

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 26101

GEOLOGICAL TARGET FORMATION, MARCELLUS SHALE

Estimated depth of completed well, 5800 feet Rotary xxx/ Cable tools /

Approximate water strata depths: Fresh, 15 feet; salt, 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					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11 3/4	J55				350	350	CTS	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8	J55	24 1/2	x		1105	1105	to surface	
Production	4 1/2	J55	10.5	x			5800	500 sks	Depths set
Tubing									
Liners									Perforations:
									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 5-6-83
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

04/12/2024

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

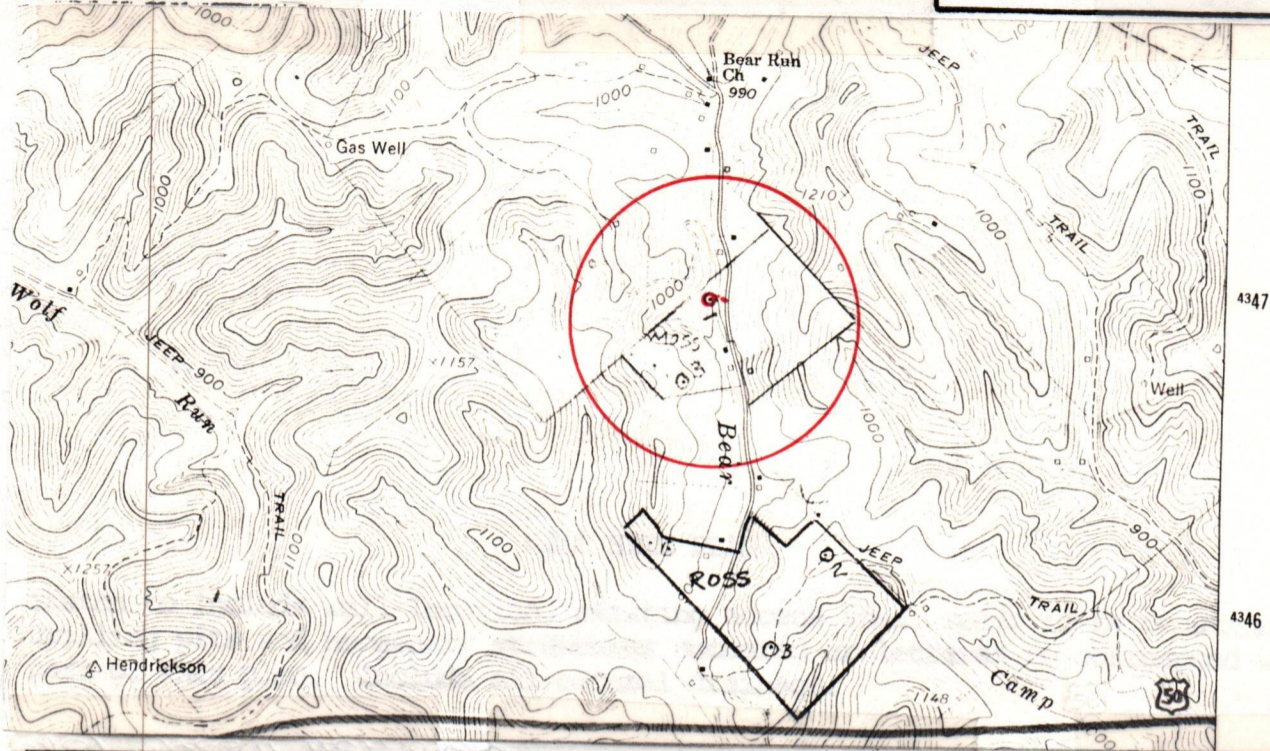
BLANKET BOND

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE SHULTZ (7.5')

LEGEND

Well Site ⊕

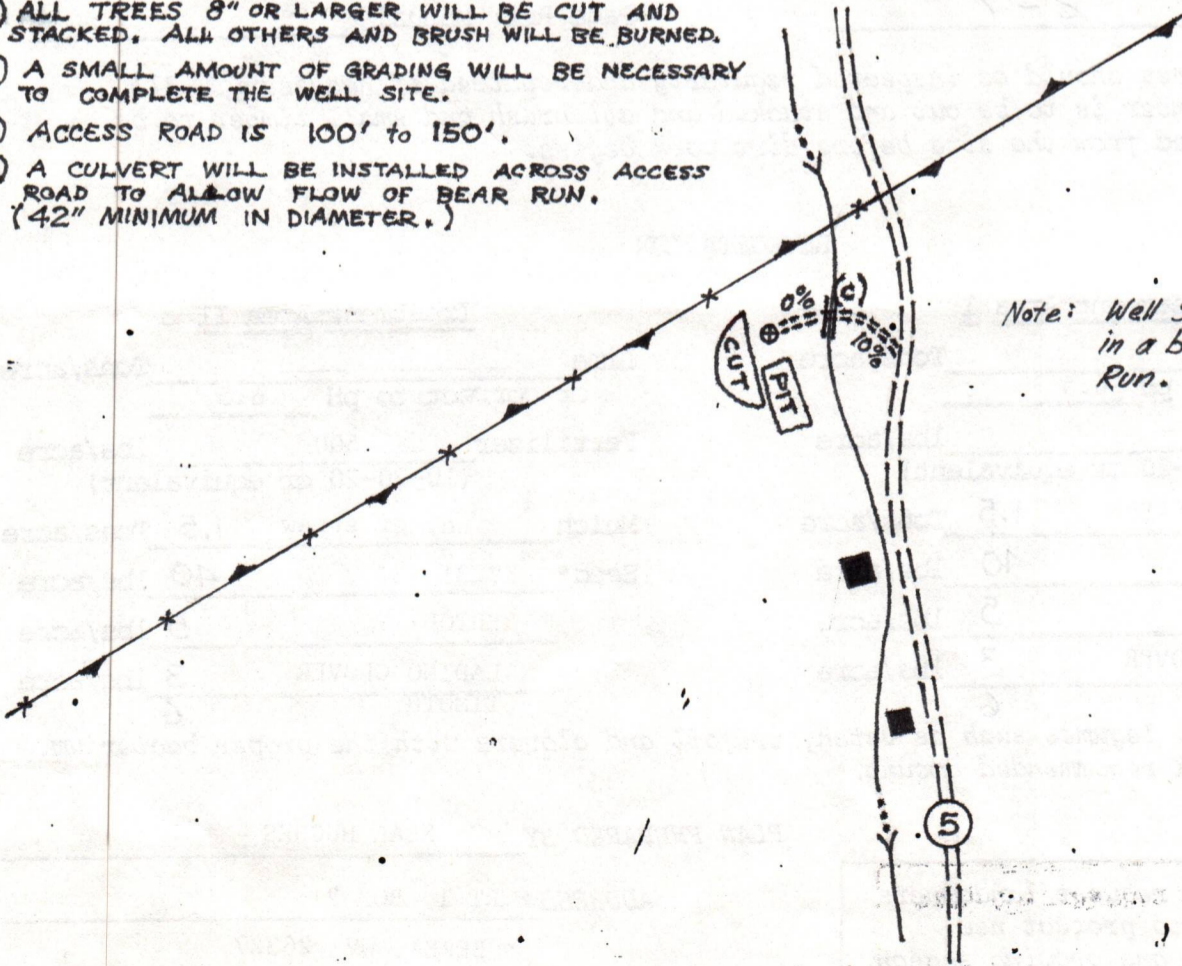
Access Road ———



LEGEND

Property boundary ———▲———	Diversion ———▲▲▲▲▲
Road = = = = =	Spring ⊕→
Existing fence ———x———x———	Wet spot ⊕
Planned fence ———/———/———	Building ■
Stream ———~———~———~———	Drain pipe ———○→○→○→
Open ditch ———>———>———>———>———	Waterway ———≡≡≡≡———

- 1) ALL TREES 8" OR LARGER WILL BE CUT AND STACKED. ALL OTHERS AND BRUSH WILL BE BURNED.
- 2) A SMALL AMOUNT OF GRADING WILL BE NECESSARY TO COMPLETE THE WELL SITE.
- 3) ACCESS ROAD IS 100' TO 150'.
- 4) A CULVERT WILL BE INSTALLED ACROSS ACCESS ROAD TO ALLOW FLOW OF BEAR RUN. (42" MINIMUM IN DIAMETER.)



Note: Well Site is located in a bottom land by Run.

04/12/2024



IV-9
(Rev 8-81)

DATE August 25, 1982

WELL NO. Moss # 1

State of West Virginia

API NO. 47 - 085 - 5860

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

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

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

LANDOWNER Darrell Moss
Revegetation to be carried out by C. JO MCCRADY

SOIL CONS. DISTRICT Little Kanawha
(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 8-26-82
(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure NONE NEEDED (A)

Structure None needed (1)

Spacing _____

Material Location nearly level

Page Ref. Manual _____

Page Ref. Manual _____

Structure NONE NEEDED (B)

Structure _____ (2)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

Structure Culvert (C)

Structure SEP-1 1982 (3)

Spacing 42" C.M.P. or larger

Material OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Page Ref. Manual 2-7

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

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

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

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

Mulch hay or straw 1.5 Tons/acre

Mulch hay or straw 1.5 Tons/acre

Seed* KY 31 40 lbs/acre

Seed* KY 31 40 lbs/acre

REDTOP 5 lbs/acre

REDTOP 5 lbs/acre

LADINO CLOVER 3 lbs/acre

LADINO CLOVER 3 lbs/acre

TIMOTHY 6

TIMOTHY 6

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

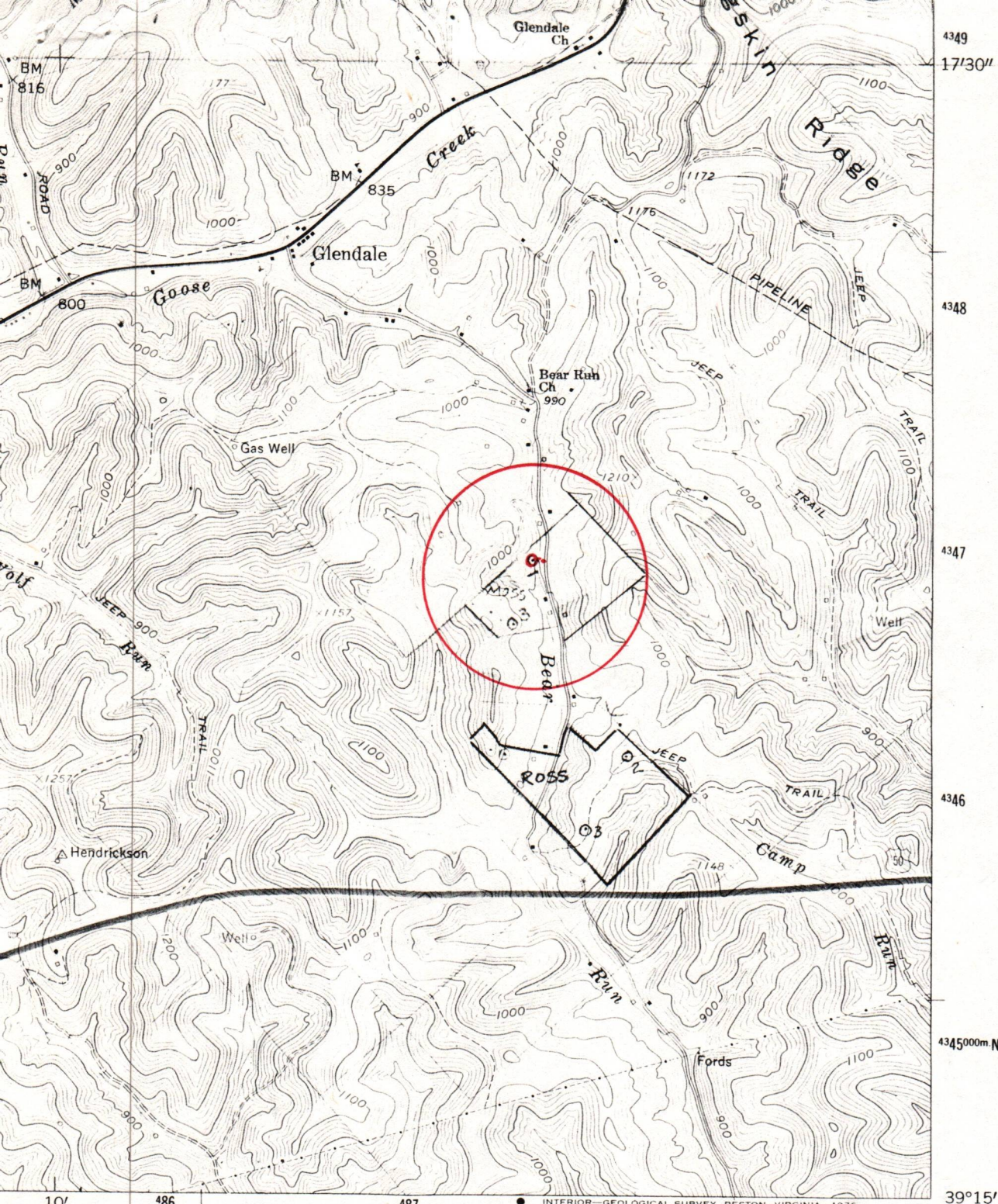
PLAN PREPARED BY NEAL HUGHES

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.

04/12/2024

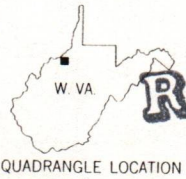


4349
17'30"
4348
4347
4346
4345000m N.
39°15'
81°07'30"

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976
488000m E. CORNWALLIS 2 MI.

ROAD CLASSIFICATION

- Heavy-duty —————
- Light-duty - - - - -
- Unimproved dirt
- U. S. Route ○
- State Route ○



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SFD 1 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

SCHULTZ, W. VA.
SW/4 ST. MARYS 15' QUADRANGLE
N 3915 — W 8107.5/7.5

1961
PHOTOREVISED 1975
AMS 4762 I SW — SERIES V854

(HARRISVILLE)
4762 II NE

04/12/2024

B & L OIL COMPANY

a-7



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

ROYALTY PROVISIONS

DARRELL MOSS receives 1/8 R.I.
RT 1
CAIRO. WV 26337

TOWER DRILLING CORP. receives 1/32 overriding interest

B & L OIL CO. receives 7/8 minus the 1/32 W.I.
1420 7th st
PARKERSBURG, WV 26101

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CFD 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

04/12/2024

a-8

AFFIDAVIT OF ROYALTY PAYMENT

LEASE NAME: DARRELL MOSS
MINERAL OWNER: DARRELL MOSS
WELL NAME: MOSS #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. Jo McCrady
(Owner, Operator, or Authorized Representative)

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

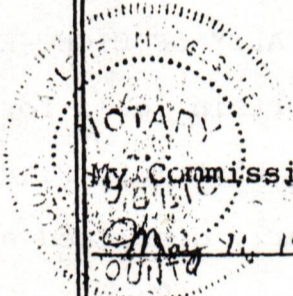
852

A-101

STATE OF WEST VIRGINIA,
COUNTY OF WOOD, TO WIT:

I, Caroline M. Johnson, a Notary Public, in
and for the County and State aforesaid, do hereby certify that
Darrell P. Moss, whose name is signed to
the foregoing writing, bearing date the 12th day of
May, 1982, has this day acknowledged the same be-
fore me in my said County.

Given under my hand and seal this 12th day of
May, 1982.



Caroline M. Johnson
Notary Public

This instrument prepared by: M. A. Rector

Page Two Assignment from Tower Drilling Corporation to
Oil Development Company on Darrell G. Moss sixty (60)
acre lease located in Grant District, Ritchie County,
West Virginia

04/12/2024

RECEIVED

MAY 11 1989
NOTARY PUBLIC
WEST VIRGINIA

A S S I G N M E N T

THIS ASSIGNMENT, Made this 12th day of May, 1982, by and between TOWER DRILLING CORPORATION, Party of the First Part, Assignor, and OIL DEVELOPMENT COMPANY, Party of the Second Part, Assignee.

WITNESSETH: That for and in consideration of the sum of TEN (\$10.00) DOLLARS, cash in hand paid, and other good and valuable consideration, this day paid, to the Party of the First Part, by the Party of the Second Part, the receipt of which is hereby acknowledged, the said Party of the First Part does hereby sell, assign, transfer, set over, and convey unto the said Party of the Second Part all their right, title, and interest, SAVE AND EXCEPT A ONE-THIRTY-SECOND (1/32) OVERRIDING ROYALTY OF EIGHT-EIGHTHS (8/8) WORKING INTEREST, in and to that certain lease for oil and gas purposes, said lease situate in Grant District, Ritchie County, West Virginia, and more particularly described as follows:

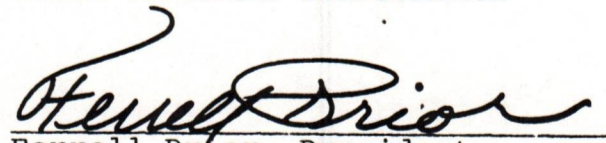
That certain lease for oil and gas purposes, dated June 7, 1979, executed by Darrell G. and Sarah M. Moss, as Lessors, to Tower Drilling Corporation, as Lessee, said lease being of record in the Office of the Clerk of the County Court of Ritchie County, West Virginia, in Book 127, at Page 335, said original lease containing sixty (60) acres, more or less, and more particularly bounded as follows:

On the North by lands of C. W. Johnson, Baronet Beall;
On the East by lands of Marian A. Cowell;
On the South by lands of T. M. Cowell;
On the West by lands of Baronet Beall;

Assignor covenants with the Assignee that he has clear and marketable Title to the above described leasehold.

WITNESS the following signature and seal.

TOWER DRILLING CORPORATION


Ferrell Prior, President

04/12/2024

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CCD 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS LEASE

1500K 127
pg 231

a-11
J-17 335
601 #117

AGREEMENT, made and entered into this 7th day of June A. D. 1979
by and between Darrell G. & Sarah M. Moss (husband & wife)
Rt. 1
Cairo, W.V. 26337

of Cairo, W. Va. party of the first part, hereinafter called Lessor (whether one or more),
and Tower Drilling Corporation party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Grant Township, County of Ritchie, State of West Virginia, and described as follows, to-wit: Bounded on the NORTH by lands of C.W. Johnson, Baronet Beall Three tracts: Tax map# EAST by lands of Marian A. Cowell 12-29, 29.1, 29 SOUTH by lands of T.M. Cowell D.B. ref. 6/6/64 149/224, WEST by lands of Baronet Beall 2/4/53 W6/390
Containing 60 acres acres, more or less and being the same land conveyed to lessor by by deed dated 5/10/72 and recorded in said county records in Ritchie Book No. 169 Page 774

2. It is agreed that this lease shall remain in force for a primary term of five years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor 1/8 Proceeds of any production

for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before 7th August, 1979, unless Lessee pays thereafter a rental of \$200.00 in advance for each year months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to above listed direct, or by check payable to his (or her) order mailed to and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

Prepared by Ray Edmonds

RECORDED

641272024

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

_____	✓ <u>James H. Moss</u> (SEAL)
_____	✓ <u>Theresa M. Moss</u> (SEAL)
_____	_____ (SEAL)
_____	_____ (SEAL)
_____	_____ (SEAL)
_____	_____ (SEAL)
_____	_____ (SEAL)
_____	_____ (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Wood

To-wit:

I, Ray Edwards, a Notary Public of said County, do hereby certify that

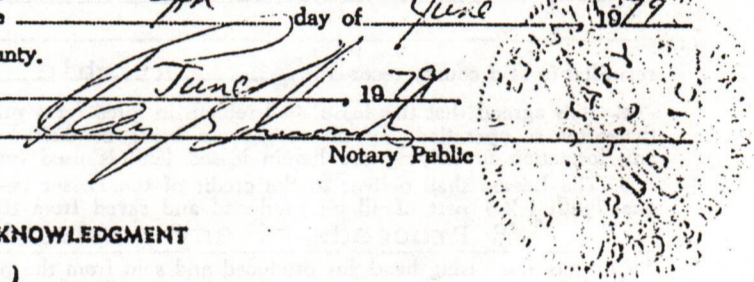
Dorrell G. and Sarah M. Moss, husband and wife

whose name S signed to the within writing bearing date the 7th day of June, 1979

on this day acknowledged the same before me in my said County.

Given under my hand this 7th day of June, 1979

My Commission expires 3/21/89



WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF _____

To-wit:

I, _____, a Notary Public of said County, do hereby certify that

whose name _____ signed to the within writing bearing date the _____ day of _____, 19____

on _____ this day acknowledged the same before me in my said County.

Given under my hand this _____ day of _____, 19____

My Commission expires _____

Notary Public

OHIO ACKNOWLEDGMENT

STATE OF OHIO,

COUNTY OF _____

SS.

Before me, a Notary Public in and for said county, personally appeared the above named _____

_____ who acknowledged

that he did sign the foregoing instrument, and that the same is _____ free act and deed. In testimony

hereof I have hereunto subscribed my name at _____, this _____

day of _____, 19____

My Commission expires _____

Notary Public

04/12/2024

(Form CC No. 1)

STATE OF WEST VIRGINIA,

Ritchie County Commission Clerk's Office, _____ June 19th, 1979 at 12:04 o'clock P. M.

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

Teste: Linda B. Mays, Clerk

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

4816-26 11 holes
 4806-08 3 holes
 4800-02 3 holes
 4614-17 4 holes
 4575-81 7 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
		NO SAMPELS FROM 0 to	1629		
Big Lime			1629	1695	
Keener			1698	1762	
Big Injun			1770	1877	
Squaw			1883	1896	
Weir			2031	2116	
Berea			2262	2265	
Gantz,			2370	2386	
Gordon			2672	2386	
Upper Speechley			3397	3493	
Lower Speechley			3602	3670	
Balltown			3870	3931	
Riley			4278	4340	
Benson			4340	4350	
Alexander			4554	4619	
Rhinestreet			5016	TD (5298)	

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

By: Jubal S. Terry

04/12/2024

Date: March 21, 1983

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 all, encountered in the drilling of a well."

RECEIVED

APR 25 1983



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date March 21, 1983 Operator's Well No. # 1 Farm DARRELL MOSS API No. 47 - 085 - 5860

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

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

LOCATION: Elevation: 905' Watershed BEAR RUN District: GRANT County RITCHIE Quadrangle SCHULTZ 7.5'

COMPANY Alan Gable Oil Development Co. ADDRESS P O Box 166 DAVISVILLE, WV DESIGNATED AGENT Ron Kudella ADDRESS P O BOX 166, DAVISVILLE, WV SURFACE OWNER DARRELL MOSS ADDRESS RT 1, CAIRO, WV MINERAL RIGHTS OWNER DARRELL MOSS ADDRESS RT 1, CAIRO, WV OIL AND GAS INSPECTOR FOR THIS WORK SAM HERSMAN ADDRESS SMITH VILLE, WV PERMIT ISSUED #5860 DRILLING COMMENCED 10/4/82 DRILLING COMPLETED 10/14/82

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.

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

GEOLOGICAL TARGET FORMATION MARCELLUS SHALE Depth 5800 feet Depth of completed well 5298' feet Rotary xx / Cable Tools Water strata depth: Fresh 745 feet; Salt 545 feet Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA Producing formation Alexander, Benson Pay zone depth 4575-81 feet Gas: Initial open flow 220 Mcf/d Oil: Initial open flow 50 Bbl/d Final open flow 190 Mcf/d Oil: Final open flow 10 Bbl/d Time of open flow between initial and final tests 72 hours Static rock pressure 270 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

(Continue on reverse side)

17. - 5860

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

INSPECTOR'S WELL REPORT

Permit No. 85-5860

Oil or Gas Well _____
(KIND)

Company B+L Oil Co
 Address _____
 Farm Darrell Moss
 Well No. Moss
 District Grant County Petchie
 Drilling commenced 10-4-82
 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			Kind of Packer
16			
13			
10			
8 1/4			
6 5/8			
5 3/16			
3			
2			
Liners Used			

RECEIVED

OCT 8 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Denny Black - Terry Fury / Richard Simmons / Steve Sams
Empire Drilling Rig 18 Tool Pusher Jerry Cotton

Remarks: check out depth of water wells next to location at request of B+L Oil Co. = Housi app 250 foot below location "water depth app 10' "
Drilled to 40' water well above location "app 350' away" 120' foot to water zone 140 foot total Depth

10-4-82
DATE

Samuel H. Hersman 04/12/2024
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

04/12/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

OCT 13 1982

INSPECTOR'S WELL REPORT

Permit No. 85-5860

OIL or Gas Well
(KIND)
DIVISION
DEPT. OF MINES

Company B+S Oil Co

Address _____

Farm Darrell Moss

Well No. Moss

District Grant County Pitkin

Drilling commenced 10-4-82

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 _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Denny Black / Kerry Fury / Richard Simmons / Steve Sams

Remarks: Empire Drilling Rig #18 top Packer
Jerry Cotton

Ran 1003 foot of 8 5/8 casing
B.J. Hughes ran 250 sacks cement
Plug down at 11:30 PM

10-7-82
DATE

Samuel W. Korman 04/12/2024
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

04/12/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 85-5860

RECEIVED
SEP 6 - 1983
OIL & GAS DIVISION
DEPT. OF MINES

Oil or Gas Well
(KIND)

Company ALAN GARIE OIL DEV.

Address _____

Farm MOSS

Well No. No 1#

District Grant County Ritchie

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbla., 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 3/8			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Dat _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:

Final inspection
O.K. to Release's

8-29-83

DATE

Mike Anderson
04/12/2024
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

04/12/2024

DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

September 9, 1983

B & L Oil Company
P. O. Box 165
Davisville, W. Va. 26142

In Re: PERMIT NO: 47-085-5860

FARM: Darrell Moss

WELL NO: 1

DISTRICT: Grant

COUNTY Ritchie

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

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

04/12/2024

2-1



IV-27
11/23/81

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 25-83
Well No: Moss #1
API NO: 47-085-5860
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

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

LOCATION: Elevation: 905 Watershed: Bear Run
District: Grant County: Ritchie Quadrangle: Schultz

WELL OPERATOR Alan Halls Oil Dev. Co. DESIGNATED AGENT Ron Hudella
Address P.O. Box 166 Address P.O. Box 166
Davisville WV 26142 Davisville WV 26142

The above well is being posted this 25 day of May, 1983, for a violation of Code 22-4-12-B and/or Regulation 23.03, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

The operator of a well shall reclaim the land surface within the disturbed area in siting, drilling, completing, or producing the well within six months

RECEIVED
MAY 31 1983

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

You are hereby granted until June 1, 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.

*P. Hudell
5/25/83*

Samuel N. Hersman
Oil and Gas Inspector
Address P.O. B. 66
Smithville W.V
26178

Telephone: 477-3588 04/12/2024

RECEIVED

SEP 6 - 1983

Date: 8-29-83, 19

Operator's Well No. MOSS No 1#

API Well No. 47-085-5860
State County Permit

Q-3

office

STATE OF WEST VIRGINIA
OIL & GAS DIVISION
DEPT. OF MINES
NOTICE OF ABATEMENT

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

LOCATION: Elevation: 905' Watershed: BEAR RUN
District: GRANT County: Ritchie Quadrangle: Schultz

WELL OPERATOR ALAN GABIE OIL & DEV. DESIGNATED AGENT RON KUDILLA
Address _____ Address P.O. Box 166 DAVISVILLE
W.VA. 26142

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Aug 29, 1983,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code 22-4-12-B heretofore found to exist on July 21, 1983, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" ___ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS Violation of 22-4-12B HAS BEEN ABATED!

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.

Mike Underwood 04/12/2024
Oil and Gas Inspector
Address: R.D. 2, Box 135
Salem W.VA 26426
Telephone: 782-1043

Mailed: Darrell G. Moss, R#1, Doris Avenue, Williamstown, W. Va. 5/12/1972.

Book 169
pg 774
774

E. 4

THIS DEED, made this 10th day of May, 1972, by and between ORVAL L. SATTERFIELD and BEULAH M. SATTERFIELD, husband and wife, parties of the first part, and DARRELL G. MOSS and SARAH M. MOSS, husband and wife, parties of the second part.

WITNESSETH: That for and in consideration of the sum of Eight Thousand Dollars (\$8,000.00), cash in hand paid by the parties of the second part to the parties of the first part, the receipt whereof is hereby acknowledged, the said parties of the first part do hereby grant and convey, with Covenants of GENERAL WARRANTY, unto the said Darrell G. Moss and Sarah M. Moss, husband and wife, as joint tenants with the right of survivorship, and not as tenants in common, all those certain lots, tracts or parcels of land situate on the waters of Bear Run, Grant District, Ritchie County, West Virginia, bounded and described as follows:

FIRST TRACT: BEGINNING at a stone, thence S. 41° 20' E. 16 poles to pointers; thence S. 47 W. 127 poles to pointers; thence N. 44 W. 16 poles; thence N. 47 E. 127 poles to the beginning, containing twelve (12) acres, more or less, being Lot No. 2 as laid down on the plat of the Commissioners of Partition in the Chancery matter of A. M. Cross vs. J. E. Cross, et al, lately pending in the Circuit Court of Ritchie County, West Virginia, by a decree entered therein on the 31st day of October, 1902.

SECOND TRACT: BEGINNING at a stone in the road N. 47 E. 98 poles to pointers, thence N. 41° 20' W. 51 poles to pointers; thence S. 47 E. 127 poles to pointers; thence S. 44 E. 20 poles to a large W. O.; thence S. 77 E. (correct call: N. 77 E.) 45 poles; thence S. 5 W. 10 poles and 10 links to the beginning, containing thirty-five (35) acres and ninety-six (96) poles, more or less, being Lot No. 1 as laid down on

04/12/2024

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SEP 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

the aforesaid plat of partition.

THIRD TRACT: BEGINNING at a stone, thence N. 41° 20' W. 16 poles to a stone; thence S. 47 W. 127 poles; thence S. 44 E. 16 poles; thence N. 47 E. 127 poles to the beginning, containing twelve (12) acres and one hundred twelve (112) poles, being Lot No. 3 as laid down on the aforesaid plat of partition.

The last above described tract of land is conveyed subject to the reservation contained in that certain deed from A. M. Cross, et ux, to Ellsworth Ross and Laura Ross, husband and wife, dated June 8, 1926, and of record in the office of the Clerk of the County Court of Ritchie County, West Virginia, in Deed Book No. 92, at page 50, in words following: "The said parties of the first part do expressly reserve and retain forever fifty (50) feet square in the center of which shall be the grave of Nathan Cross, deceased, the father of the said A. M. Cross, one of the parties of the first part herein as well as all right of ingress and regress thereto and therefrom over the premises herein conveyed."

Being the same real estate which was conveyed unto the said Orval L. Satterfield and Beulah M. Satterfield, husband and wife, by Jesse Gnegy, et al, by Icy N. Barnard, their attorney in fact, by deed dated June 6, 1964, and of record in said County Clerk's office in Deed Book No. 149, at page 224.

TO HAVE AND TO HOLD unto the said Darrell G. Moss and Sarah M. Moss, husband and wife, as joint tenants with the right of survivorship, and not as tenants in common, the heirs and assigns of such survivor, the real estate hereby conveyed, together with all and singular the appurtenances thereto belonging.

04/12/2024

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SEP 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Σ-6

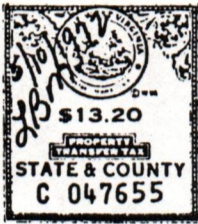
7763 -

DECLARATION OF CONSIDERATION

We hereby declare:

The total consideration paid for the property transferred by the document to which this declaration is appended is \$8,000.00.

WITNESS the following signatures as of the day and year first above written.



Orval L. Satterfield
Orval L. Satterfield

Beulah M. Satterfield
Beulah M. Satterfield

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

I, Thomas J. Davis, Jr., a Notary Public in and for said County and State, do certify that Orval L. Satterfield and Beulah M. Satterfield, husband and wife, whose names are signed to the writing above bearing date the 10th day of May, 1972, have each this day acknowledged the same before me in my said County.

Given under my hand this 10th day of May, 1972.

Thomas J. Davis Jr.
Notary Public

My commission expires:
August 14, 1973

THIS INSTRUMENT WAS PREPARED BY
THOMAS J. DAVIS, JR.

RECEIVED

MAY 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

STATE OF WEST VIRGINIA,

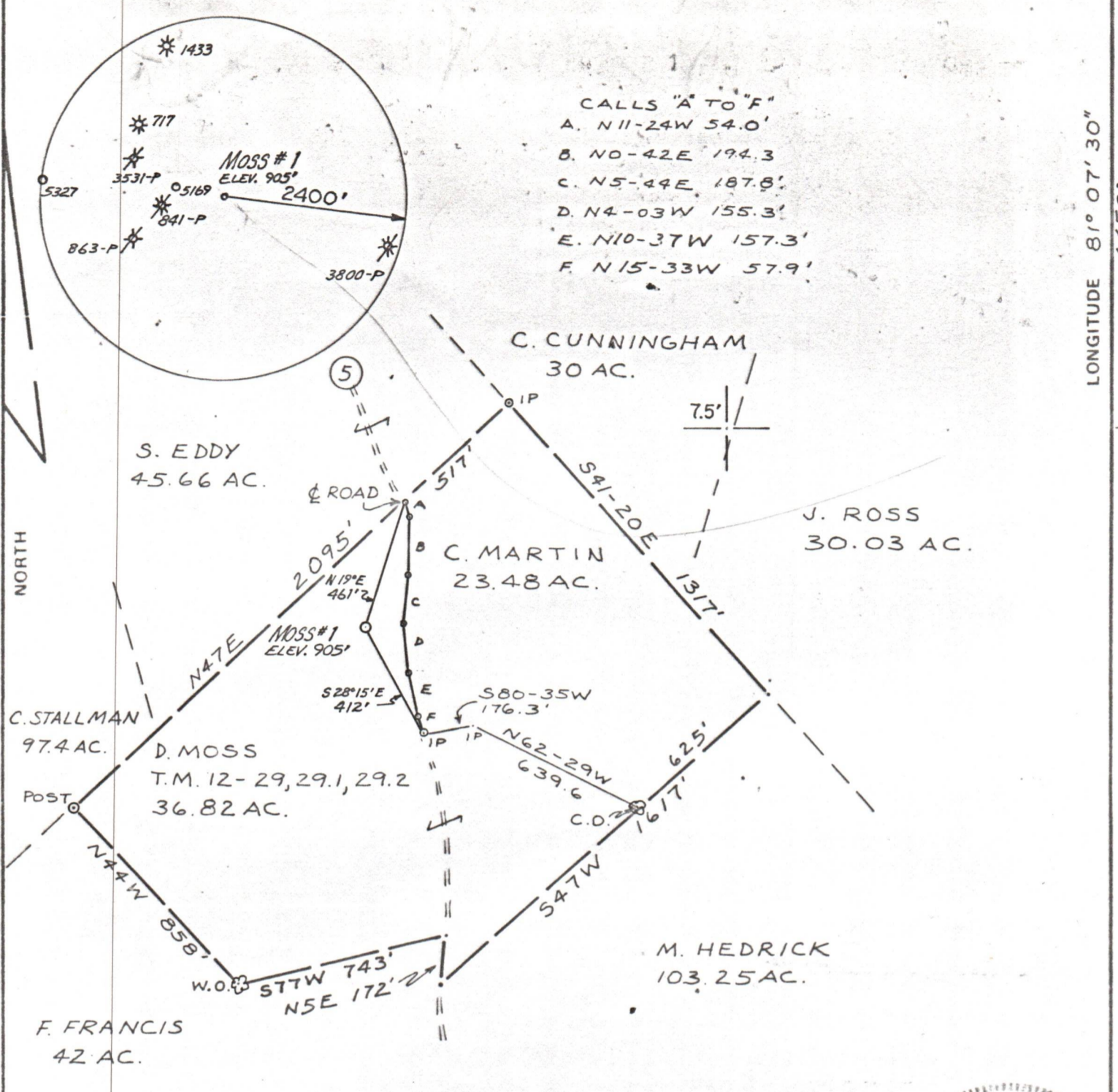
(Form CC No. 9)
04/12/2024

Ritchie County Court Clerk's Office, _____ May 10th, 1972 _____

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

I certify that said writing had on it when recorded Twenty-six Dollars and Forty Cents' worth of West Virginia Property Transfer Stamps, cancelled May 10th, 1972

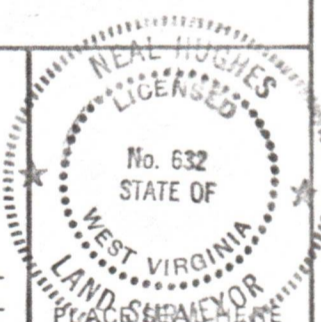
Teste: Linda B. May, Clerk.



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION ROAD INTER. 990'

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
 NEAL HUGHES
 R.P.E. _____ L.L.S. 632



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUGUST 25, 19 82
 OPERATOR'S WELL NO. MOSS #1
 API WELL NO. 47 - 085 - 5860
 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 905' WATER SHED BEAR RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE SCHULTZ 7.5'
 SURFACE OWNER DARRELL MOSS ACREAGE 36.82
 OIL & GAS ROYALTY OWNER DARRELL MOSS LEASE ACREAGE 60. 04/12/2024
 LEASE NO. _____
 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 SHALE ESTIMATED DEPTH 5800'
 WELL OPERATOR BEL OIL COMPANY DESIGNATED AGENT C. JO McCRADY
 ADDRESS 1420 7TH STREET ADDRESS 1420 7TH STREET
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

P.T. - 5860