

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: 1869' Watershed: Big Laurel Run
District: Roaring Creek County: Randolph Quadrangle: Junior

WELL OPERATOR EMF Oil & 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 S.L. Yeager
Address 602 Brown Ave.
Belington, W. Va.
Acreage 56

COAL OPERATOR _____
Address _____

SURFACE OWNER S.L. Yeager
Address (Same)
Acreage 56

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name S.L. Yeager
Address (Same)

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

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address P.O. Box 345
Jane Lew, W. Va. 26378
304-884-7782

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

RECEIVED

OIL & GAS DIVISION
DEPT. OF MINES

APR - 8 1981

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 18th Feb., 19 81, to the undersigned well operator from S.L. Yeager

[If said deed, lease, or other contract has been recorded:]
Recorded on 23 Feb., 19 81, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Deed Book 336 at page 96. 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.

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

BLANKET BOND

EMF Oil and Gas Properties, Inc.
Well Operator

By Alvin Soren
Its Petroleum Engr.

03/15/2024

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 FILL-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'	540 400 SACS	Depths set
Tubing								or as reqd.	
Liners								by rule 15.01	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-8, "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 12-13-81.

J. G. Murray
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 XXX / 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 applicable requirements of the West Virginia Code and the governing regulations.

03/15/2024

Date: 4/1, 19 81

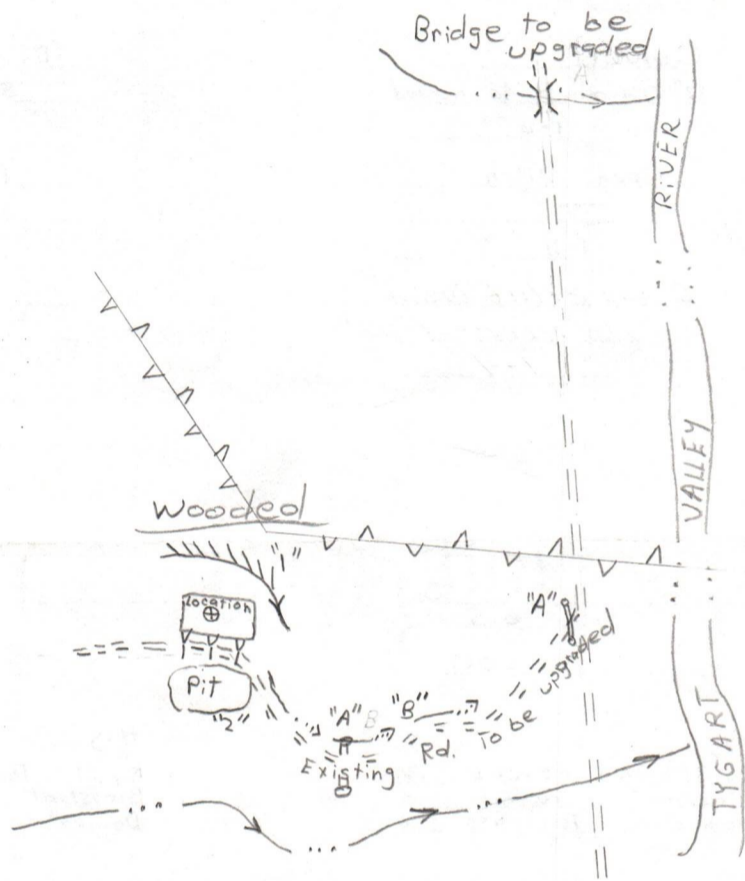
By S. L. Hagan
Its _____

Well Site Plan

- Legend:
- Property Boundary
 - 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.



1. Well road to be constructed along an existing grade having a gentle slope.
2. All Marketable timber to cut and staked.
3. All brush to be disposed of prior to starting excavation.
4. Cuts will be at 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.

Comments:

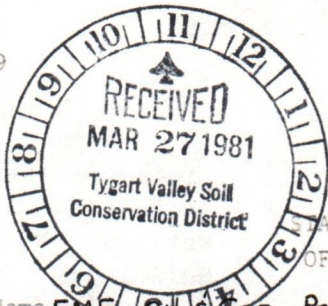
Signature:

Alvin Sorenson
Agent

Rt. 4, Box 444, Buckhannon, WV 472-0007
Address

Phone Number
03/15/2024

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



Date 5 Mar 1981
Well No. Yeager #1
API No. 47 - 083 - 0446
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name FME Oil & Gas Properties Inc. Designated Agent Paul Bowles
Address Suite 305, 7030 So. Yale Tulsa, Oklahoma 74136 Address P.O. Box 1386 Charleston, W. Va. 25325
Telephone 918-492-3656 Telephone 344-9621
Landowner S. L. Yeager Soil Cons. District Tygart's Valley

Revegetation to be carried out by operator (Agent)

This plan has been reviewed by Tygart Valley SC. All corrections and additions become a part of this plan. 3-31-81 Junior Helms
(Date) (SCD Agent)

Access Road	Location
Structure <u>Culvert</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>12" Dia. min. - As needed</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>Pit</u> (2)
Spacing _____	Material <u>Soil</u>
Page Ref. Manual <u>1-11</u>	Page Ref. Manual _____
Structure <u>Cross Relief Drain</u> (C)	Structure _____ (3)
Spacing <u>As Needed 250'</u>	Material _____
Page Ref. Manual <u>1-4</u>	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary.

OIL & GAS DIVISION
DEPT. OF MINES

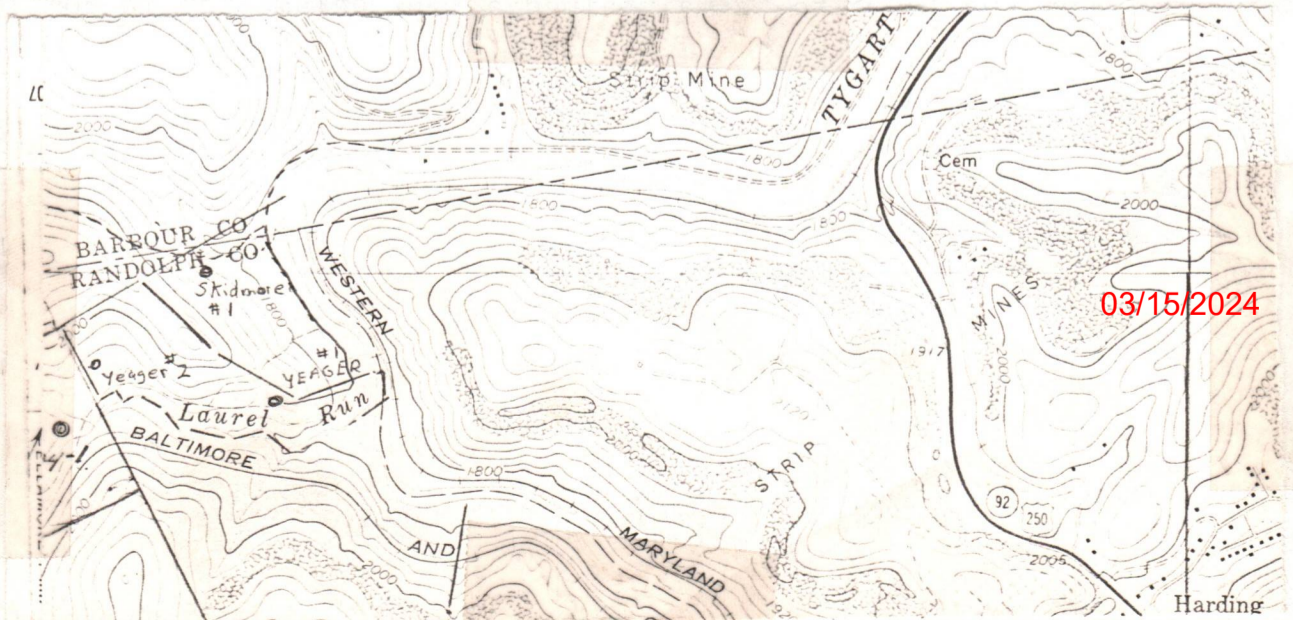
Revegetation

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

*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 Junior

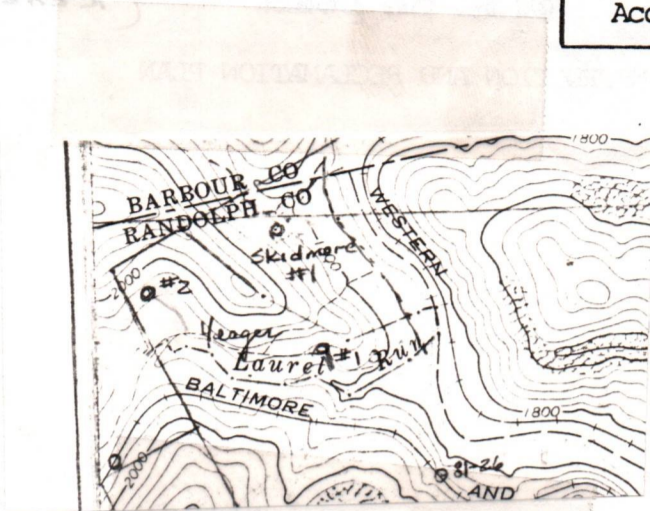
Legend: ⊕ Well Site
— Access Road



IV-9 REVERSE
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE JUNIOR

LEGEND	
Well Site	⊕
Access Road	—



WELL SITE PLAN

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

LEGEND	
Property boundary	—▲▲▲▲—
Road	== == == ==
Existing fence	—X—X—
Planned fence	—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—••••→
Diversion	//////
Spring	○→
Wet spot	⊕
Building	■
Drain pipe	—○→○→
Waterway	⇄ ⇄ ⇄ ⇄

(Cuts on 2:1 Slope unless in Rock.)

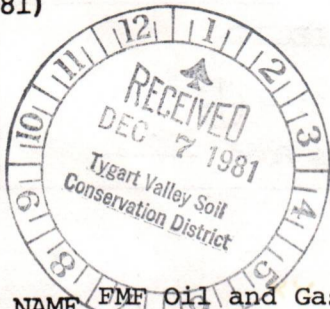


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IV-9
(Rev 8-81)

DATE 3 Dec., 1981
WELL NO. Yeager #1
API NO. 47 - 083 - 0446 REN



State of West Virginia
Department of Mines
Oil and Gas Division

(Renewal)

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME FME Oil and Gas Properties, Inc. DESIGNATED AGENT Charles Shaffer
Address 537 Springvale Road Rt. 1, Concord Road
Great Falls, Virginia 22066 Belington, West Virginia 26250
Telephone 703-759-4545 Telephone 304-823-2701
LANDOWNER S. C. Yeager SOIL CONS. DISTRICT Tygart's Valley
Revegetation to be carried out by _____ Operator _____ (Agent)

This plan has been reviewed by Tygart's Valley SCD. All corrections
and additions become a part of this plan: 12/7/81
(Date)

RECEIVED

DEC 11 1981

ACCESS ROAD
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

	LOCATION
Structure <u>Culverts</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Culvert at logging Road (15' min)</u>	Material <u>soil (2% max. slope)</u>
Page Ref. Manual <u>2-5</u>	Page Ref. Manual <u>2-10</u>
Structure <u>Drainage Ditch</u> (B)	Structure <u>Drilling Pit</u> (2)
Spacing <u>To be constructed along road.</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-10</u>	Page Ref. Manual <u>-----</u>
Structure <u>Cross Drains</u> (C)	Structure <u>Sediment trap</u> (3)
Spacing <u>45'</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>-----</u>

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.

Note: Drainage to be maintained after completion of well and seeding to commence within 3 months after completion of well.

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

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

OSTRANDER LAND SURVEYING, INC.
PLAN PREPARED BY Rexford L. Ostrander

ADDRESS Rt. 2, Box 375-6
Buckhannon, WV 26201
PHONE NO. 304-472-0817

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

file

(Revised 3-81)

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 Cable tools ___ /
Approximate water strata depths: Fresh, 2 feet; salt, 2 feet.
Approximate coal seam depths: _____
Is coal being mined in this area: Yes ___ / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor	<u>11 3/4"</u>			<input checked="" type="checkbox"/>		<u>20'</u>	<u>20'</u>	Kinds
Fresh water								
Coal								Sizes
Intermed.	<u>8 5/8"</u>		<u>20 #</u>	<input checked="" type="checkbox"/>		<u>900'</u>	<u>900'</u>	<u>To surface</u>
Production Tubing	<u>4 1/2"</u>		<u>10 1/2 #</u>	<input checked="" type="checkbox"/>		<u>5400'</u>	<u>5400'</u>	<u>540 SKS</u> Depths set
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 Renewed. This permit shall expire if operations have not commenced by 8-15-82

J. H. Murray
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 regularions.

Date: December 7, 19 81.

By: S. L. Yeager
Its: O. B. ...

file

03/15/2024



Well No. Yeager #1
Farm S.L. Yeager
API # 47-083- 0446 REN
Date 7 December 81

(Renew Permit - 47-083-0446)

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas x /

(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /

LOCATION: Elevation: 1869' Watershed: Big Laurel Run
District: Rearing Creek County: Randolph Quadrangle: Junior

WELL OPERATOR FMF Oil & Gas Properties, Inc. DESIGNATED AGENT Charles Sheffer
Address 527 Springdale Rd. Address Rt. 1, Concord Rd.
Great Falls, Va. 22066 Belington, W. Va. 26250

OIL AND GAS ROYALTY OWNER S.L. Yeager COAL OPERATOR _____
Address 602 Brown Ave Address _____
Belington, W. Va. 26250
Acreage 56

SURFACE OWNER S.L. Yeager COAL OWNER(S) WITH DECLARATION ON RECORD:
Address (same) NAME S.L. Yeager
Acreage 56 Address (same)

FIELD SALE (IF MADE) TO:
NAME _____
Address _____
COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert Stewart
Address P.O. Box 345
Jane Lew, W. Va. 26378
Telephone 304-884-7782

RECEIVED

DEC 11 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease xxx / other contract ___ / dated 2/18, 1981, to the undersigned well operator from S.L. Yeager.

(If said deed, lease, or other contract has been recorded:)

Recorded on 2/23, 1981, in the office of the Clerk of County Commission of Randolph County, West Virginia, in 336 Book at page 96. A permit is requested as follows:

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

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

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

03/15/2024

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

FMF Oil and Gas Properties, Inc.

Well Operator

By: Charles E. Sheffer

Its: AGENT

file

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

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SEP 01 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0446

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>S. L. Yeager</u>	16			Kind of Packer
Well No. <u>#1</u>	13			
District <u>BOARING CREEK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>_____</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 _____

Remarks:

NO LOCATION - CANCEL
OK. TO RELEASE

8-30-82
DATE

Robert Stewart
DISTRICT OIL INSPECTOR

511

03/15/2024

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

RECEIVED

APR 11 1983

OIL AND GAS DIVISION
DEPARTMENT OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED					BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

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

September 21, 1982

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

IN RE: PERMIT NO. 47-083-0446-RE
FARM S. L. Yeager
WELL NO. 1
DISTRICT Roaring Creek
COUNTY Randolph

Gentlemen:

The final inspection report for the above described well has been received in this office. Only the column checked below applies.

XXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

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

 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

TMS:rl

03/15/2024