

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address _____

GEOLOGICAL TARGET FORMATION, Fox

Estimated depth of completed well, 5400 feet Rotary XX / Cable tools /

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

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

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT PILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11 3/4"			X		20'	20'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"		20*	X		900'	900'	To Surface	
Production	4 1/2"		10 1/2*	X		5400'	5400'	400 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, of the W. Va. Code, the location is hereby approved

for Drilling. This permit shall expire if operations have not commenced by 1-15-82.

[Signature]
Deputy Director - Oil & Gas Division

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:

W A I V E R

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 _____

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 2127 Watershed: Little Laurel Run
District: Roaring Creek County: Randolph Quadrangle: Ellamore

WELL OPERATOR FME Oil and Gas Properties, Inc. DESIGNATED AGENT Paul Bowles
Address Suite 305, 7030 So. Yale Address P.O. Box 1386
Tulsa, Oklahoma 74136 Charleston, W. Va. 25325

OIL & GAS ROYALTY OWNER Joe Panther
Address Ekins Convalescent Hospital
P.O. Box 188
Ekins, W. Va. 26241

COAL OPERATOR _____
Address _____

ACREAGE 99
SURFACE OWNER Frank Lamb
Address Rt. 6, Box 125
Laurinburg, N.C.
ACREAGE 99

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Forrest Hutton & Othna
Address Rt. 4, Box 40A
Leesburg, Va. 22075
Name (4 Othna - List attached)
Address (Showing Coal owners)

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name Meadowlark Farms, Inc.
Address 105 South Meridian St.
Indianapolis, Indiana

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address P.O. Box 345
Jane Lew, W. Va. 26378

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract dated 17 Sept., 1980, to the undersigned well operator from Joe Panther

[If said deed, lease, or other contract has been recorded:]
Recorded on 24 Sept., 1980, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Deed Book 330 at page 151. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

RECEIVED

03/15/2024

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

APR 30 1981

OIL & GAS DIVISION
DEPT. OF MINES

FME Oil and Gas Properties, Inc.
Well Operator

By Alvin Sorensen
Its Petroleum Engr.

BLANKET BOND

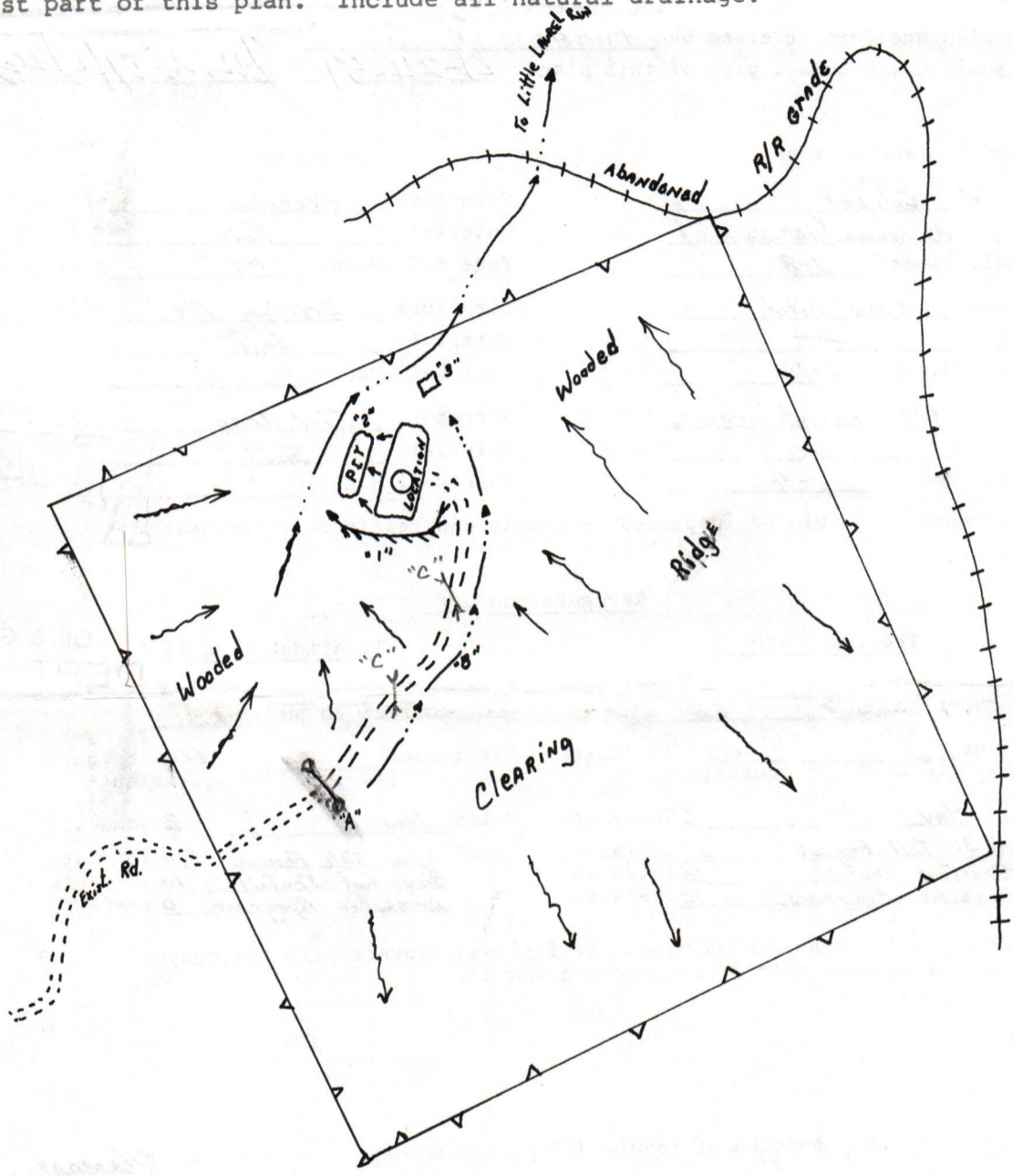
File

Well Site Plan

- Legend:
- Property Boundry
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

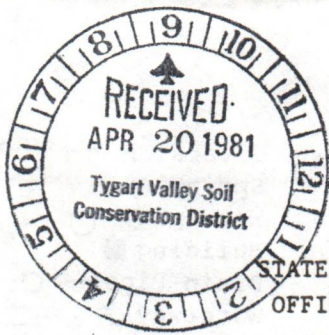


- Comments:
1. Well road to run with an existing road and then for 800 ft. to the location on an 8% grade.
 2. All marketable timber to be cut and stacked.
 3. All brush to be disposed of prior to starting excavation.
 4. Cuts to be on a 2:1 slope unless in rock.
 5. Drainage to be maintained after reclamation is complete.
 6. Seeding to commence within three (3) months after completion of well.

03/15/2024

Signature: Alvin Sorcan Rt. 4 Box 444, Buckhannon, WV 472-0007
 Agent Address Phone Number

Please request landowners cooperation to protect new seeding for one growing season.



Date 26 March 19 81
 Well No. Lamb #2
 API No. 47 - 083 - 0475
 State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

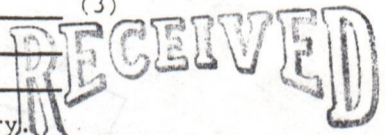
Company Name FME Oil & Gas Properties, Inc. Designated Agent Paul Bowles
 Address Soire Jus, 7030 So. Yale, Tulsa, Okla. 74136 Address PO Box 1386
 Telephone 918-492-3656 Telephone CHARLOTTE, N.C. 28225
302-844-2621
 Landowner FRANK LAMB Soil Cons. District Tygart's Valley

Revegetation to be carried out by OPERATOR (Agent)

This plan has been reviewed by TYGARTS VALLEY SCD. All corrections and additions become a part of this plan. 4-24-81 (Date) J. M. H. [Signature] (SCD Agent)

Access Road	Location
Structure <u>Culvert</u> (A)	Structure <u>DIVERSION</u> (1)
Spacing <u>AS NEEDED (12" Dia. Min.)</u>	Material <u>Soil</u>
Page Ref. Manual <u>1-8</u>	Page Ref. Manual <u>1-9</u>
Structure <u>OPEN Ditch</u> (B)	Structure <u>Drilling Pit</u> (2)
Spacing <u>—</u>	Material <u>Soil</u>
Page Ref. Manual <u>1-11</u>	Page Ref. Manual <u>—</u>
Structure <u>Cross Relief Drains</u> (C)	Structure <u>Silt Trap</u> (3)
Spacing <u>150'</u>	Material <u>Soil</u>
Page Ref. Manual <u>1-4</u>	Page Ref. Manual <u>—</u>

All structures should be inspected regularly and repaired if necessary.



APR 30 1981

Revegetation

Treatment Area I
 Lime 3 Tons/acre or correct to pH 6.5
 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
 Mulch HAY 2 Tons/Acre
 Seed* KY 31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

Treatment Area II
 Lime 3 Tons/Acre or correct to pH 6.5
 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
 Mulch HAY 2 Tons/Acre
 Seed* KY 31 Tall Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Ryegrass 10 lbs/acre

OIL & GAS DIVISION
DEPT. OF MINES

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

Attach or photocopy section of involved Topographic map. Quadrangle ELLAMORE

Legend: Well Site
 Access Road



(JUNIOR)
5081 IV NW

LAW OFFICES
BROWN, HARNER & BUSCH, L.C.

P. O. BOX 1333
ONE RANDOLPH AVENUE
ELKINS, W. VA. 26241

TELEPHONE: (304) 636-3560

JOHN F. BROWN, JR.
W. DEL ROY HARNER
JOHN E. BUSCH
RICHARD H. TALBOTT, JR.

PARSONS OFFICE:
303 FIRST STREET
PARSONS, W. VA. 26287
TELEPHONE (304) 478-3828

April 8, 1981

FMF Oil & Gas Properties, Inc.
537 Springvale Road
Great Falls, VA 22066

RE: Joe Panther
99 Acres and 20 Poles - Roaring Creek District
Randolph County, WV
Coal Ownership

Gentlemen:

At the request of Rex Ostrander, examination has been made of the records in the Office of the Clerk of the County Commission of Randolph County, WV, to determine the identity of the current owners of the coal underlying the above property, which was reported by letter dated October 17, 1980, to have been severed in 1902 and conveyed to W. H. Cobb and C. W. Maxwell.

Based on our examination, it appears that the coal is presently owned as follows:

- (a) Forrest Hutton
Route 4, Box 40A
Leesburg, VA 22075
One-Third Interest
- (b) Charleston National Bank
Charleston, WV
Executor and Trustee of Estate of George
Ward, Deceased
One-Ninth Interest
- (c) Cecelia Wallace and Sarah Ward
Elkins, WV
One-Ninth Interest
- (d) Samuel W. Channell
Charleston, WV
Two-Ninths Interest

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OIL & GAS DIVISION
DEPT. OF MINES

03/15/2024

Page 2
FMF Oil & Gas
April 8, 1981

(e) Carl R. Channell
Washington, D.C.
Two-Ninths Interest

By various leases entered into during the year 1976, the then owners of said coal leased the coal to Meadowlark Farms, Inc., 105 South Meridian Street, Indianapolis, IN, for a period of twenty years, with certain renewal options.

If further information is need with regard to the addresses of the parties, please advise.

Very truly yours,

Richard H. Talbott, Jr.

RHT:bkp

cc: ✓ Rex Ostrander

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OIL & GAS DIVISION
DEPT. OF MINES

03/15/2024

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

Did not log well before running packer and tubing.

Drilled to 1543', encountered 80/10 thru 7", Gas @ 1465'. Ran 1439'
2 3/8" Tubing with Packer; 8/18/81 and cleaned well up.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Topsoil			0'	7'	
Coal			7'	8'	
Sand and Shale			8'	43'	
Sand and Shale			43'	60'	
Coal			60'	65'	
Sand and Shale			65'	109'	
Sand and Shale			109'	287'	
Coal			287'	290'	
Sand and Shale			290'	430'	
Sand and Shale			430'	478'	
Coal			478'	483'	
Sand and Shale			483'	636'	
Sand and Shale			636'	667'	
Coal			667'	674'	
Red Rock, Sand and Shale			674'	1007'	
Red Rock, Sand and Shale			1007'	1075'	
Red Rock, Sand and Shale			1075'	1175'	
Big Lime			1175'	1328'	
Big Injun			1328'	1457'	
Pocono			1457'	1515'	
Total Depth			1543'		

(Attach separate sheets as necessary)

FMF OIL AND GAS PROPERTIES, INC.

Well Operator

By: *[Signature]*

its Consultant

Date: 8-19-82

03/15/2024

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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IV-35
(Rev 8-81)

AUG 23 1982

Date August 17, 1982
Operator's _____
Well No. 2
Farm Lamb
API No. 47 - 083 - 0475

OIL AND GAS DIVISION State of West Virginia
WV DEPARTMENT OF MINES
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 X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 2127' Watershed Little Laurel Run
District: Roaring Creek County Randolph Quadrangle Ellamore

COMPANY FMF Oil and Gas Properties, Inc.
ADDRESS 537 Springvale Road, Great Falls, VA 22066
DESIGNATED AGENT Al Sorcan
ADDRESS Rt. 4, Buckhannon, WV 26201
SURFACE OWNER Frank Lamb
ADDRESS Rt. 6, Box 125, Laurinburn, NC 28352
MINERAL RIGHTS OWNER Joe Panther
Elkins Convalescent Hospital
ADDRESS P.O. Box 188, Elkins, WV 26241
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Stewart ADDRESS P.O. Box 345, Jane Lew, WV
PERMIT ISSUED May 15, 1981
DRILLING COMMENCED August 14, 1981
DRILLING COMPLETED August 18, 1981
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		1050'	To Surface
7			
5 1/2			
4 1/2		1439'	On Packer
3			
2 3/8		1439'	On Packer
Liners used			

GEOLOGICAL TARGET FORMATION Haverty-Fox Depth 5400 feet
Depth of completed well 1543 feet Rotary X / Cable Tools
Water strata depth: Fresh 35 feet; Salt feet
Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Pocono Pay zone depth feet
Gas: Initial open flow 4029 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 1476 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 376 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth 03/15/2024 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

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

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AUG 17 1981

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

Permit No. 083-0475

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>EMF oil & GAS PROP.</u>	Size			
<u>BUCK HANNON</u>	16			Kind of Packer
<u>FRANK LANB</u>	13			
<u># 2</u>	10			Size of
<u>ROARING CREEK</u> County <u>RANDOLPH</u>	8 1/4			
<u>8-14-81</u>	6 3/4			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			
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES

Drillers' Names Union Rig 2

Remarks: move Rig SPD

8-14-81
DATE

Robert Stead 03/15/2024
DISTRICT WELL INSPECTOR 511

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

INSPECTOR'S WELL REPORT

Permit No. 083-0475

Oil or Gas Well GAS
(KIND)

Company <u>ENF oil & GAS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Belington</u>	Size			
Farm <u>FRANK LAMB</u>	16			Kind of Packer
Well No. <u>#2</u>	13			
District <u>BEARING CREEK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>8-14-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

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Remarks:

O.K. To Release

SEP - 7 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

9-3-82

DATE

Robert Stewart 51
03/15/2024
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 6, 1982

FMF Oil & Gas Properties
P. O. Box 458
Belington, W. Va. 26250

IN RE: PERMIT NO. 47-083-0475
FARM Frank Lamb
WELL NO. 2
DISTRICT Roaring Creek
COUNTY Randolph

gentlemen:

The final inspection report for the above described well has been received at this office. Only the column checked 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 on your behalf, in order that they may give you credit on your 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

:rl