



Date: SEPT. 27, 19 82

FORM IV-2 (Obverse) (12-81)

Operator's Well No. BYERS # 1

API Well No. 47 - 085 - 5928 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil xx / Gas xx / (If "Gas", Production xx / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1110 Watershed: BEECH RUN District: GRANT County: RITCHIE Quadrangle: ELLENBORO 7.5'

WELL OPERATOR B & L OIL CO. DESIGNATED AGENT C. JO MCCRADY Address 1420 7th st. PARKERSBURG, WV 26101

OIL & GAS ROYALTY OWNER COLUMBUS EDDY HEIRS Address PENNSBORO, WV COAL OPERATOR Address n/a

SURFACE OWNER A. SATTERFIELD Address Pennsboro, WV Acreage 89 COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address n/a

FIELD SALE (IF MADE) TO: Address Name Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name SAMEUL HERSMAN Address BOX 66 SMITHVILLE, WV 26178 COAL LESSEE WITH DECLARATION ON RECORD: Name Address n/a

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract / dated Aug. 31, 1982, to the undersigned well operator from T.G. BYERS AND KENNETH MCCULLOUGH

(IF said deed, lease, or other contract has been recorded:) Recorded on Sept. 13, 1982, in the office of the Clerk of the County Commission of RITCHIE County, West Va., in Book 148 at page 183. A permit is requested as follows:

PROPOSED WORK: Drill xx / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) -planned as shown on the work order on the reverse side hereof.

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.

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.

04/05/2024

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

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OIL & GAS DIVISION DEPT. OF MINES

BLANKET BOND

B & L OIL CO. Well Operator By C. J. McCurdy DESIGNATED AGENT

**PROPOSED WORK ORDER**

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) B & L OIL CO.

Address 1420 7th st.  
PARKERSBURG, WV

GEOLOGICAL TARGET FORMATION, MARCELLUS SHALE

Estimated depth of completed well, 5500 feet Rotary XXX / Cable tools      /

Approximate water strata depths: Fresh, 335 feet; salt, 585 feet.

Approximate coal seam depths: n/a Is coal being mined in the area? Yes      / No XXX /

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11 3/4	J55				350	350	CTS	Kinds
Fresh Water									Sizes
Coal									
Intermediate	8 5/8	J55	24 1/2	x		1200	1200	to surface	
Production	4 1/2	J55	10.5	x			5500	500 sks	Depths set
Tubing									Perforations:
Liners									Top Bottom

NOTE: 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.

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.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**

**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**

**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**

**APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE**

**IF OPERATIONS HAVE NOT COMMENCED BY June 4, 1983**

**BY [Signature]**

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**

**04/05/2024**


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     

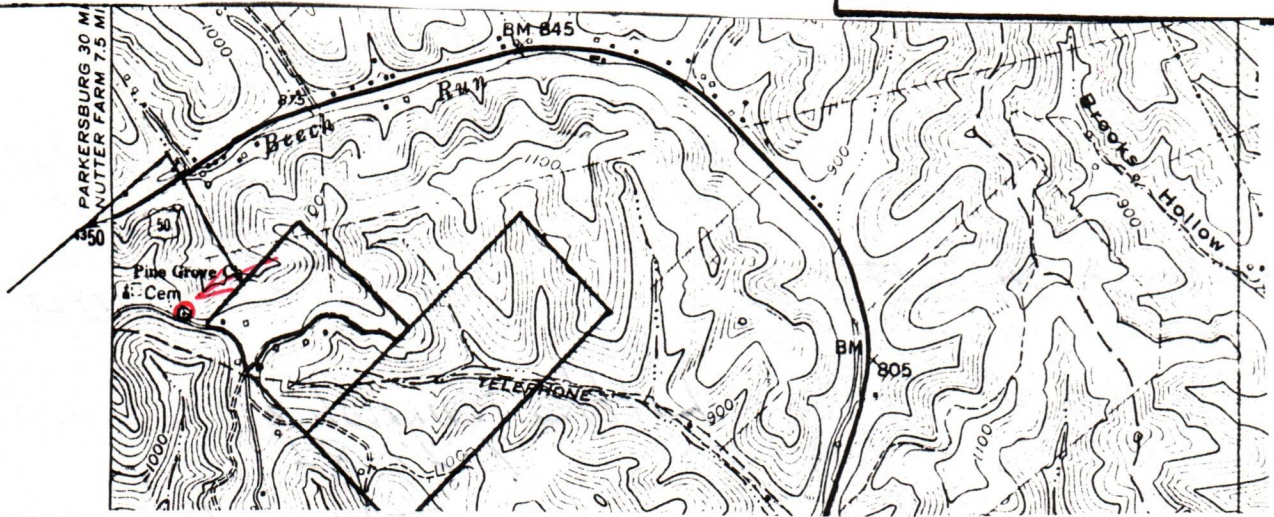
By       
Its

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

**LEGEND**

Well Site 



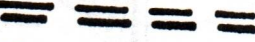








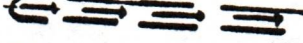
Access Road 

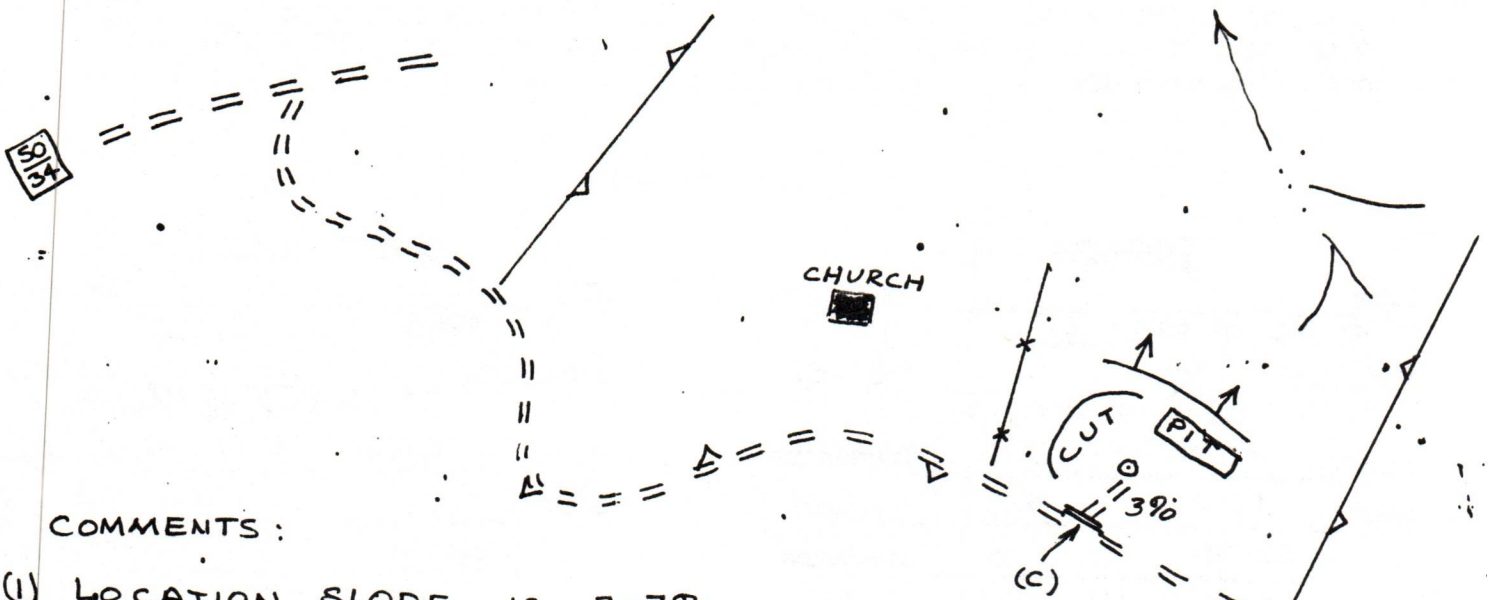


WELL SITE PLAN

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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



COMMENTS :

- (1) LOCATION SLOPE IS 3-7%
- (2) LOCATION IS ON A "FLAT ALONG THE ROAD"
- (3) LOCATION HAS SEVERAL TREES 8-12" DIA.
- (4) ACCESS ROAD IS LESS THAN 50'

04/05/2024



DATE SEPT. 22, 1982

WELL NO. BYERS #1

API NO. 47-085-592

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME B & L OIL CO.  
Address 1420 7th st. PARKERSBURG, WV 26101  
Telephone 304-424-5220

DESIGNATED AGENT C. JO MCCRADY  
Address 1420 7th st, PARKERSBURG, WV 26101  
Telephone 304-424-5220

LANDOWNER A. SATTERFIELD

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by C. JO MCCRADY (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 9-27-82 (Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD	
Structure <u>CROSS DRAINS</u>	(A)
Spacing <u>NONE NEEDED</u>	
Page Ref. Manual <u>2-4</u>	
Structure <u>OPEN DRAIN</u>	(B)
Spacing	
Page Ref. Manual <u>2-12</u>	
Structure <u>CULVERT - C.M.P.</u>	(C)
Spacing <u>ONE 18" AT ROAD DITCH</u>	
Page Ref. Manual <u>2-7</u>	

LOCATION	
Structure <u>see comments</u>	(1)
Material	
Page Ref. Manual	
Structure	(2)
Material <u>OCT 04 1982</u>	
Page Ref. Manual	
Structure <u>DEPT. OF MINES</u>	(3)
Material	
Page Ref. Manual	

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 \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

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

Mulch hay or straw 1.5 Tons/acre

Seed\* KY 31 40 lbs/acre  
REDTOP 5 lbs/acre  
LADINO CLOVER 3 lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

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

Mulch hay or straw 1.5 Tons/acre

Seed\* KY 31 40 lbs/acre  
REDTOP 5 lbs/acre  
LADINO CLOVER 3 lbs/acre

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

PLAN PREPARED BY NEAL HUGHES

ADDRESS RT 1 BOX 2  
BEREA, WV 26327

PHONE NO. 304-659-2378

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

04/05/2024

PARKERSBURG 30 MI.  
NUTTER FARM 7.5 MI.

17'30"

4348

4347

4346

280 000  
FEET

4345



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OIL & GAS DIVISION  
DEPT. OF MINES

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AFFIDAVIT OF ROYALTY PAYMENT

LEASE NAME: BYERS, AND MCCULLOUGH  
MINERAL OWNER: COLUMBUS EDDY HEIRS  
WELL NAME: BYERS # 1

I, C. JO MCCRADY (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: C. J. McCrady  
(Owner, Operator, or Authorized Rep.)

Notary: Bruce E. Doak (Signed)  
My Commission expires JUNE 3, 1991

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OIL & GAS DIVISION  
DEPT. OF MINES

04/05/2024

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B & L OIL COMPANY



1420 Seventh Street  
Parkersburg, WV 26101  
(304) 424-5220

ROYALTY PROVISIONS

BYERS # 1

Kenneth McCullough and T.G. Byers each seperately receives  
1/2 of 1/16 overriding interest

B & L OIL CO. receives 7/8 minus 1/16 W.I.

Columbus Eddy Heirs recieves 1/8 R.I.

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OIL & GAS DIVISION  
DEPT. OF MINES



# ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, Kenneth McCullough and T. G. Byers, DBA Gypsy Oil & Gas Co.

hereinafter called Assignor (whether one or more), for and in consideration of One Dollar (\$1.00) the receipt whereof is hereby acknowledged, does hereby sell, assign, transfer and set over unto

Oil Development Co.

(hereinafter called Assignee) \_\_\_\_\_ interest in and to the oil and gas lease dated DEC. 30, 1981, from GOLDIE MERCER, JOHN NORRIS, A.E. MERCER

\_\_\_\_\_ lessor to Kenneth McCullough and T. G. Byers lessee

recorded in book \_\_\_\_\_, page 868 and 87 insofar as said lease covers the following described land in RITCHIE County, State of WEST VIRGINIA:

- NORTH BY S. C. Satterfield and S. W. Newbough
- SOUTH BY J. C. Carlile
- EAST BY S. C. Satterfield & William Payne
- WEST BY North Western Pike

of Section District Grant ~~xxxxxxx~~ Range \_\_\_\_\_ and containing 89 acres, more or less together with the rights incident thereto and the personal property thereon, appurtenant thereto, or used or obtained in connection therewith.

And for the same consideration the Assignor covenants with the Assignee, its or his heirs, successors or assigns: That the Assignor is the lawful owner of and has good title to the interest above assigned in and to said lease, estate, rights and property, free and clear from all liens, encumbrances or adverse claims; That said lease is a valid and subsisting lease on the land above described, and all rentals and royalties due thereunder have been paid and all conditions necessary to keep the same in full force have been duly performed.

EXECUTED, This 31 day of AUGUST, 1982

*[Handwritten signatures]*

*[Handwritten signatures: Kenneth McCullough, T.G. Byers]*

STATE OF WEST VIRGINIA )  
COUNTY OF RITCHIE ) ss. ACKNOWLEDGMENT FOR INDIVIDUAL (Kan., Okla. and Colo.)

Before me, the undersigned, a Notary Public, within and for said County and State, on this 31 day of AUGUST, 1982, personally appeared Kenneth McCullough and T. G. Byers

to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that \_\_\_\_\_ executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written. My commission expires JULY 17, 1989 \_\_\_\_\_ Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss. CORPORATION ACKNOWLEDGMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me the undersigned, a Notary Public in and for said county, personally came \_\_\_\_\_

President of the \_\_\_\_\_, *04/05/2024* to me personally known to be the President and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed as such officer and the voluntary act and deed of the said \_\_\_\_\_, and that the Corporate seal of the said \_\_\_\_\_ was thereto affixed by its authority.

Witness my hand and Notarial Seal at \_\_\_\_\_ in said county the day and year last above written. My commission expires \_\_\_\_\_ Notary Public

This Instrument Prepared by: *[Handwritten signature]*

ASSIGNMENT OF OIL AND GAS LEASE

THIS ASSIGNMENT OF OIL AND GAS LEASE is made this 1st day of October 1981, by and between the undersigned lessor and assignor, and the undersigned lessee and assignee.

WITNESSETH that the undersigned lessor and assignor are the legal owners and possessors of the above described premises, and that they are fully authorized to execute this assignment.

IN WITNESS WHEREOF, the undersigned lessor and assignor have hereunto set their hands and seals, and the undersigned lessee and assignee have hereunto set their hands and seals, at the City of Oklahoma, State of Oklahoma, this 1st day of October, 1981.

\_\_\_\_\_  
Lessor and Assignor

\_\_\_\_\_  
Lessee and Assignee

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
County Clerk

\_\_\_\_\_  
State of Oklahoma

\_\_\_\_\_  
Oil and Gas Lease

\_\_\_\_\_  
Assignment

\_\_\_\_\_  
Date

\_\_\_\_\_  
Place

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Notary

\_\_\_\_\_  
County

\_\_\_\_\_  
State

\_\_\_\_\_  
Oil and Gas Lease

\_\_\_\_\_  
Assignment

\_\_\_\_\_  
Date

\_\_\_\_\_  
Place

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Notary

\_\_\_\_\_  
County

\_\_\_\_\_  
State

\_\_\_\_\_  
Oil and Gas Lease

\_\_\_\_\_  
Assignment

\_\_\_\_\_  
Date

\_\_\_\_\_  
Place

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Notary

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DEPT. OF MINES  
OIL & GAS DIVISION

04/05/2024

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1. First well to be drilled within 60 days.
2. Second well to be drilled within one year from the first well.
3. If second well is not drilled within one year, then the first well shall only hold 30 acres in circumference and the Lessor will surrender the remaining acreage.
4. If third well is not drilled within one year from the second, then the first and second wells will only hold 60 acres and the Lessor will surrender the remaining acreage.
5. Lessee reserves 3 acres in circumference around existing well.
6. Lessee reserves 1/16 overriding interest.
7. Lessor hereby agrees to furnish a certified title to said lease, if not all rental payments shall be refunded within 60 days of signing.

Kenneth McCullough  
T.G. Byers

STATE OF WEST VIRGINIA  
 COUNTY OF RITCHIE

Before me, the undersigned, a Notary Public, within and for said County and State, on this 31st day of AUGUST 1982 personally appeared Kenneth McCullough and T.G. Byers to me personally know to be the identical persons who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth. In WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.  
 My Commission expires July 17, 1989

C. J. McCready  
 Notary Public

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OIL & GAS DIVISION  
 DEPT. OF MINES

My commission expires JULY 17, 1989

04/05/2024

STATE OF \_\_\_\_\_ } ss.

Book 147  
Pg. 87

a-11

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THIS ASSIGNMENT AND RATIFICATION, made this the 21<sup>st</sup> day of ~~December~~ <sup>June</sup>, 1981, by and between GLENN E. MERCER and LEONA MERCER LEMLEY, parties of the first part, and S. KENNETH McCULLOUGH and T. G. BYERS, parties of the second part.

WHEREAS, the second parties have heretofore purchased the oil and gas lease and leasehold estate formerly owned by Goldie Mercer and others on the oil and gas lease originally made by Columbus Eddy and wife, dated March 1, 1904, recorded in Lease Book No. 19, page 358 in the Ritchie County Courthouse, West Virginia, covering an 89 acre tract situate in Grant District, Ritchie County, West Virginia, but the assignment was never placed of record and is not available at this time, and,

WHEREAS, the said Goldie Mercer having died testate in 1970, and devised her estate to her two children, Glenn E. Mercer and Leona Mercer Lemley, by her Last Will and Testament recorded in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Will Book No. 9, at page 456, and,

WHEREAS, the second parties have since 19 operated said lease and leasehold estate, and have received the proceeds derived therefrom and have owned said lease and leasehold estate by purchase of same from Goldie Mercer, Estate of John Norris and others, and are recognized as the legal title owners of same.

Therefore, that for and in consideration of the sum of Five Dollars (\$5.00), cash in hand paid, and other good and valuable considerations, the receipt of all which is hereby acknowledged, the said first parties do hereby assign, transfer and set over all their right, title and interest in and to the said lease and leasehold estate created thereby, unto the second parties, their heirs or assigns, together with all the equipment and appliances situated thereon or used in operation thereof, and do ratify and confirm all payments received by them from any production sold or saved from said lease since the sale of same by their mother, Goldie Mercer, in 19 , and release all persons and firms from any claims whatsoever to moneys received or production

04/05/2024

8/10/82  
26170  
Mailed: S. K. McCullough, Rt. 39, St. Marys, WV



sold and to any equipment located on said lease.

WITNESS the following signatures and seals.

[Signature] (SEAL)  
Glenn E. Mercer

[Signature] (SEAL)  
Leona Mercer Lemley

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

The foregoing instrument was this the 24<sup>th</sup> day of June,  
198<sup>2</sup>1, acknowledged before me by Glenn E. Mercer.

My Commission expires: March 3, 1992

[Signature]  
Notary Public.

STATE OF West Virginia,  
COUNTY OF Ritchie, TO-WIT:

The foregoing instrument was this the 3<sup>rd</sup> day of June,  
198<sup>2</sup>1, acknowledged before me by Leona Mercer Lemley.

My Commission expires: Nov. 10, 1991

[Signature]  
Notary Public

This instrument was prepared by: James M. Powell, Attorney at Law,  
Parkersburg, WV.

STATE OF WEST VIRGINIA,

04/05/2024  
(Form CC No. 3)

Ritchie County Commission Clerk's Office ----- August 10th, 1982  
at 10:10 o'clock A. M.

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

Teste: [Signature] Clerk

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all of the following equipment located on said lease:  
with the following quantities and serials:

*[Faint handwritten text and illegible signatures]*

STATE OF WEST VIRGINIA

COUNTY OF PUTNAM, WEST VIRGINIA

The foregoing instrument was duly filed for record in the office of the

Recorder of Deeds for the County of Putnam, West Virginia, on the

\_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

*[Faint handwritten text and illegible signatures]*

STATE OF WEST VIRGINIA

COUNTY OF PUTNAM, WEST VIRGINIA

The foregoing instrument was duly filed for record in the office of the

Recorder of Deeds for the County of Putnam, West Virginia, on the

\_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

*[Faint handwritten text and illegible signatures]*

This instrument was recorded by James H. Kelly, Recorder of Deeds,  
Putnam County, W. Va.

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DEPT. OF MINES

04/05/2024

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

5046-56	8 holes	2798-2801	4 holes
4984-87	4 holes	2591-95	6 holes
4841-44	4 holes		
4798-4802	5 holes		
4499-4501	3 holes		
4299-4302	4 holes		
4030-32	3holes		
3676-78	4 holes	2 million N2 and 1000 gal acid	
2976-78	3 holes		
2962-65	5 holes		
2892-97	5 holes		
2870-74	4 holes		

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
dunkard			1392	1423	
first salt			1538	1554	
second salt			1622	1650	
third salt			1750	1790	
maxon			1856	1882	
lime			1915	1923	
keener			1984	2027	
injun			2033	2110	
weir			2246	2314	
berea			2474		
gantz			2590	2597	
gordon			2892	2899	
speechley			3644	3678	
BRADFORD			4102	4169	
riley			4538	4620	
alexander			4790	4848	
elk			5048	5060	
hamilton			5580	TD	
balltown			3860	3868	

(Attach separate sheets as necessary)

B&L OIL CO.

Well Operator

By: JUBAL TERRY

Date: JAN. 10, 1983

04/05/2024

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."





IV-35 (Rev 8-81)

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OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date Jan. 10, 1983 Operator's Well No. # 1 Farm BYERS API No. 47 - 085 - 5928

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

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

LOCATION: Elevation: 1110' Watershed BEECH RUN District: GRANT County RITCHIE Quadrangle ELLENBORO 7.5'

COMPANY Alan Gable Oil Development co.

ADDRESS P O BOX 165. DAVISVILLE, W V

DESIGNATED AGENT C. JO MCCRADY

ADDRESS P O BOX 165, DAVISVILLE, WV

SURFACE OWNER A. SATTERFIELD

ADDRESS PENNSBORO, WV

MINERAL RIGHTS OWNER COLUMBUS EDDY HEIRS

ADDRESS PENNSBORO, WV

OIL AND GAS INSPECTOR FOR THIS WORK

SAM HERSMAN ADDRESS SMITHVILLE, WV

PERMIT ISSUED #5928 10/4/82

DRILLING COMMENCED 10/7/82

DRILLING COMPLETED 10/17/82

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

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION MARCELLUS SHALE Depth 5500 feet

Depth of completed well 5662 feet Rotary xxx / Cable Tools

Water strata depth: Fresh 335 feet; Salt 585 feet

Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation alexander, elk Pay zone depth 2870-5056 feet

Gas: Initial open flow 500,000 Mcf/d Oil: Initial open flow no Bbl/d

Final open flow 500,000 Mcf/d Final open flow no Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 800 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth 04/05/2024 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

(Continue on reverse side)

RIT. 5928

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OCT 04 1982

Hardman & Powell  
Attorneys at Law  
500 Green Street  
P. O. Box 31  
Parkersburg, WV 26102

OIL & GAS DIVISION  
DEPT. OF MINES  
Area Code 304

Owille L. Hardman  
James M. Powell  
J. C. Powell

Dec. 17, 1931,

Mr. S. Kenneth McCullough  
St. Marys, W.Va.

Re: 89 Ac. oil and gas lease  
Grant District, Ritchie County, WV.  
Former owners: Goldie Mercer &  
John Norris and  
A. C. Mercer

Dear Mr. McCullough,

Pursuant to your request I hereby certify that I have searched the records concerning title to the oil and gas lease on the 89 Acre tract situate in Grant District, Ritchie County, WV., originally leased by Columbus Eddy and Carrie B. Eddy, his wife, by lease dated March 1, 1904, recorded in Lease Book No. 19, page 358; described as follows: Bounded

- On the North by lands of S. C. Satterfield & S.M. Hewbough
- On the East by lands of J. C. Satterfield & Ma. Payne,
- On the South by lands of J. C. Carlile,
- On the West by lands of North Western Pike.

This lease was made to F. C. Stewart.

By Lease Book No. 19, page 363, dated March 17, 1904, F. C. Stewart assigned same to The Carter Oil Co.

The Carter Oil Co. assigned same to W. J. Mercer & John Norris, by assignment dated Dec. 29, 1923, Lease Book No. 49, page 335, including Well No. 2 on said lease.

John Norris died testate 1926, and by Will recorded in Will Book No. 4, page 86, devised 1/2 to wife, Agnes Norris and 2/3 to his children (not named)

By assignment from W. J. Mercer to Goldie Mercer, dated January 6, 1938, Lease Book No. 67, page 464, there was assigned his 1/2 interest to the lease and leasehold estate in the Eddy lease.

By assignment dated October 27, 1941, Lease Book No. 71, page 290, Agnes Norris, widow, Opal Norris Lowther, Luella Norris McFadden, J. R. Norris and Mildred Norris Hedley, heirs of John Norris, assigned a joint undivided 1/2 interest in Well No. 3 on the said Eddy lease.

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

RECEIVED <sup>B-4</sup>

OCT 13 1982

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

Permit No. 85-5928

DEPT. OF MINES  
Oil or Gas Well  
(KIND)

Company <u>B. + L. Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm <u>A. Scatterfield</u>	16			
Well No. <u>Byers # 1</u>	13			Size of _____
District <u>Grant</u> County <u>Ritchie</u>	10			
Drilling commenced <u>10-7-82</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			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 David Boggs / Ivan Nickles / Doyle Whystell  
Empire Drilling Rig # 21 <sup>tool Pusher</sup>  
Remarks: Ed Starcher

Rigged up - Starting to Drill

10-7-82  
DATE

Samuel N. H... <sup>04/05/2024</sup>  
DISTRICT WELL INSPECTOR

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

\_\_\_\_\_  
DISTRICT WELL INSPECTOR  
04/05/2024

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

<sup>B.S.</sup>  
**RECEIVED**  
OCT 18 1982

**INSPECTOR'S WELL REPORT**

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 85-5928

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

Company <u>B+S Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>A. Scatterfield</u>	16			Kind of Packer _____
Well No. <u>Byers #1</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>10-7-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names David Boggs / Ivan Nickles / Doyle Whytsell  
Empire Drilling Rig # 21  
Remarks: total Pusher Ed Starcher

on 10-12-82 Ran 1359 feet of 8 5/8 casing  
B.J. Hughes ran 280 sacks Class A net  
and 150 sacks Class A net

10-13-82  
DATE

Samuel N. Reisman <sup>04/05/2024</sup>  
DISTRICT WELL INSPECTOR

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

04/05/2024  
DISTRICT WELL INSPECTOR

Also B.K. Oil Co.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

B-11  
RECEIVED  
SEP 27 1983

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 085-5920 County Ritchie  
Company O.C. DEVELOPMENT Co. Farm BYER'S  
Inspector MIKE UNDERWOOD Well No. No 1 #  
Date 9-19-83

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	___	___
23.02	Maintained Access Roads	___	___
25.01	Necessary Equipment to prevent Waste	___	___
23.03	Reclaimed Drilling Site	X	___
23.04	Reclaimed Drilling Pits	X	___
23.05	No surface or underground Pollution	___	___
7.03	Identification Markings	X	___

COMMENTS: Final inspection O.K. Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Underwood  
DATE: 9-19-83

04/05/2024



B-12

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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

October 7, 1983

B & L Oil Company  
c/o Alan Gable Oil Development, Inc  
P. O. Box 165  
Davisville, W. Va. 26142

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>
RIT-5928	A. Satterfield/Byers #1	Grant
RIT-6057	H. Hastings/Scadden #6	Grant
RIT-5617	H. H. Border/Hill #1	Grant
RIT-5694	Robert Davis, #1	Grant
RIT-5738	Gordon Kibbee, #1	Grant

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  
Office of Oil & Gas-Dept. Mines

TMS/

04/05/2024



IV-27  
11/23/81

RECEIVED



JUL 22 1983

STATE OF WEST VIRGINIA

OIL & GAS DIVISION  
DEPT. OF MINES  
Oil and Gas Division

E-3

Date: July 20-83  
Well No: Byers 1  
API NO: 47 - 85 5928  
State County Permit

NOTICE OF VIOLATION

WELL TYPE: Oil  / Gas  Liquid Injection  / Waste Disposal  /  
Of "Gas" - Production  / Storage  / Deep  / Shallow  /

LOCATION: Elevation: 1110 Watershed: Beech Run  
District: Grant County: Ritchie Quadrangle: Ellenboro

WELL OPERATOR B+L Oil Co DESIGNATED AGENT C. Jo McCrady  
Address P.O. 165 Address P.O. 165  
Davisville Davisville W.V. 26142

The above well is being posted this 20 day of July, 1983, for a violation of Code 22-4-2B and/or Regulation 23.03, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Reclamation Incomplete*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

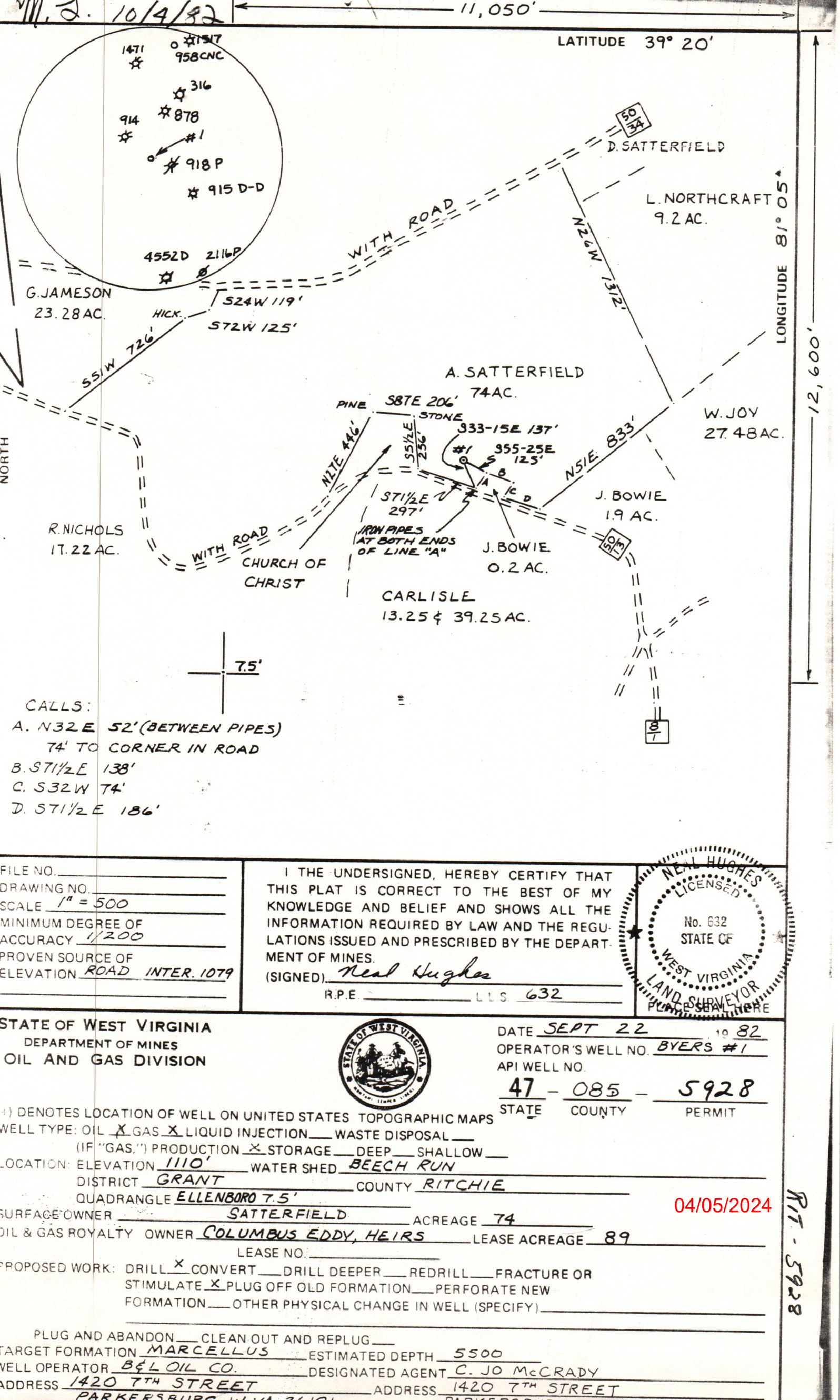
You are hereby granted until July 27, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel M. Hersman  
Oil and Gas Inspector

Address P.O. 66  
Smithville W.V.  
26178

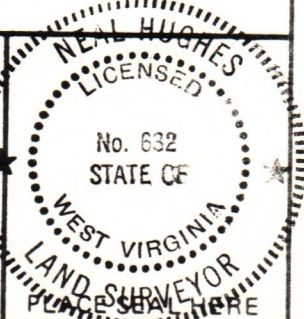
Telephone: 477-3570 04/05/2024



- CALLS:
- A. N32E 52' (BETWEEN PIPES)  
74' TO CORNER IN ROAD
  - B. S71 1/2 E 138'
  - C. S32W 74'
  - D. S71 1/2 E 186'

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION ROAD INTER. 1079

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE SEPT 22 1982  
 OPERATOR'S WELL NO. BYERS #1  
 API WELL NO. \_\_\_\_\_  
47 - 085 - 5928  
 STATE COUNTY PERMIT

+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS.") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1110' WATER SHED BEECH RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE ELLENBORO 7.5'  
 SURFACE OWNER SATTERFIELD ACREAGE 74  
 OIL & GAS ROYALTY OWNER COLUMBUS EDDY, HEIRS LEASE ACREAGE 89  
 LEASE NO. \_\_\_\_\_

04/05/2024

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5500  
 WELL OPERATOR B&L OIL CO. DESIGNATED AGENT C. JO McCRADY  
 ADDRESS 1420 7TH STREET ADDRESS 1420 7TH STREET  
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

RT - 5928