



1) Date: February 7, 19 84
 2) Operator's Well No. Bucklew #1
 3) API Well No. 47 - 083 - 0881
 State County Permit

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

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX /)
- 5) LOCATION: Elevation: 2221' Watershed: Roaring Creek
 District: Roaring Creek County: Randolph Quadrangle: Junior 7.5
- 6) WELL OPERATOR FMF Oil and Gas Properties 7) DESIGNATED AGENT Paul Bowles
 Address P.O. Box 458 Address P.O. Box 1386
Belington, WV 26250 Charleston, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracy 9) DRILLING CONTRACTOR: Name Fox Drilling Co., Inc.
 Address Forrest Festival Terrace Apt. 24 Address P.O. Box 129
Elkins, WV 26241 636-8798 Glennville, WV 26351
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper XX / Redrill XX / Stimulate XX
 Plug off old formation XX / Perforate new formation XX
 Other physical change in well (specify) Fox Sand
- 11) GEOLOGICAL TARGET FORMATION, 5500 feet
 12) Estimated depth of completed well, 5500 feet
 13) Approximate trata depths: Fresh, 80-200 feet; salt, XX feet.
 14) Approximate coal seam depths: 150 Is coal being mined in the area? Yes XX No XX

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 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11.75			x		30'	30'	to surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J55	23	x		1000'	1000'	to surface	(Slurry 61)
Production	4 1/2	J55	10.5	x			5500	600 sks	Depths set
Tubing									or as req. by rule 15.0.
Liners									Perforations:
									Top Bottom
<u>SEE CONDITIONING ON REVERSE SIDE FOR USE OF SLURRY 61.</u>									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0881 Date February 14, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires February 14, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>✓</u> <u>so</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>8827</u>
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T. H. ...
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

FMF Oil & Gas Properties may use a 15.3 lb./gal. mixture of 77% Class A Cement, 20% Flyash, and 3% Calcium Chloride called Newsco Slurry 61, as noted, on its surface casing for this well ~~XXXXXX~~ Bucklew #1. The waiting time will be eight hours. Also, a weight measurement will be made on site to assure that the cement slurry meets the minimum weight specifications of 15.3 lb./gal. A sample will be collected and after eight hours if the cement is not set up, additional time will be required.

OFFICE USE ONLY

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

	Date	Date(s)
Application received		Follow-up inspection(s)
Well work started		"
Completion of the drilling process		"
Well Record received		"
Reclamation completed		"

OTHER INSPECTIONS

Reason: _____

Reason: _____

Agent: _____	Agent: _____	Agent: _____	Agent: _____	Agent: _____
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IV-9
(Rev 8-81)

DATE FEBRUARY 5, 1984

WELL NO. BUCKLEW #1

State of West Virginia

API NO. 47 -083 -0881

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME FMF OIL & GAS PROPERTIES

DESIGNATED AGENT PAUL BOWLES

Address 537 SPRINGVALE RD, GREAT FALLS VA 22066

Address PO Box 1386 CHARLESTON, WV 25325

Telephone (703) 759-4545

Telephone 846-1775

LANDOWNER LESLIE C. BUCKLEW

SOIL CONS. DISTRICT TYGARTS VALLEY

Revegetation to be carried out by FMF OIL & GAS PROPERTIES (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 2-6-84 (Date)

Juanita Hefner
(SCD Agent)

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OIL & GAS DIVISION
DEPT. OF MINES

ACCESS ROAD

LOCATION

Structure CROSS DRAIN

(A)

Structure DIVERSION DITCH (1)

Spacing 135' (AS REQ'D. PER GRADE)

Material EARTH

Page Ref. Manual 2-1

Page Ref. Manual 2-12

Structure ROAD DITCH

(B)

Structure DRILL PIT (TEMPORARY) (2)

Spacing N/A

Material EARTH

Page Ref. Manual 2-12

Page Ref. Manual N/A

Structure _____

(C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

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 GROUND AGRICULTURAL 2 Tons/acre
or correct to pH 6.5

Lime GROUND AGRICULTURAL 2 Tons/acre
or correct to pH 6.5

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

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

Mulch HAY 2 Tons/acre

Mulch HAY 2 Tons/acre

Seed* Timothy 15 lbs/acre

Seed* Timothy 15 lbs/acre

Orchard Grass 10 lbs/acre

Orchard Grass 10 lbs/acre

Clover 8 lbs/acre

Clover 8 lbs/acre

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

PLAN PREPARED BY DENNIS L. FISHER 12/01/2023

ADDRESS PO Box 386

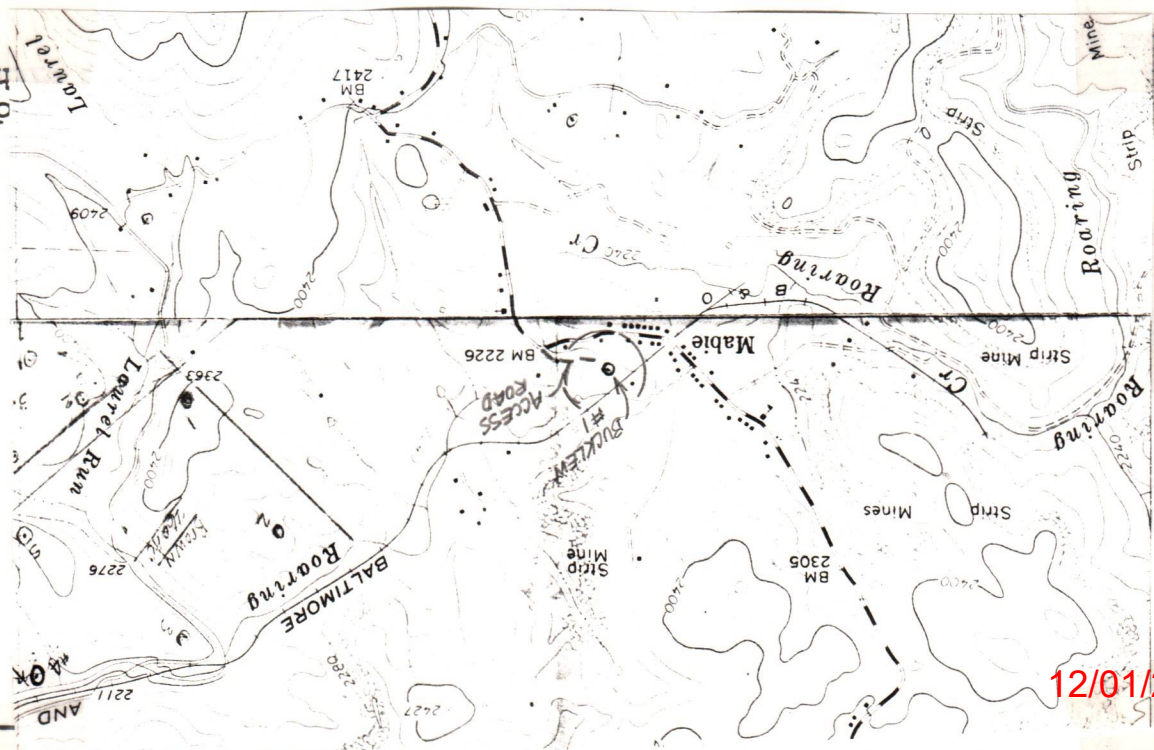
PHILIPPI, WV 26416

PHONE NO. 457-5417

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

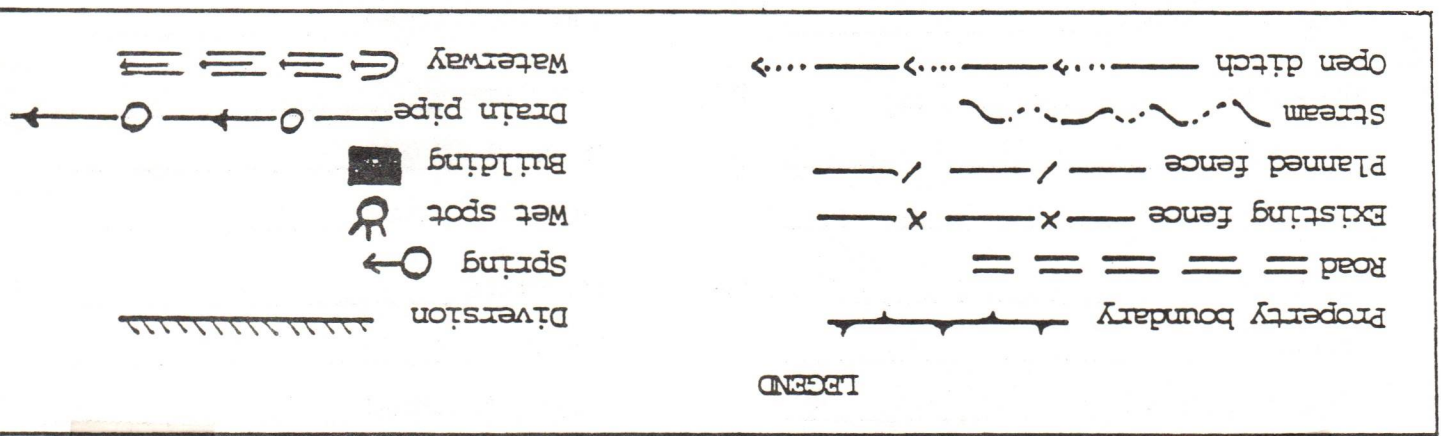
ATTACH OR PHOTOGRAPHY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE JUNIOR / BEVERLY WEST

12/01/2023

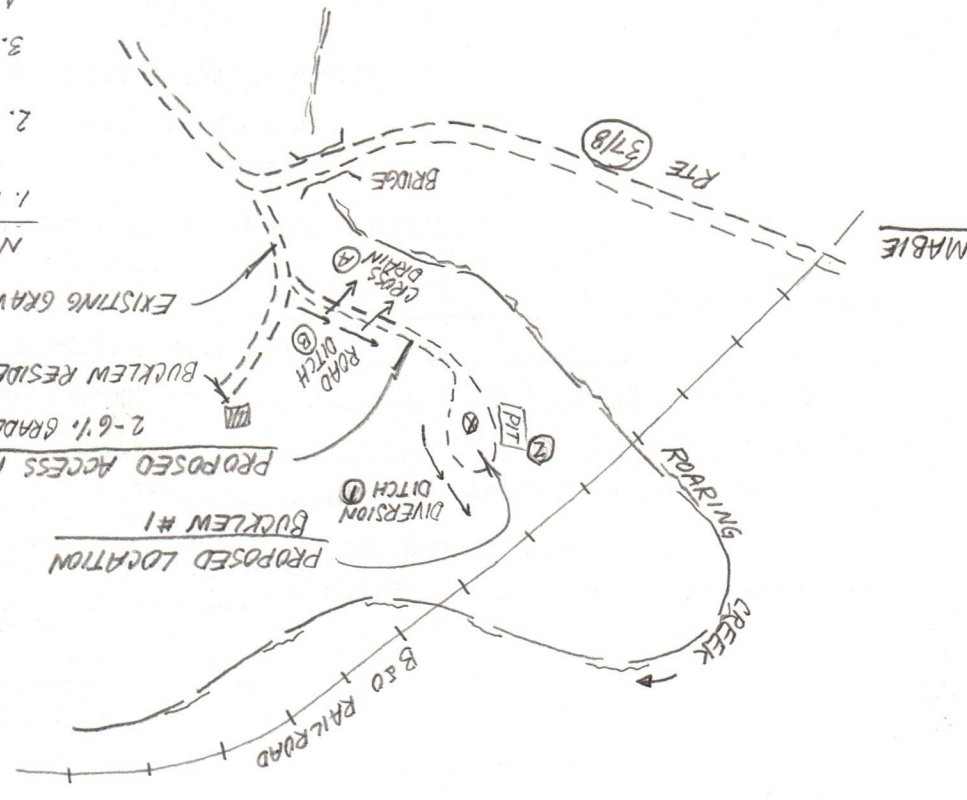


LEGEND
Well site

Sketch to
drilling p
part of th



- NOTES:**
1. PROPOSED LOCATION IS IN MEADOW - NO BRUSH OR TIMBER
 2. ACCESS FROM RTE (378) IS VIA EXISTING GRAVEL DRIVE
 3. STOCKPILE TOPSOIL FOR RECLAMATION
 4. RECLAIM DISTURBED AREAS WITHIN 6 MDS. OF COMPLETION



NOT TO SCALE

1) Date: February 7, 1984
2) Operator's Well No. Bucklew #1
3) API Well No. 47-083-0881
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Leslie C. Bucklew
Address Box 164
Mabie, WV 26278
(ii) Name
Address
(iii) Name
Address

5(i) COAL OPERATOR
Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None of Record
Address

Name
Address

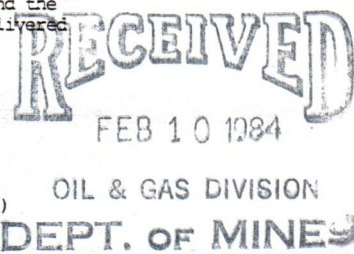
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.



6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

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

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Mark P. Smythe
this 7 day of Feb, 1984.
My commission expires 10 APR, 1990.

Paul Dild
Notary Public West Virginia County,
State of West Virginia

WELL OPERATOR FMF Oil and Gas Properties Inc.

By Mark P. Smythe
Its Land Manager
Address P.O. Box 458
Belington, WV 26250
Telephone 823-3242

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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

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

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

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

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty

Book Page



1) Date: February 7, 19 84
 2) Operator's Well No. Bucklew #1
 3) API Well No. 47 083
 State _____ County _____ Permit _____

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil _____ / Gas xx /
 B (If "Gas", Production xx / Underground storage _____ / Deep _____ / Shallow xx /)
- 5) LOCATION: Elevation: 2221' Watershed: Roaring Creek
 District: Roaring Creek County: Randolph Quadrangle: Junior 7.5
- 6) WELL OPERATOR FMV Oil and Gas Properties 7) DESIGNATED AGENT Paul Bowles
 Address P.O. Box 458 Address P.O. Box 1386
Belington, WV 26250 Charleston, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Fox Drilling Co. Inc.
 Address Forrest Festival Terrace Apt. 24 Address P.O. Box 129
Elkins, WV 26241 636-8798 Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill xx / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Fox Sand
 12) Estimated depth of completed well, 5500 feet
 13) Approximate strata depths: Fresh, 80-200 feet; salt, _____ feet.
 14) Approximate coal seam depths: 150 Is coal being mined in the area? Yes _____ No _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 FEB 10 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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	<u>11.75</u>			<u>x</u>		<u>30'</u>	<u>30'</u>	<u>to surface</u>	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	<u>8 5/8</u>	<u>J55</u>	<u>23</u>	<u>x</u>		<u>1000'</u>	<u>1000'</u>	<u>to surface</u>	(Slurry 61)	
Production	<u>4 1/2</u>	<u>J55</u>	<u>10.5</u>	<u>x</u>			<u>5500</u>	<u>600 sks</u>	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By MJ MJ
 Its _____ Date _____

x Leshie C. Bucklew Date: 2/8/84
 (Signature)
 x Irene Bucklew Date: 2/8/84
 (Signature)

12/01/2023
 Surface Owner

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

RECEIVED
FEB 10 1984

OIL AND GAS LEASE

OIL & GAS DIVISION

4 DEPT. OF MINES

A. D. 19 82

AGREEMENT, made and entered into this 14th day of April
by and between Leslie Bucklew and Irene Bucklew, husband and wife

The effective date of this lease is 26 June 1982
of Mabie, West Virginia party of the first part, hereinafter called Lessor (whether one or more),
and FMF Oil & Gas Properties, Inc. 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 Roaring Creek District, TOWNSHIP, County of Randolph, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of Roy Boserman
EAST by lands of Roaring Creek
SOUTH by lands of Roaring Creek
WEST by lands of Roaring Creek
Containing 90 acres

H. F. Rowan et ux acres, more or less and being the same land conveyed to lessor by by deed dated February 14, 1956 and recorded in said county records in Deed Book No. 202 Page 490

2. It is agreed that this lease shall remain in force for a primary term of Two 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

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 June 10, 19 82, unless Lessee pays thereafter a rental of \$6.00 per acre per year for each twelve 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 Irene Bucklew & Leslie Bucklew direct, or by check payable to his (or her) order mailed to Box 154, Mabie, WV 26278 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 no 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 Lessor, then 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. Lessee 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.

12/01/2023

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.

16. Items 7 and 8 in this lease agreement are null and void.

17. Lease addendum attached.

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

WITNESS:

Leslie Bucklew (SEAL)
Leslie Bucklew (SEAL)
SS# 236-01-8717 (SEAL)
Irene Bucklew (SEAL)
Irene Bucklew (SEAL)
SS# 233-62-472 (SEAL)
_____ (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Randolph

To-wit:

I, Ernest Jay Anderson, a Notary Public of said County, do hereby certify that Leslie Bucklew and Irene Bucklew

whose names are signed to the within writing bearing date the 14th day of April, 1982

on 5 this day acknowledged the same before me in my said County.

Given under my hand this 26th day of April, 1982
Ernest Jay Anderson
Notary Public

My Commission expires 9th February 1992

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____

Notary Public

My Commission expires _____

STATE (COUNTY)

WEST VIRGINIA; RANDOLPH COUNTY CLERK'S OFFICE

APRIL 27, 1982

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

_____ ve named _____

that _____ Teste: Virgil Hamrick Clerk

_____ who acknowledged _____ free act and deed. In testimony _____ this _____

My Commission expires _____

Notary Public

Oil and Gas Lease
12/01/2025
Boh 458
Belingbn avaso

RECORDING DATA:
Date _____, 19____
Acres _____
Location _____
County _____ State _____
Term _____

STATE OF WEST VIRGINIA
COUNTY OF RANDOLPH
FILED AND ADMITTED TO RECORD

APR 27 1982

IN Book
BOOK NO. 345 PAGE NO. 475
Attest
Virgil Hamrick

API (Permit) Number

Farm Name

Operator's Well Number

47-083-0934 ✓

Boserman # 2

A-1018

47-083-0880 ✓

Pastine #1

A-1595

47-083-0882 ✓

Currence

A-1596

47-083-0881 ✓

Bucklew # 1

A-1597

47-083-0932 ✓

Boserman # 1

A-1621

"

PARTIAL ASSIGNMENT
OF
OIL AND GAS LEASE

STATE OF WEST VIRGINIA

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF BARBOUR

THIS ASSIGNMENT, Made on this 9th day of September, 1984, by and between FMF OIL & GAS PROPERTIES, INC., a West Virginia corporation, hereinafter referred to as "Assignor", and ALAMCO hereinafter referred to as "Assignee".

WITNESSETH: That for and in consideration of the sum of ONE DOLLAR (1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby bargain, sell, assign, transfer, and convey, subject to the provisions hereinafter set out, without warranty of title, either express or implied, unto the Assignee, all of the Assignor's right, title and interest in and to the oil and gas rights in a 750 foot radius around the oil and gas wells drilled upon the oil, gas and mineral leases described in Exhibit A, attached hereto and made a part hereof.

Said assignment is subject to the following terms, conditions, and covenants:

Assignor does hereby except from this partial assignment, and reserve unto the Assignor, its assigns and successors, the following:

- (a) An overriding royalty, free and clear from all costs and expenses of 4.5% of 8/8 of the oil, gas and hydrocarbons produced from the interest in the leases hereby assigned, which is reserved unto Assignor.
- (b) An overriding royalty, free and clear from all costs and expenses of 1% of 8/8 of the oil, gas and hydrocarbons produced from the interest in the leases hereby assigned, which is reserved unto Fox Drilling Company.
- (c) All of Assignor's right, title and interest in and to the leases described in Exhibit A hereto, insofar as the leases cover or concern areas outside of the 750 foot radius around the well drilled thereon, and assigned hereby.

It is understood that this assignment is a conveyance of 100% of the Working Interest which covers and includes an undivided 82% of 8/8ths Net Revenue Interest in production from the oil, gas and mineral interests described herein.

Assignee agrees to indemnify Assignor, its successors, personal representatives, and assigns against any and all damages resulting from any breach of any of the terms, covenants, and conditions of said lease agreements described herein. Assignee further agrees to indemnify Assignor against all liabilities, actions, or claims of any nature, absolute, or contingent, together with the expenses and legal fees resulting from such breach or which may be incurred to compromise or defend such liability, actions, or claims of any nature, absolute or contingent, as they relate to said lease acreage.

BY: *[Signature]*
Director - Division of Oil and Gas

ACCEPTED THIS 9TH DAY OF Dec, 1984

12/01/2023



Date July 18, 1984
 Operator's Bucklew #1
 Well No. (A-1597)
 Farm Bucklew
 API No. 47 - 083 - 0881

RECEIVED

JUL 27 1984

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES

REVISED JULY 25, 1984

OIL and GAS DIVISION

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

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL / GAS X / LIQUID INJECTION / WASTE DISPOSAL /
 (If "Gas", Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 2221' Watershed Roaring Creek
 District: Roaring Creek County: Randolph Quadrangle: Junior 7.5'

COMPANY FMF OIL & GAS
Box 458
 ADDRESS Belington, West Virginia 26250

DESIGNATED AGENT Paul Bowles
P.O. Box 1386
 ADDRESS Charleston, West Virginia 25325

SURFACE OWNER Leslie C. Bucklew
 ADDRESS Box 154, Mabie, WV 26278

MINERAL RIGHTS OWNER Leslie C. Bucklew
 ADDRESS Box 154, Mabie, WV 26278

OIL AND GAS INSPECTOR FOR THIS WORK Philip
Forest Festival Terrace
Tracy ADDRESS Apt. #24, Elkins, WV 26241

PERMIT ISSUED February 14, 1984

DRILLING COMMENCED June 5, 1984

DRILLING COMPLETED June 9, 1984

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

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
11-3/4"	40'	Pulled	
9 5/8"			
8 5/8"	1009'	1009'	to surface
7"			
5 1/2"			
4 1/2"	4959'	4959'	w/485 sks 2000'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Sand DEPTH 5500 FEET

Depth of completed well 5160 feet Rotary x / Cable Tools _____

Water Strata depth: Fresh 22 & 55 feet Salt _____ feet

Coal seam depth: 94-97, 326-328, 425-430 Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation 1st Elk, Benson, Balltown Pay zone depth See Back feet

Gas: Initial open flow 1286 Cf/d Oil: Initial open flow _____ Bbl/d

Final open flow 1400 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 975 psig (surface measurement after 192 hours shut-in
 (If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth 12/01/2023 feet

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

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

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut-in

(continue on reverse side)

RAWD 1881

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

Well was fractured June 21, 1984

Perforations:	2726 - 2728	3642 - 3644
	2732 - 2734	3651 - 3654 Benson
	2741 - 2743	
	2747 - 2747	4863 - 4866
	2749 - 2751	4873 - 4875
	2753 - 2756	4877 - 4879 1st Elk
	2820 - 2822 Balltown	

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
			Including indication of all fresh and salt water, coal, oil and gas
Fill	0	10	Damp @ 22'
Sand & Shale	10	94	3" stream water @ 55'
Coal	94	97	Gas check @ 1425' No show
Sand & Shale	97	326	Gas check @ 1676' No show
Coal	326	328	Gas check @ 1832' No show
Sand & Shale	328	425	Gas check @ 2018' No show
Coal	425	430	Gas check @ 2110' No show
Sand & Shale	430	820	Gas check @ 2298' No show
Red Rock & Shale	820	1142	Gas check @ 2392' No show
Sand & Shale	1142	1243	Gas check @ 2642' No show
Little Lime	1243	1263	Gas check @ 2737' 1680 CF/D
Shale	1263	1309	Gas check @ 3426' 1582 CF/D
Big Lime	1309	1445	Gas check @ 3740' 1286 CF/D
Big Injun	1445	1463	Gas check @ 3928' 1286 CF/D
Sand & Shale	1463	5160 T.D.	
			<u>GAMMA RAY LOG TOPS</u>
			Gordon Stray 1806'
			Gordon 1903'
			4th Sand 1988'
			5th Sand 2116'
			Bayard 2235'
			Speechley 2288'
			Balltown 2691'
			Bradford 3161'
			Riley 3493'
			Benson 3639'
			Alexander 4296'
			1st Elk 4852'
			2nd Elk 4913'

(Attach separate sheets as necessary)

ALAMCO, INC., 220 W. MAIN ST., CLARKSBURG, WV 26301

Well Operator

By: Wayne Stonmerville / ddy

Date: July 18, 1984

12/01/2023

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."

A. 10

ACCIDENT AND/OR FATALITY REPORT

PERMIT NUMBER 83-881

OPERATOR F.M.I. oil & gas

ADDRESS Bolington, W.Va.

CONTRACTOR Jay Drilling

ADDRESS P.O. Box 129

Shinnville, W.Va.

26351

ACCIDENT DATE 6-5-84

TIME 5:45 AM

AGE OF INJURED 25

SPECIFIC JOB INJURED WAS PERFORMING WORKING FLOOR.

PROBABLE LOST TIME DUE TO INJURY _____

NATURE OF INJURY _____

NAME OF INJURED CLEO RANDOLPH

ADDRESS _____

SOCIAL SECURITY NUMBER 236-88-7721

IF FATALITY, PLEASE EXPLAIN _____

EXPLAIN ACCIDENT IN DETAIL WERE PULLING CONDUCTOR PIPE & LAYING IT DOWN THE CHAIN SLIPPED OFF AND LET THE PIPE DROP TO THE FLOOR. MR. RANDOLPH WAS CAUGHT BETWEEN THE PIPE & A TABLE BUSHING.

DATE 6-6-, 1984

SIGNED Phillip Tracy

RECEIVED

JUN 14 1984

OIL & GAS DIVISION
DEPT. OF MINES

1000

1000

1000

1000

1000

1000

1000

1000

RECEIVED

DEPT. OF MINES



RECEIVED

OCT 25 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
July 31, 1984

COMPANY FMF Oil & Gas Properties

PERMIT NO 083-0881

P. O. Box 458

FARM & WELL NO Bucklew #1

Belington, West Virginia 26250

DIST. & COUNTY Roaring Creek/Randolph

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 Strenght		
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 *Philip Tracy*

DATE 10-22-84

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. v. B.
Administrator-Oil & Gas Division

January 11, 1985

DATE

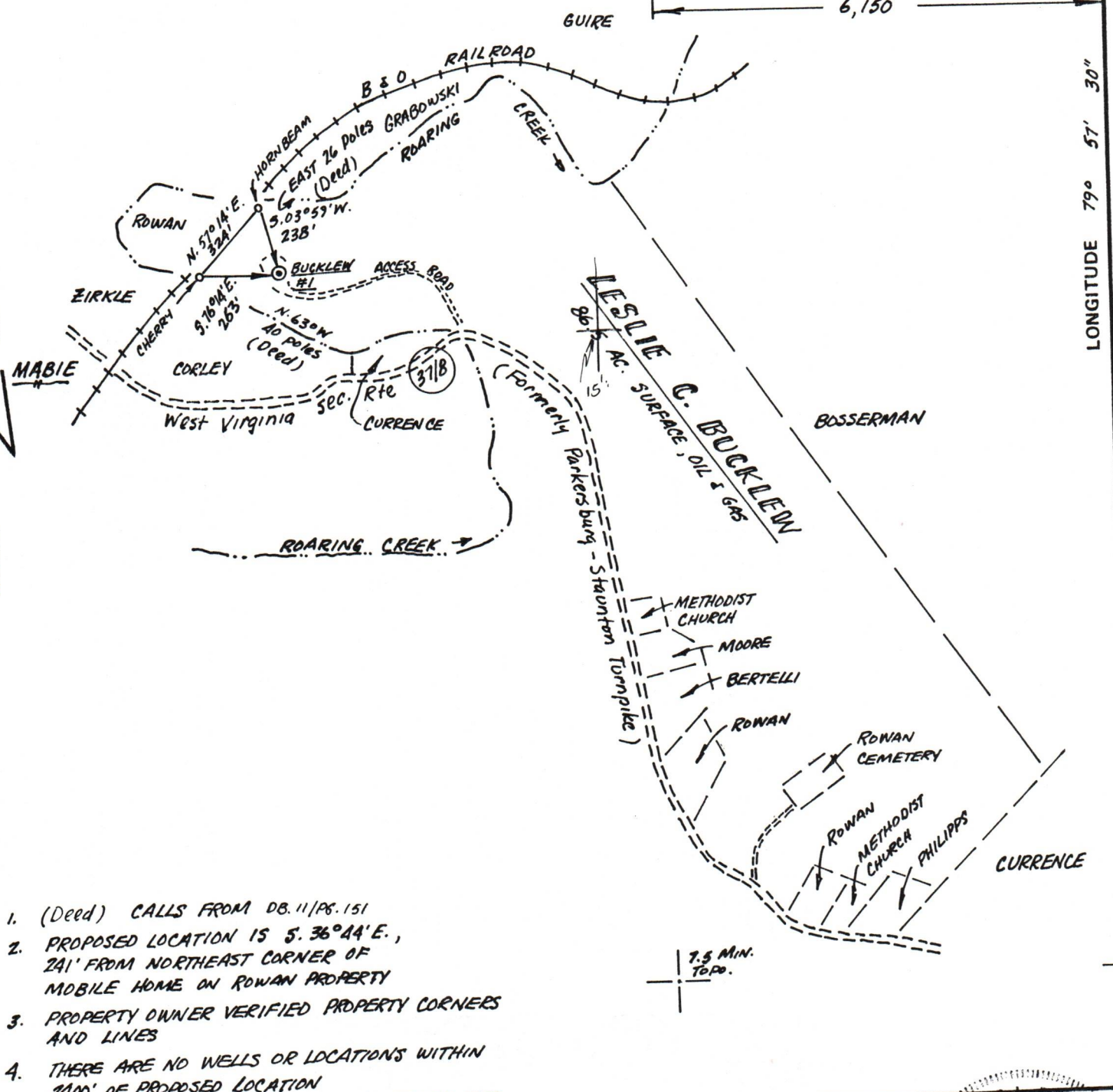
LATITUDE 38° 55' 00"

6,150'

LONGITUDE 79° 57' 30"

14,550'

NORTH



1. (Deed) CALLS FROM DB. 11/18. 151
2. PROPOSED LOCATION IS S. 36° 44' E., 241' FROM NORTHEAST CORNER OF MOBILE HOME ON ROWAN PROPERTY
3. PROPERTY OWNER VERIFIED PROPERTY CORNERS AND LINES
4. THERE ARE NO WELLS OR LOCATIONS WITHIN 2400' OF PROPOSED LOCATION
5. LOCATION REFERENCE IS SAME AS CORNER TIES

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEV. 2226 AT BRIDGE

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) Dennis L. Fisher
 R.P.E. _____ L.L.S. 670



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE FEBRUARY 3, 19 84
 OPERATOR'S WELL NO. BUCKLEW #1
 API WELL NO. _____
47 - 083 - 0881
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2221 WATER SHED ROARING CREEK
 DISTRICT ROARING CREEK COUNTY RANDOLPH
 QUADRANGLE JUNIOR (7.5 MIN)
 SURFACE OWNER LESLIE C. BUCKLEW ACREAGE 86.5 AC.
 OIL & GAS ROYALTY OWNER LESLIE C. BUCKLEW LEASE ACREAGE 86.5 AC.
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION FOX ESTIMATED DEPTH 5000'
 WELL OPERATOR FMF OIL & GAS PROPERTIES DESIGNATED AGENT PAUL BOWLES
 ADDRESS 537 SPRINGVALE ROAD ADDRESS PO BOX 1386
GREAT FALLS, VA. 22066 CHARLESTON, WV 25325

12/01/2023