



1) Date: May 11, 19 83  
 2) Operator's Well No. Sally Todd # 32  
 3) API Well No. 47 State 039 County 3964 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: 1160' Watershed: Carver Fork of Campbells Creek  
 District: Malden County: Kanawha Quadrangle: Quick
- 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.
- 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:  
 Address Consolidated Gas Corp.  
445 W. Main St. Clarksburg, WV
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name D. Craig Duckworth 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address P. O. Box 454 Name Same as coal operator  
Mt. Lookout, W Va 26678 Address
- 15) PROPOSED WORK: Drill X / Drill deeper      / Redrill      / Fracture or stimulate       
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify) Weir
- 16) GEOLOGICAL TARGET FORMATION, Weir
- 17) Estimated depth of completed well, 2215' feet
- 18) Approximate water strata depths: Fresh, 315' feet; salt, 1350' feet.
- 19) Approximate coal seam depths:      Is coal being mined in the area? Yes      / No

RECEIVED  
MAY 18 1983  
OIL & GAS DIVISION  
DEPT. 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									Kinds
Fresh water	8 5/8	J	24		X	500		Top CTS	NEAT
Coal									Sizes
Intermediate	7	J	20		X	1790		CTS	
Production	4 1/2	J	15	X		2215		475	Depths set <u>as req by Rule 15-01</u>
Tubing									Perforations:
Liners									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: Heber M. Cussin  
 My Commission Expires August 11, 1985

Signed: Lloyd G. Jackson  
 Its: President

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-039-3964

Date June 2 02/16/2024 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires February 2, 1984

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>    </u>	Casing: <u>    </u>	Fee: <u>1158</u>
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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.

02/16/2024

Date: \_\_\_\_\_, 19\_\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_

Re: Margaret Dickinson Well #32

COAL OWNERS:

Princess Susan Coal Company  
4104-A MacCorkle Ave.  
Charleston, WV 25304

The Valley Camp Coal Company  
2971 E. Dupont Ave.  
Shrewsbury, WV 25184

Union Carbide Corp., Metal Div.  
32 Sanderson Road  
Clendenin, WV 25045

02/16/2024

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 5 mile fork of Morris Fork of Blue Creek.

02/16/2024

... and after the day and year first above written...

Witness my hand and seal of said County...

County of ... State of ...

... of said County...

... of said County...

... of said County...

... of said County...

... of said County...

... of said County...

... of said County...

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... of said County...

02/16/2024



IV-35  
(Rev 8-81)

Skeens/Adkins Well Service Rig #1  
Date \_\_\_\_\_  
Operator's \_\_\_\_\_  
Well No. 32  
Farm Sallie Todd  
API No. 47 - 039 - 3964

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas \_\_\_ / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 1160' Watershed Carver Fork of Campbells Creek  
District: Malden County Kanawha Quadrangle Quick 7.5'

COMPANY Jackson Development Company

ADDRESS Box 498, Hamlin, WV 25523

DESIGNATED AGENT Lloyd Jackson

ADDRESS Box 498, Hamlin, WV 25523

SURFACE OWNER Sallie Todd

ADDRESS 6207 Three Chopt Rd., Richmond, VA

MINERAL RIGHTS OWNER SAME

ADDRESS SAME

OIL AND GAS INSPECTOR FOR THIS WORK Martin

Nichols ADDRESS PO Box 554, Clendenin, WV

PERMIT ISSUED 25045

DRILLING COMMENCED 7-25-83

DRILLING COMPLETED 8-2-83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
<del>20</del> -10"	20'	20'	By hand.
9 5/8			
8 5/8	543'	543'	44 cu.ft.
7	1778'	1778'	NOT cemented.
5 1/2			
4 1/2	1820'	1820'	108 cu.ft.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2205' feet  
Depth of completed well 2195' feet Rotary \_\_\_ / Cable Tools X  
Water strata depth: Fresh 32' feet; Salt 1000' feet  
Coal seam depths: See well log Is coal being mined in the area? Strip

OPEN FLOW DATA  
Producing formation Big Lime, Big Injun, Weir Pay zone depth See back feet  
Gas: Initial open flow 119 Mcf/d Oil: Initial open flow \_\_\_ Bbl/d  
Final open flow 764 Mcf/d Oil: Final open flow \_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_ hours  
Static rock pressure 325 psig (surface measurement) after 48 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

02/16/2024

(Continue on reverse side)

2016 2/16

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

Big Lime: 11 Perforations  
1860-1870'

Big Injun: 11 Perforations  
1938-1948'

Weir: 17 Perforations  
2015-2023'

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
DEPTHS TAKEN FROM DRILLER'S LOG:					
Surface			0	25	
Sand			25	51	Water @ 32'
Slate			51	80	
Sand			80	98	
Slate shale			98	121	
Coal			121	125	
Sand			125	140	
Slate			140	170	
Sand and shale			170	236	
Sand			236	276	
Slate			276	300	
Sand			300	373	
Slate			373	546	
Sand slate			546	670	
Sand			670	714	
Slate sand			714	724	
Sand			724	837	
Slate			837	853	
Sand			853	915	
Slate			915	917	
Coal			917	926	
Slate			926	1000	Water @ 1000'
Sand			1000	1116	Hole full of water @ 1090'
Slate shale			1116	1152	
Sand			1152	1230	
Coal			1230	1234	
Slate and shells			1234	1273	
Sand			1273	1405	
Slate and shells			1405	1434	
Slate			1434	1480	
Sandy slate and shells			1480	1557	
Red rock			1557	1587	
Slate shells			1587	1692	
Pencil Cave			1692	1695	
Little Lime			1695	1728	

(Attach separate sheets as necessary)

Jackson Development Company  
Well Operator

By: \_\_\_\_\_  
Date: \_\_\_\_\_

02/16/2024

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."

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Slate Break			1728	1733	
Big Lime			1733	1738	
Slate			1738	1746	
Big Lime			1746	1751	
Slate			1751	1762	
Big Lime			1762	—	Gas Check @ 1873 - 84 Mcf
FORMATIONS TOPS TAKEN FROM ELECTRIC LOG - EKB				1161'	
Big Lime			—	1918	
Big Injun			1918	1946	Gas Check @ 1926 - 119 Mcf/d
Shale and siltstone			1946	2010	
Weir			2010	2029	
Shale			2029	2096	
Siltstone			2096	2134	
Shale			2134	—	
Total Depth			—	2195	
					Well logged by Allegheny Nuclear Surveys, Inc.
					Initial open flow - 119 Mcf/d

02/16/2024



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

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INSPECTOR'S WELL REPORT

Permit No. 039-3864

OIL & GAS DIVISION  
DEPT. OF MINES  
(KIND)

Company JACKSON DEVELOPMENT Co.  
 Address HAMLIN, W. VA.  
 Farm SALLY L. D. TODD  
 Well No. 32  
 District MALDEN County KANAWHA  
 Drilling commenced 7/21/83  
 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 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 500 No. FT. 7/29 Date  
 NAME OF SERVICE COMPANY WELL SERVICE  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names SKEENS & ADKINS 366 SPURDER

Remarks: RAW 500' OF 8 5/8 CEMENTED TO SURFACE

7/29/83  
DATE

Craig Luckworth 02/16/2024  
DISTRICT WELL INSPECTOR 505



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

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APR 16 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 039-3964

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Jackson Development	Size			
Address Hamlin, WV	16			Kind of Packer
Farm Sallie Todd	13			
Well No. Todd 32	10			Size of
District EIK County Kanawha	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: Meet with George Lovejoy to Check Reclamation  
Reclamation Incomplete  
Need Dorer work Seed, lime and mulch

4/19/84  
DATE

Rockney D. [Signature]  
02/16/2024  
DISTRICT WELL INSPECTOR



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

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

Permit No. 039-3964

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>JACKSON Dev.</u>	Size			
<u>Hamlin, WV</u>	16			Kind of Packer _____
<u>Sallie Todd</u>	13			
<u>#32</u>	10			Size of _____
<u>Malden</u> County <u>Kan.</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: LOCATION HAS BEEN RECLAIMED AND SEEDING  
GOING TO WAIT ON GRASS BEFORE RELAXING

8/10/84

DATE

Rob Dellen

02/16/2024  
DISTRICT WELL INSPECTOR





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

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OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY JACKSON Development  
HAMLIN, WV

PERMIT NO 034-3964

FARM & WELL NO Sallye Todd / #32

DIST. & COUNTY MAIDEN / KANAWHA

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

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

SIGNED L. Dillon

DATE 8/14/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...  
Administrator-Oil & Gas Division  
September 12, 1984

DATE \_\_\_\_\_

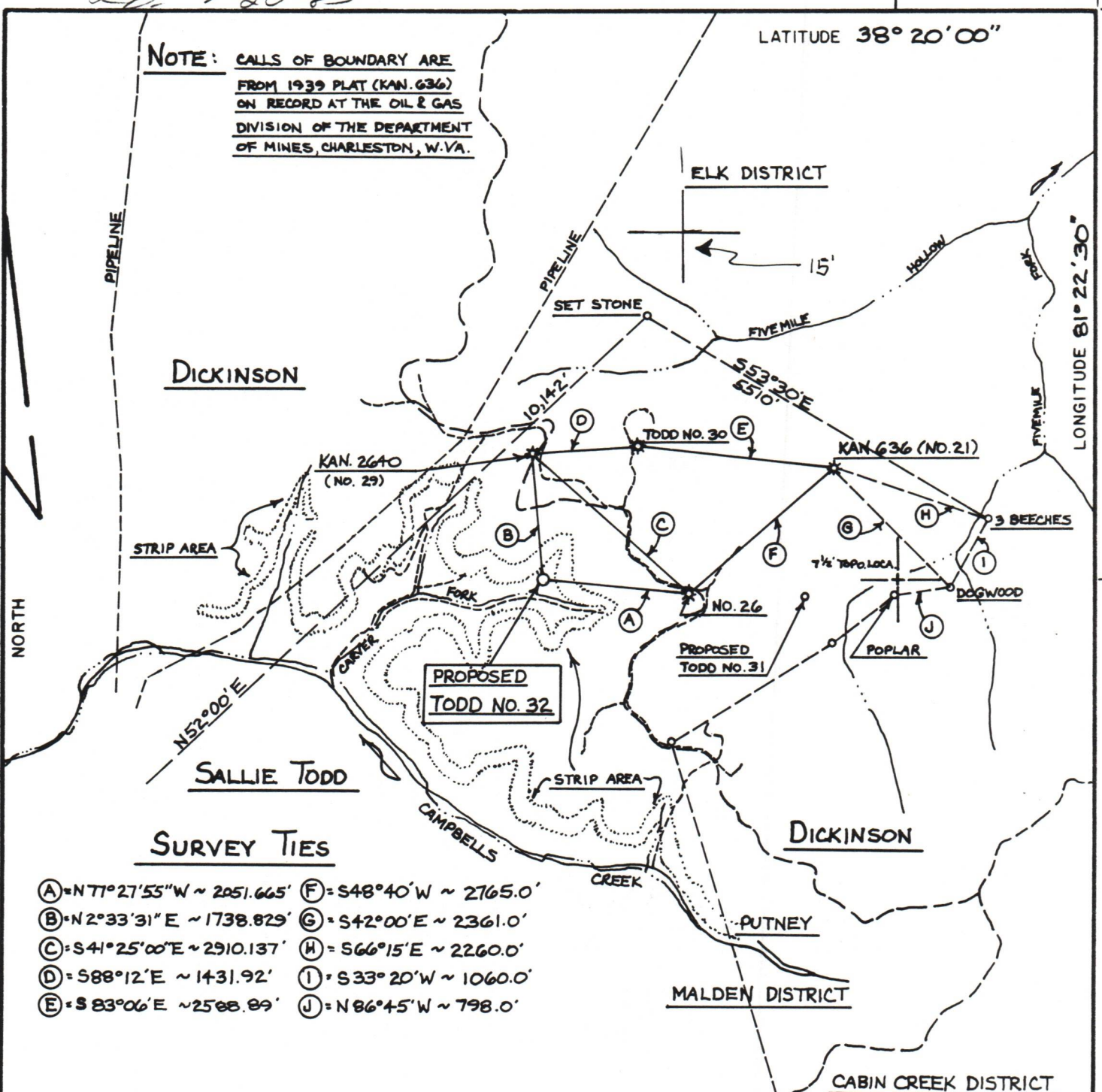
02/16/2024

9-20-83

2800'

**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.

LATITUDE 38° 20' 00"

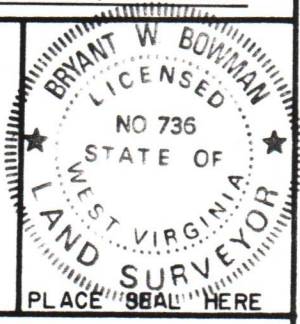


**SURVEY TIES**

- (A) = N 71° 27' 55" W ~ 2051.665'
- (B) = N 2° 33' 31" E ~ 1738.829'
- (C) = S 41° 25' 00" E ~ 2910.137'
- (D) = S 88° 12' E ~ 1431.92'
- (E) = S 83° 06' E ~ 2508.89'
- (F) = S 48° 40' W ~ 2165.0'
- (G) = S 42° 00' E ~ 2361.0'
- (H) = S 66° 15' E ~ 2260.0'
- (I) = S 33° 20' W ~ 1060.0'
- (J) = N 86° 45' W ~ 798.0'

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1-5000  
 PROVEN SOURCE OF ELEVATION EXISTING WELL NO. 26 EAST 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)



DATE MARCH 10, 19 83  
 OPERATOR'S WELL NO. TODD NO. 32  
 API WELL NO. \_\_\_\_\_  
47 - 039 - 3964  
 STATE COUNTY PERMIT

Department of Mines  
 Oil & Gas Division

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1160' WATER SHED CARYER FORK OF CAMPBELLS CREEK  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE QUICK (7 1/2')

SURFACE OWNER SALLIE TODD ACREAGE 2636 ACRES  
 OIL & GAS ROYALTY OWNER SALLIE TODD LEASE ACREAGE 2636 ACRES  
 LEASE NO. \_\_\_\_\_

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 weir ESTIMATED DEPTH 2215'  
 WELL OPERATOR JACKSON DEVELOPMENT Co. DESIGNATED AGENT LOYD JACKSON  
 ADDRESS Box 498 ADDRESS Box 498  
HAMLIN, W.VA. 25523 HAMLIN, W.VA. 25523

KAN. 3964



West Va. Kanawha County Court Clerk's Office  
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. Maulston) Clerk.  
Kanawha County Court.

MARGARET G. DICKINSON GUARDIAN

TO

L. C. MCKIM

ASSIGNED  
Book 78 Page 11

ASSIGNED  
Book 69 Page 65

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

THIS AGREEMENT, made and entered into this 13th day of June, 1925, by and between Margaret I. 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

RECEIVED  
MAY 18 1983  
OIL & GAS DIVISION  
DEPT. OF MINE

02/16/2024

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DEPT. OF MINE  
S. GAS VISION

02/16/2024

MAR. 14 1983



IV-9  
(Rev 8-81)

DATE MARCH 11, 1983  
WELL NO. Todd No. 32  
API NO. 47 - 039 - 3964

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME JACKSON DEVELOPMENT COMPANY DESIGNATED AGENT LOYD JACKSON  
Address BOX 498 HAMLIN, W.VA. 25523 Address BOX 498 HAMLIN, W.VA. 25523  
Telephone 304-756-9410 Telephone 304-756-9410  
LANDOWNER SALLIE TODD SOIL CONS. DISTRICT CAPITOL  
Revegetation to be carried out by LOYD JACKSON (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan: March 15, 1983 (Date)  
R. C. Alford (SCD Agent)

ACCESS ROAD		LOCATION
Structure <u>ACCESS ROAD</u>	(A)	Structure <u>DRILLING PIT</u> (1)
Spacing <u>± 250' @ 0-4% GRADE</u>		Material <u>EARTHEN</u>
Page Ref. Manual <u>2-14</u>		Page Ref. Manual <u>N/A</u>
Structure <u>CROSS DRAINS</u>	(B)	Structure <u>SEDIMENT BARRIER</u> (2)
Spacing <u>ONE CROSS DRAIN PER 200'</u>		Material <u>BRUSH FROM SITE, IF SUITABLE</u>
Page Ref. Manual <u>2-4 TABLE 1</u>		Page Ref. Manual <u>2-6</u>
Structure <u>DRAINAGE DITCH</u>	(C)	Structure <u>DIVERSION DITCH</u> (3)
Spacing <u>EARTHEN</u>		Material <u>EARTHEN</u>
Page Ref. Manual <u>2-12</u>		Page Ref. Manual <u>2-12</u>

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

REVEGETATION

Treatment Area I		Treatment Area II	
Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>HAY</u> 2.0 Tons/acre		Mulch <u>HAY</u> 2.0 Tons/acre	
Seed* <u>KY. 31 TALL FESCUE</u> 30 lbs/acre		Seed* <u>KY. 31 TALL FESCUE</u> 30 lbs/acre	
<u>CROWN VETCH</u> 10 lbs/acre		<u>CROWN VETCH</u> 10 lbs/acre	
<u>ANNUAL RYEGRASS</u> 10 lbs/acre		<u>ANNUAL RYEGRASS</u> 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 COMPANY  
ADDRESS 632 CHAS. NAT'L PLAZA  
CHARLESTON, W.VA. 25301  
PHONE NO. 304-346-9787

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

02/16/2024

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

LEGEND

Well Site ⊕

Access Road ———

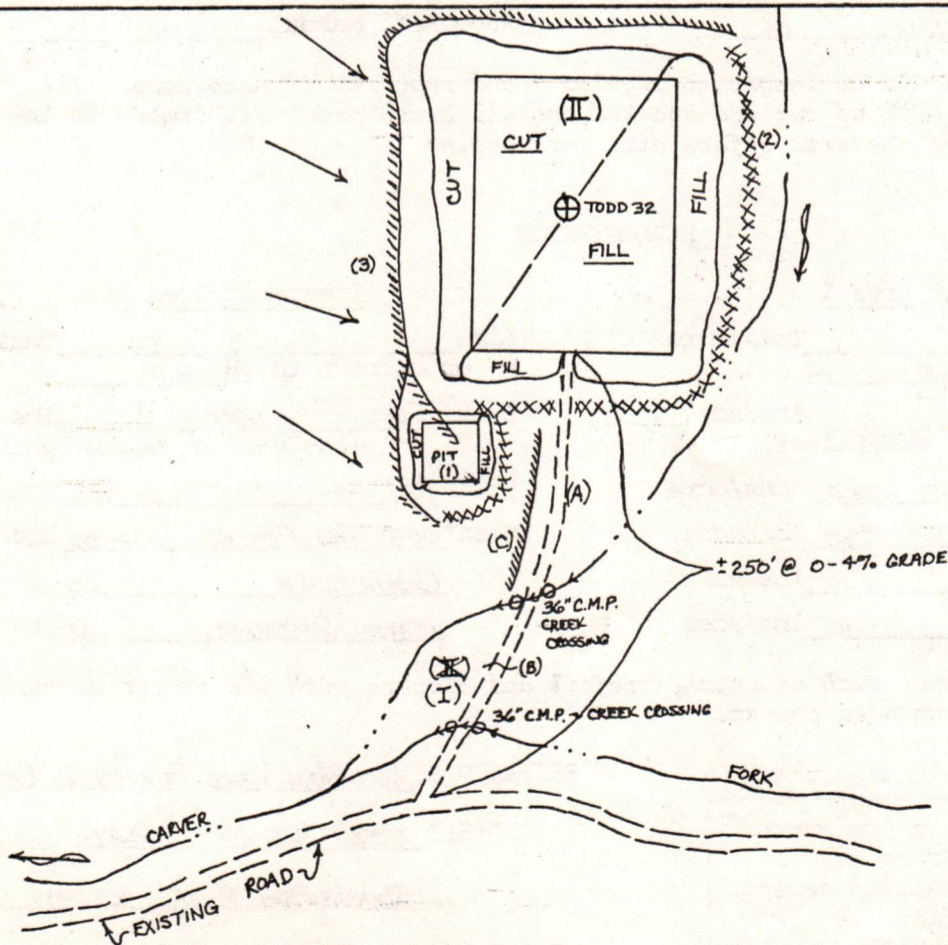


WELL SITE PLAN

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 ← = = = = =



02/16/2024

NOTE:- EXISTING ROAD WILL BE UPGRADED AS NECESSARY.  
 - MAXIMUM GRADE EXISTING ROAD IS ± 5%.  
 - TOPSOIL WILL BE REMOVED FROM SITE, STOCKPILED, AND UTILIZED FOR TOPDRESSING.

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 5  
mile fork of Morris Fork of Blue Creek.

02/16/2024

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.

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

L.C.

19. 49