



1) Date: February 7, 1984  
 2) Operator's Well No. Pastine #1  
 3) API Well No. 47 - 083 - 0880  
 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)  
 Elevation: 2352' Watershed: Roaring Creek  
 5) LOCATION: District: Roaring Creek County: Randolph Quadrangle: Beverly West 7.5  
 6) WELL OPERATOR: FMF Oil and Gas Properties 7) DESIGNATED AGENT: Paul Bowles  
 Address: P.O. Box 458 Belington, WV 26250 Address: P.O. Box 1386 Charleston, WV 25325  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Phillip Tracy Name: Fox Drilling Co. Inc.  
 Address: Forrest Festival Terrace Apt. 24 Elkins, WV 26241 636-8798 Address: P.O. Box 129 Glenville, WV 26351  
 9) DRILLING CONTRACTOR: Fox Drilling Co. Inc.  
 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, 5600' feet  
 12) Estimated depth of completed well, 80-120 feet; salt, 120 feet.  
 13) Approximate trata depths: Fresh, 120 feet; Is coal being mined in the area? Yes XX No XX  
 14) Approximate coal seam depths: 120 feet

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 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP 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									Sizes
Coal									(Slurry 61)
Intermediate	8 5/8	J55	23	X		1100'	1100'	to surface	Depths set
Production	4 1/2	J55	10.5	X			5600	650 SKS	or as req. by rule 15.01
Tubing									Perforations:
Liners									Top Bottom

SPE CONDITIONING ON REVERSE SIDE FOR USE OF SLURRY 61

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-083-0880 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: <b>BLANKET</b>	Agent: <u>LD</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>9827</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas



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 Nowsco Slurry 61, as noted, on this well its surface casing for Pastine #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:

Blanket	Agent	Plan	Casing	Fee
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08/25/2023



IV-9  
(Rev 8-81)

DATE FEBRUARY 5, 1984

WELL NO. PASTINE #1

State of West Virginia

API NO. 47 -083 -0880

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 GEORGE PASTINE SOIL CONS. DISTRICT TYGARTS VALLEY

Revegetation to be carried out by For PIPING Const (RE Foy) (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan: 2-8-84 (Date)

Junior H. H. H.  
(SCD Agent)

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OIL & GAS DIVISION  
DEPT. OF MINES

ACCESS ROAD

LOCATION

Structure ROAD DITCH (A)  
Spacing N/A  
Page Ref. Manual 2-12

Structure DIVERSION DITCH (1)  
Material EARTH  
Page Ref. Manual 2-12

Structure CROSS DRAIN (B)  
Spacing 1-REP'D.  
Page Ref. Manual 2-1

Structure DRILL PIT (TEMPORARY) (2)  
Material EARTH  
Page Ref. Manual N/A

Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (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

Treatment Area II

Lime GROUND AGRICULTURAL 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 10-20-20 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* TIMOTHY 15 lbs/acre  
Orchard Grass 15 lbs/acre  
Clover 8 lbs/acre

Lime GROUND AGRICULTURAL 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 10-20-20 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* TIMOTHY 15 lbs/acre  
Orchard Grass 15 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

08/25/2023

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.

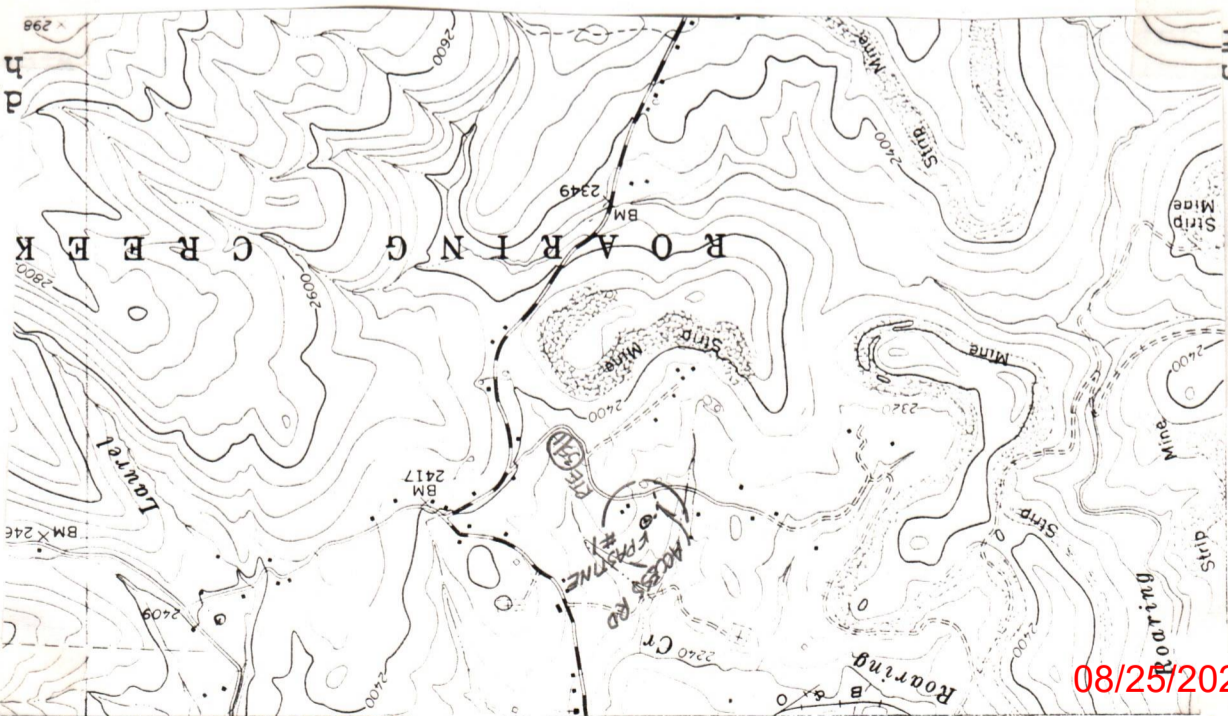
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE BEVERLY WEST

**LEGEND**

Well site

Access Road

08/25/2023



Sketch of  
drilling  
part of

**LEGEND**

Property boundary

Road

Existing fence

Planned fence

Stream

Open ditch

Diversion

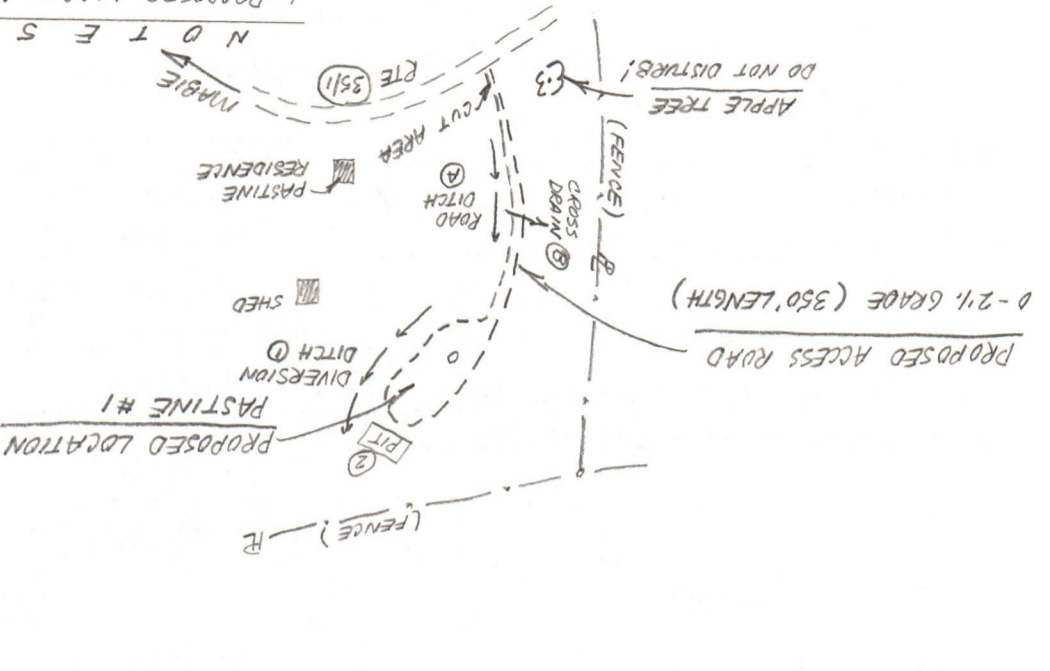
Spring

Wet spot

Building

Drain pipe

Waterway



- NOTES:**
1. PROPOSED LOCATION IS IN MEADOW - NO BRUSH OR TIMBER
  2. CUT AREA AT RTE (3511)
  3. DO NOT DISTURB APPLE TREE ALONG ACCESS ROAD
  4. STOCKPILE TOPSOIL FOR RECLAMATION
  5. RECLAIM DISTURBED AREAS WITHIN 6 MOS OF COMPLETION

NOT TO SCALE

1) Date: February 7, 1984  
2) Operator's Well No. Pastine #1  
3) API Well No. 47 - 083 - 0880  
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 George E. Pastine  
Address Star Route Box 22  
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 \_\_\_\_\_

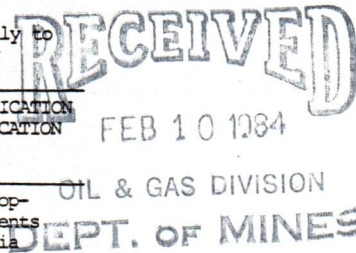
Name \_\_\_\_\_  
Address \_\_\_\_\_

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 Dield  
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

08/25/2023

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
<i>George Fastina, single</i>	<i>FMFOil &amp; Gas Properties, Inc.</i>	<i>1/8</i>	<i>347/114</i>



1) Date: February 7, 1984  
 2) Operator's Well No. Pastine #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: 2352' Watershed: Roaring Creek  
 District: Roaring Creek County: Randolph Quadrangle: Beverly West 7.5
- 6) WELL OPERATOR FMP Oil and Gas Properties 7) DESIGNATED AGENT Paul Bowles  
 Address P.O. Box 458 Address P.O. Box 1386  
Belington, WV 26250 Charleston, WV 25325
- 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 Glennville, WV 26030
- 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, 5600' feet  
 13) Approximate trata depths: Fresh, 80-120 feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: 120 Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_
- 15) CASING AND TUBING PROGRAM

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

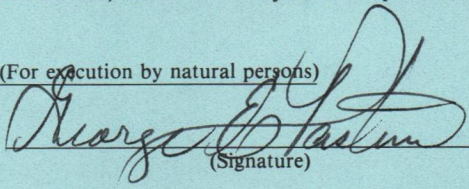
CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11.75</u>			<u>x</u>		<u>30'</u>	<u>30'</u>	<u>to surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>	<u>J55</u>	<u>23</u>	<u>x</u>		<u>1100'</u>	<u>1100'</u>	<u>to surface</u>	<u>(Slurry 61)</u>
Production	<u>4 1/2</u>	<u>J55</u>	<u>10.5</u>	<u>x</u>			<u>5600</u>	<u>650 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.)  
 NAME: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

(For execution by natural persons)  
  
 Date: 2-8-84  
 \_\_\_\_\_  
 (Signature) Date: \_\_\_\_\_

**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.



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.

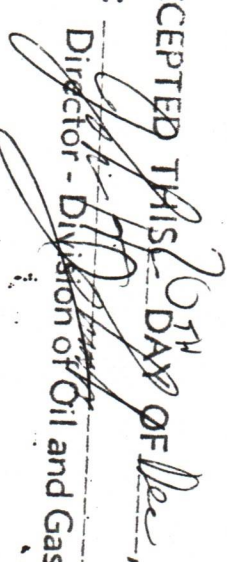
Said assignment is subject to the following terms, conditions, and covenants:

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.

ACCEPTED THIS 20TH DAY OF Dec, 1985  
BY:   
Director - Division of Oil and Gas

08/25/2023

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-11621

**RECEIVED**  
AUG - 8 1984



Date August 7, 1984  
Operator's (Pastine #1)  
Well No. A-1595  
Farm Pastine  
API No. 47 - 083 - 0880

OIL & GAS DIVISION  
DEPT. OF MINES  
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL and GAS DIVISION

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

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

LOCATION: Elevation: 2352' Watershed Unnamed Run of Roaring Creek  
District: Roaring Creek County: Randolph Quadrangle: Beverly West 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 George Pastine

ADDRESS Star Rt., Bx 22, Mabie, WV 26278

MINERAL RIGHTS OWNER George Pastine

ADDRESS Star Rt., Bx 22, Mabie, WV 26278

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

PERMIT ISSUED February 14, 1984

DRILLING COMMENCED June 11, 1984

DRILLING COMPLETED June 16, 1984

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

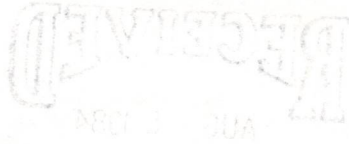
Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16			
11-3/4"	15'	Pulled	
9 5/8"			
8 5/8"	1052'	1052'	to surface
7"			
5 1/2"			
4 1/2"	4997'	4997'	w/500 sks 2000'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Sand DEPTH 5600 FEET

Depth of completed well 5250 feet Rotary x / Cable Tools \_\_\_\_\_  
Water Strata depth: Fresh 85 & 420 feet Salt \_\_\_\_\_ feet  
Coal seam depth: 264-266, 745-750, 843-846 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 No show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 440 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 2 hours  
Static rock pressure 700 psig (surface measurement after 168 hours shut-in)  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth 08/25/2023 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)

RAW  
880



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

Well was fractured June 27, 1984  
 Perforations: 2734 - 2738 4849 - 4851  
 2752 - 2754 Balltown 4857 - 4861  
 3640 - 3649 4868 - 4872 1st Elk  
 3657 - 3661 Benson

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
			Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale	0	264	1" stream water @ 85'
Coal	264	266	1/2" stream water @ 420'
Sand & Shale	266	745	Gas check @ 1486' No show
Coal	745	750	Gas check @ 1579' No show
Sand & Shale	750	843	Gas check @ 1831' No show
Coal	843	846	Gas check @ 1893' No show
Sand	846	850	Gas check @ 2049' No show
Red Rock	850	1059	Gas check @ 2135' No show
Sand & Shale	1059	1111	Gas check @ 2363' No show
Red Rock	1111	1204	Gas check @ 2740' No show
Shale	1204	1236	Gas check @ 2803' No show
Red Rock	1236	1267	Gas check @ 3495' No show
Little Lime	1267	1284	Gas check @ 3620' No show
Shale	1284	1345	Gas check @ 3714' No show
Big Lime	1345	1482	Gas check @ 4279' No show
Red Rock & Shale	1482	1495	Gas check @ 4872' No show
Big Injun	1495	1515	Gas check @ 5250' No show
Sand	1515	1587	
Red Rock & Shale	1587	1645	
Sand & Shale	1645	5250 T.D.	<u>GAMMA RAY LOG TOPS</u> Gordon Stray 1767' Gordon 1984' 4th Sand 2003' 4th A Sand 2109' 5th Sand 2130' Bayard 2246' Speechley 2304' Balltown 2700' Bradford 3172' Riley 3500' Benson 3638' Alexander 4062' 1st Elk 4848' 2nd Elk 4906'

(Attach separate sheets as necessary)

ALAMCO, INC., 200 W. Main Street, Clarksburg, WV 26301  
 Well Operator

By: *W. L. Somerville*

Date: August 7, 1984

08/25/2023

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."



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

RECEIVED  
MAY 21 1985

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

FMF Oil & Gas Propertier  
P. O. Box 458  
Belington, West Virginia 26250

PERMIT NO 83-880

FARM & WELL NO Antone 1

DIST. & COUNTY Wayne Co. Randolph

IN COMPLIANCE  
Yes No

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

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

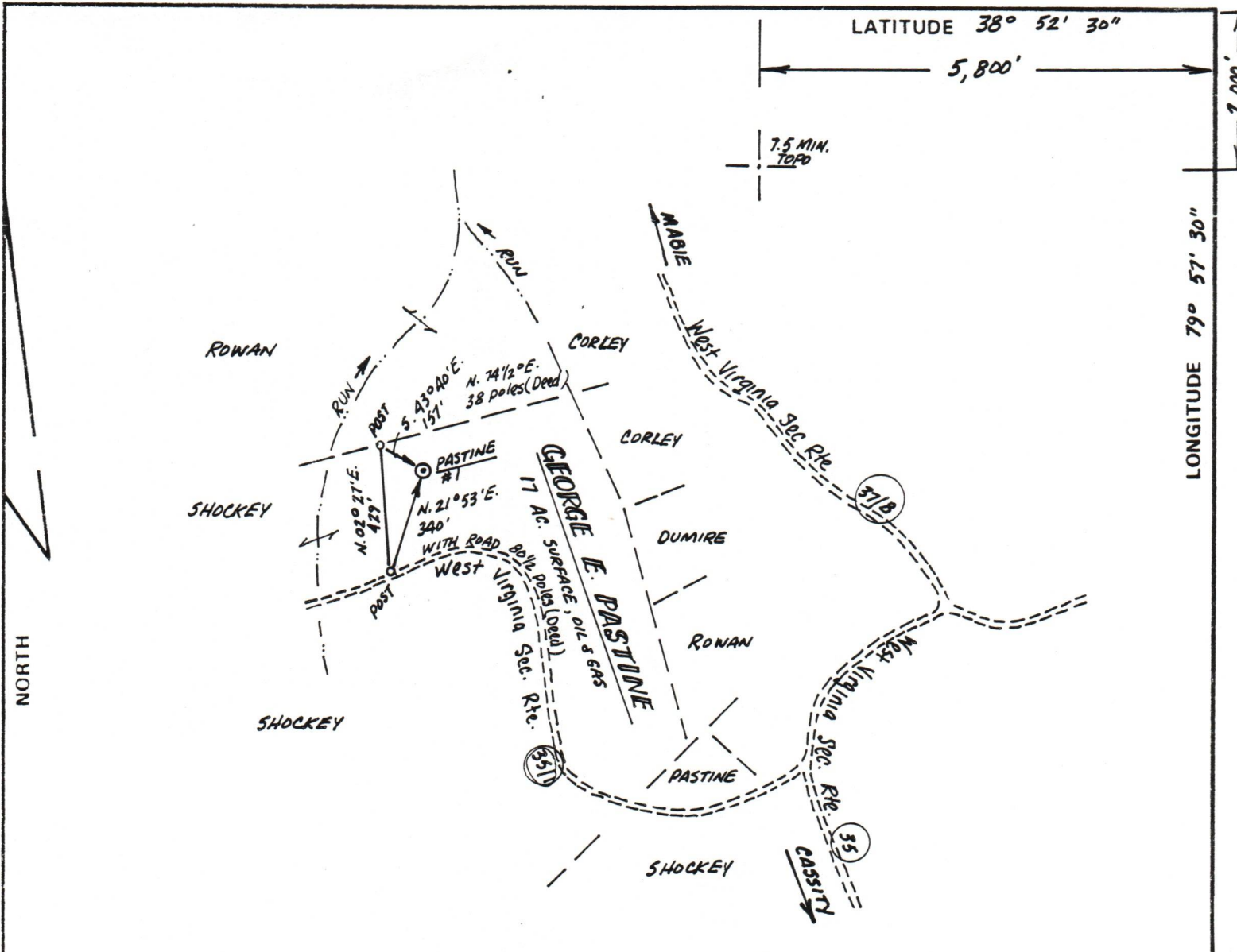
SIGNED Phillip Tracy

DATE 5-7-85

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

T. L. ...  
Administrator-Oil & Gas Division

May 24, 1985  
DATE



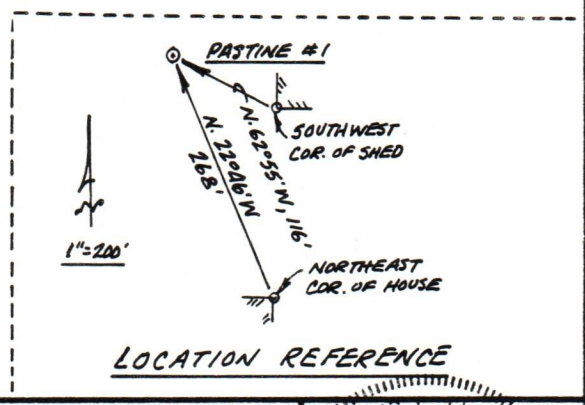
LATITUDE 38° 52' 30"

5,800'

LONGITUDE 79° 57' 30"

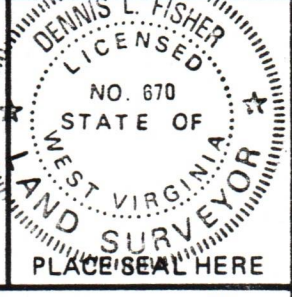
7.5 MIN. TOPO

1. (Deed) CALLS FROM DB. 335/Pg. 351
2. PROPOSED LOCATION IS N. 21° 46' W, 268' FROM NORTHEAST CORNER OF PASTINE RESIDENCE AND 245' FROM DUG WELL
3. PROPERTY OWNER VERIFIED CORNERS & LINES
4. THERE ARE NO WELLS OR LOCATIONS WITHIN 2400' OF PROPOSED LOCATION



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEV. 2417 AT ROAD INTERSECTION

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. PASTINE #1  
 API WELL NO. \_\_\_\_\_  
47 - 083 - 0880  
 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 2352 WATER SHED UNNAMED RUN OF ROARING CREEK  
 DISTRICT ROARING CREEK COUNTY RANDOLPH  
 QUADRANGLE BEVERLY WEST (7.5 MIN)  
 SURFACE OWNER GEORGE PASTINE ACREAGE 17 AC.  
 OIL & GAS ROYALTY OWNER GEORGE PASTINE LEASE ACREAGE 17 AC. 08/25/2023  
 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 5600 FT  
 WELL OPERATOR FMF OIL & GAS PROPERTIES DESIGNATED AGENT PAUL BOWLES  
 ADDRESS 537 SPRINGVALE ROAD ADDRESS PO Box 1386  
GREAT FALLS, VA. 22066 CHARLESTON, NV 25325