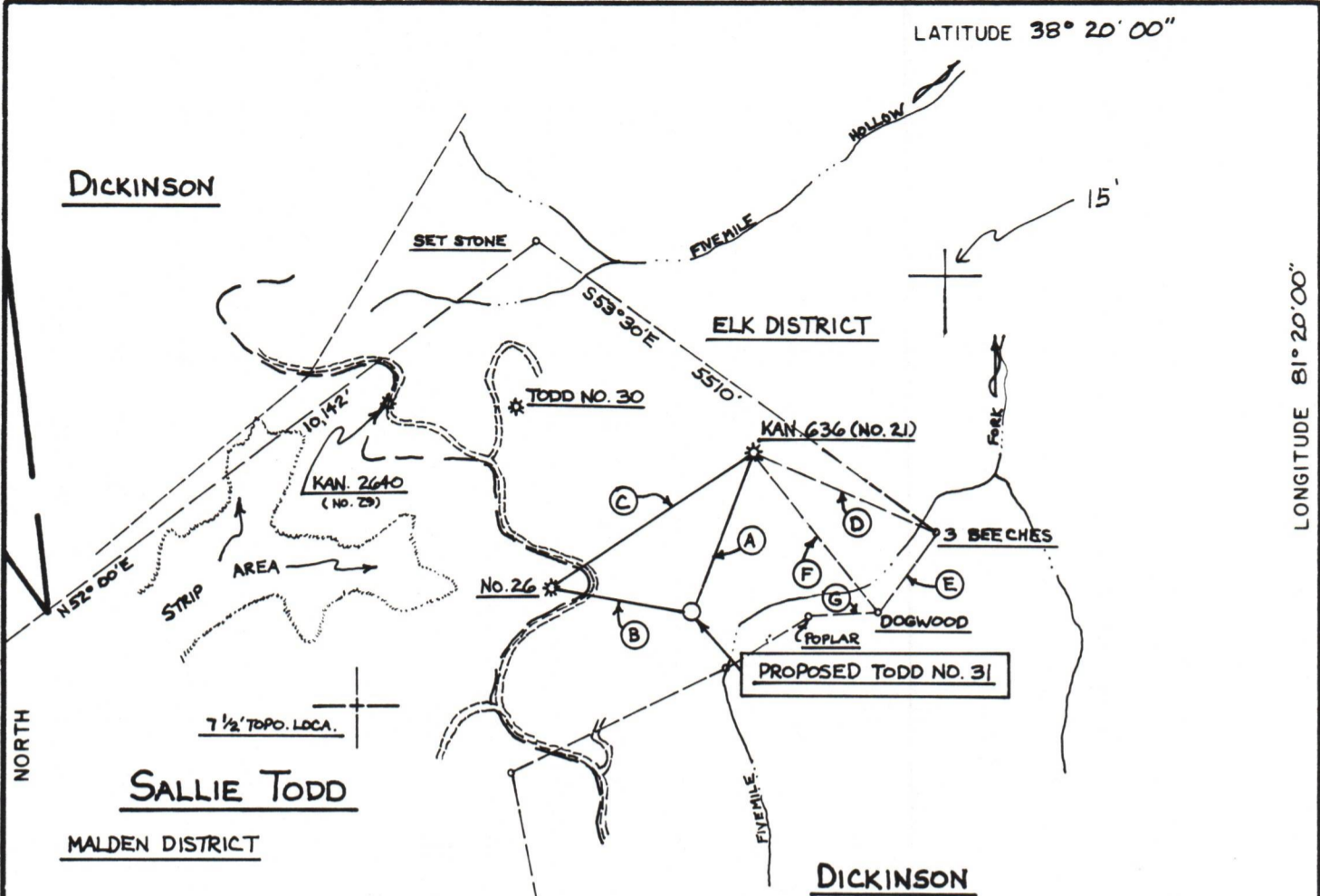
11,150'

LATITUDE 38° 20' 00"

LONGITUDE 81° 20' 00"

8118

NORTH



SURVEY TIES

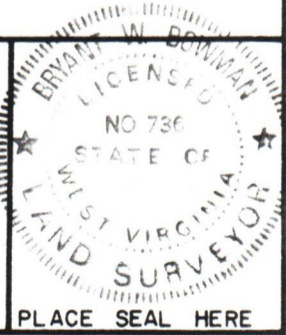
- (A) = S 12° 48' W ~ 2177.25'
- (B) = N 79° 27' W ~ 1621.31'
- (C) = N 48° 40' E ~ 2765.00'
- (D) = S 66° 15' E ~ 2260.00'
- (E) = S 33° 20' W ~ 1060.00'
- (F) = S 42° 00' E ~ 2361.00'
- (G) = N 86° 45' W ~ 798.00'

NOTE:

CALLS OF BOUNDARY ARE FROM
 1939 PLAT (KAN. 636) ON
 RECORD AT THE OIL & GAS
 DIVISION OF THE DEPARTMENT
 OF MINES, CHARLESTON, W.VA.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1-5000
 PROVEN SOURCE OF ELEVATION EXISTING WELL NO. 26, WEST OF LOCATION

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) Bryant W. Bowman
 R. P. E. _____ L. L. S. 736



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



Department of Mines
 Oil & Gas Division

DATE MARCH 9, 1983
 OPERATOR'S WELL NO. TODD NO. 31
 API WELL NO. 47-039-3949
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1161' WATER SHED FIVEMILE FORK OF MORRIS CREEK
 DISTRICT ELK COUNTY KANAWHA
 QUADRANGLE MAMMOTH (7 1/2')

SURFACE OWNER SALLIE TODD ACREAGE 2636 ACS.
 OIL & GAS ROYALTY OWNER SALLIE TODD LEASE ACREAGE 2636 ACS.
 LEASE NO. _____

02/16/2024

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 _____ ESTIMATED DEPTH 2040'
 WELL OPERATOR JACKSON DEVELOPMENT CO. DESIGNATED AGENT LOYD JACKSON
 ADDRESS BOX 498 ADDRESS BOX 498
HAMLIN, W.VA. 25523 HAMLIN, W.VA. 25523

KAN. - 3949

of the expense of marketing to be apportioned between the system of pipe lines to the number of wells owned by each connected into the system of pipe lines from which said surplus casing head gas is sold; but in case at any time there remains any such surplus of casing head gas which is not locally treated (i. e., at a plant treating casing head gas only produced on this and neighboring leases or lands) for gasoline, or sold locally, Lessee may meter such remaining surplus at any convenient point and thereupon mingle such surplus casing head gas with other gas in Lessee's own or other gas transportation lines, and shall pay Lessor for the gas so metered and commingled with other gas or transported to market, semi-annually, a rental equal to one-eighth of the average prevailing price per thousand cubic feet being currently paid at the well for gas by public utility companies in the field where the gas is produced, and shall apportion this rental between the respective Lessors according to the number of wells owned by each connected into the system of pipe lines supplying such surplus gas. 3rd--Should a well be found producing gas only, the full consideration to Lessor for such gas well and its products shall be a rental payable within thirty (30) days after the expiration of each quarter beginning with the date when gas is marketed therefrom and continuing so long as gas is produced and marketed or used off the premises, equal to one-eighth of 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 equal to one-eighth of the average prevailing purchase price currently paid at the well in the same field by public utility companies.

Said Lessee shall not be required in any event to increase the rate of said gas and gasoline payments or said royalty of oil or the delay rental payments hereinafter provided by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by said Lessor or their predecessors in title or otherwise; and if the Lessor does not have title to all the oil and gas in the leased premises, there shall be refunded such part of all delay rental, royalties and payments made by the Lessee under this lease, as shall be proportionate to the outstanding title, and payments thereafter to be made for such purposes shall be reduced in the same proportion.

The said Lessee covenants and agrees to pay a rental at the rate of Ninety Six and 25/100 (\$96.25) dollars quarterly in advance, beginning in six (6) months from this date, until a well is begun, or this lease is surrendered; any rental for time beyond the date of completion of a gas well shall be credited upon the drilling of a well deemed by the Lessee

to her credit or the credit of her prospective heirs or assigns in
Post Office _____ County, State of West Virginia, or in any of said
methods to _____ who is hereby appointed agent to receive
and receipt for the same.

Lessor may lay a line to any well producing gas only on said land or
from said well for her own use for heat and light in one dwelling house on said
land at Lessor's own risk, subject to the use, operation, pumping and right of
abandonment of the well and pipe line by the Lessee; the first two hundred thousand
cubic feet of gas so taken in each year shall be free, but all gas in excess of two
hundred thousand cubic feet taken in each year shall be paid for by the Lessor at
the current published local rates of the Lessee, and measurement and regulation
shall be by meter and regulators set at the tap on the well or line. 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 the Lessee published at such time relating to such use of gas.

It is further agreed that the Lessee shall have the right at any time
to surrender this lease, or from time to time any part or parts of the leased land
upon the payment of One Dollar (\$1.00) and all amounts due hereunder as to the land
surrendered, and thereafter the Lessee shall be released and discharged from all
payments, obligations, covenants and conditions herein contained as to the land so
surrendered, and this lease shall thereupon become null and void as to the land in
respect to which a surrender is made.

#159 Mail: Homer P. Elliott
407 Morrison Bldg.
City

AGREEMENT, Made and entered into the 10th day of July, 1954,
by and between FRANCES B. PRITCHARD, (widow), party of the first part,
hereinafter called the Lessor, and HOMER P. ELLIOTT, party of the second
part, hereinafter called the Lessee.

WITNESSETH: That the Lessor in consideration of One Dollar in hand
paid by the Lessee, receipt of which is hereby acknowledged, and of the covenants
and agreements hereinafter contained, hereby grants and warrants generally the
title to all the oil and gas in and under, and grants, demises and leases with
covenants of quiet possession, and of sole right to convey, all that certain tract
of land hereinafter described, for the sole and only purpose of operating for and
producing oil, gas and gasoline, together with rights of way and servitudes for
pipe lines, telephone and telegraph lines, structures, plants, houses and buildings
for employees, drips, tanks, stations, telephone, telegraph and electric power
lines, houses for gates, meters and regulators, and all other rights and privileges
necessary, incident to and convenient for the economic operation (including the drilling
of wells) of this land along and conjointly with neighboring lands for oil, gas
and gasoline, with the right to use free oil, gas, gasoline and water for such purposes
and with the right of removing either during or after the term hereof all and any
property and improvements placed or erected on the premises by Lessee; also
with the right of operating as one entire tract, or jointly with other tracts, situate
in Malden District, Kanawha County, and State of West Virginia, generally on the
waters of Campbells Creek, and bounded and described as follows:

On the North by lands of Sally Lewis Dickinson Chase;
On the East by lands of Sally Lewis Dickinson Chase;
On the South by lands of Kanawha & Hocking Coal & Coke Company; and
On the West by lands of Kanawha & Hocking Coal & Coke Company.

Book 134 Page 201

Containing seven hundred sixty-six (766) acres, more or less, reserving, however two hundred (200) feet from all buildings now on the premises, on which no well shall be drilled except by mutual consent.

To have and to hold unto and for the use of the Lessee for the term of

ten years from this date, and as long thereafter as the said land is operated by the Lessee in the search for or production of oil, gas or gasoline, with the extension of term by payment of rentals as hereinafter set forth.

IN CONSIDERATION OF THE PREMISES the said Lessee covenants and

agrees: 1st--To deliver to the credit of the Lessor, her heirs or assigns, free of cost, in the pipe line to which said Lessee may connect wells, a royalty of the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; 2nd--Should gasoline be manufactured locally from casing head gas produced from oil wells on the premises hereby leased, the Lessor shall receive, in full payment for such gas, one-eighth of the proceeds of the surplus gasoline thus manufactured and saved, less costs and losses incurred in preparing for market and in marketing the same, payable to the Lessor semi-annually. The gasoline manufactured from casing head gas produced on the premises hereby leased may be apportioned among several tracts, according to the number of wells on each and producing from supplying gas to the gasoline plant or plants, and in case there is a surplus of casing head gas over and above the amount required to operate the land leased, or conjointly with other lands, which is not treated for gasoline, but which is collected and sold locally by Lessee, then Lessor shall be paid semi-annually on account of any surplus casing head gas (excluding any residue of such gas which has been treated for gasoline) so sold, one-eighth of the net proceeds of sale, less said one eighth's proportionate cost of transportation from the place of production to the point of delivery to the purchaser or purchasers, such one-eighth and its proportion

The Lessor agrees to pay the post office office of a ... shall be made acceptable ...
page

The Lessor agrees to pay the post office office of a ... shall be made acceptable ...
County, and deposit in the post office then due hereunder, shall be made acceptable ...
last mentioned sum and all amounts then due hereunder, shall be made acceptable ...
as full and legal surrender of Lessee's rights under this lease.

All terms, conditions, limitations and covenants between the parties
hereto shall extend to their respective heirs, successors, personal representatives
and assigns.

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

Lessor:

Frances B. Pritchard (SEAL)
Frances B. Pritchard

Homer P. Elliott (SEAL)

WITNESS:

Jane D. Steel

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

I, *M. O. Pritchard*, a Notary Public of said
County and State, do certify that FRANCES B. PRITCHARD, (widow), whose
County and State, do certify that the writing above, and hereto annexed, bearing date the
County and State, do certify that the writing above, and hereto annexed, bearing date the

10th day of July, 1954, has this day acknowledged in the County of Kanawha, West Virginia.

Given under my hand this 24th day of July, 1954.

My commission expires on the 27th day of Oct, 1959.

[Signature]
Notary Public in and for Kanawha County, West Virginia

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

I, Jama O'Ster, a Notary Public of said County and State, do certify that HOMER P. ELLIOTT, whose name is signed to the writing above, and hereto annexed, bearing date the 10th day of July, 1954, has this day acknowledged the same before me in my said County.

Given under my hand this 29 day of July, 1954.

My commission expires on the 4 day of Oct, 1955.

Jama O'Ster
Notary Public in and for Kanawha County,
West Virginia

11:16



West Virginia Kanawha County Court Clerk's Office
This Instrument was this day presented to me in my office, and thereupon, together with the Certificate thereto annexed, is admitted to
AUG 10 1954