

HO 9-9-80

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 2083 Watershed: Laurel Run
District: Roaring Creek County: Randolph Quadrangle: Ellamore

WELL OPERATOR FMF Oil and Gas Properties, Inc. DESIGNATED AGENT Paul Bowles
Address 7030 So. Yale Suite 305 Address PO Box 1386
Tulsa, Oklahoma 74136 Charleston, WV 25325

OIL & GAS ROYALTY OWNER Bernard L. and Margaret F. Conniff COAL OPERATOR _____
Address 1499 E. Hancock Drive Address _____
Deltona, Florida 32725

Acres 35 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Gerald Ryan Name Bernard L. and Margaret F. Conniff
Address RT.-1, Box 774 Address 1499 E. Hancock Dr.
Kearneysville, WV 25430 Deltona, Florida 32725
Acres 35 Name _____
Address _____

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

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address PO Box 345
Jane Lew, WV 26378
304-884-7782

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

RECEIVED
SEP 8 1980
OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XXXX / other contract ___ / dated 22 May, 19 80, to the undersigned well operator from Bernard L. and Margaret F. Conniff

[If said deed, lease, or other contract has been recorded:]
Recorded on 18 June, 19 80, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Deed Book 331 at page 309. A permit is requested as follows:

PROPOSED WORK: Drill XXX / 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

FMF Oil and Gas Properties, Inc.
Well Operator

By Alvin Soren
Its Petroleum Engineer

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Union Drilling, Inc.. Address PO Drawer 40 Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 5000 + feet Rotary XXX / 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

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom). Rows include Conductor, Fresh water, Coal, Intermediate, Production, Tubing, and Liners.

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 5-9-81

Signature: Thomas E. Huzzey, 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 all applicable requirements of the West Virginia Code and the governing regulations.

Date: Sept 2, 1980

Signature: Bernard L. Cornuff - Owner, dated 03/22/2024

By: Its:

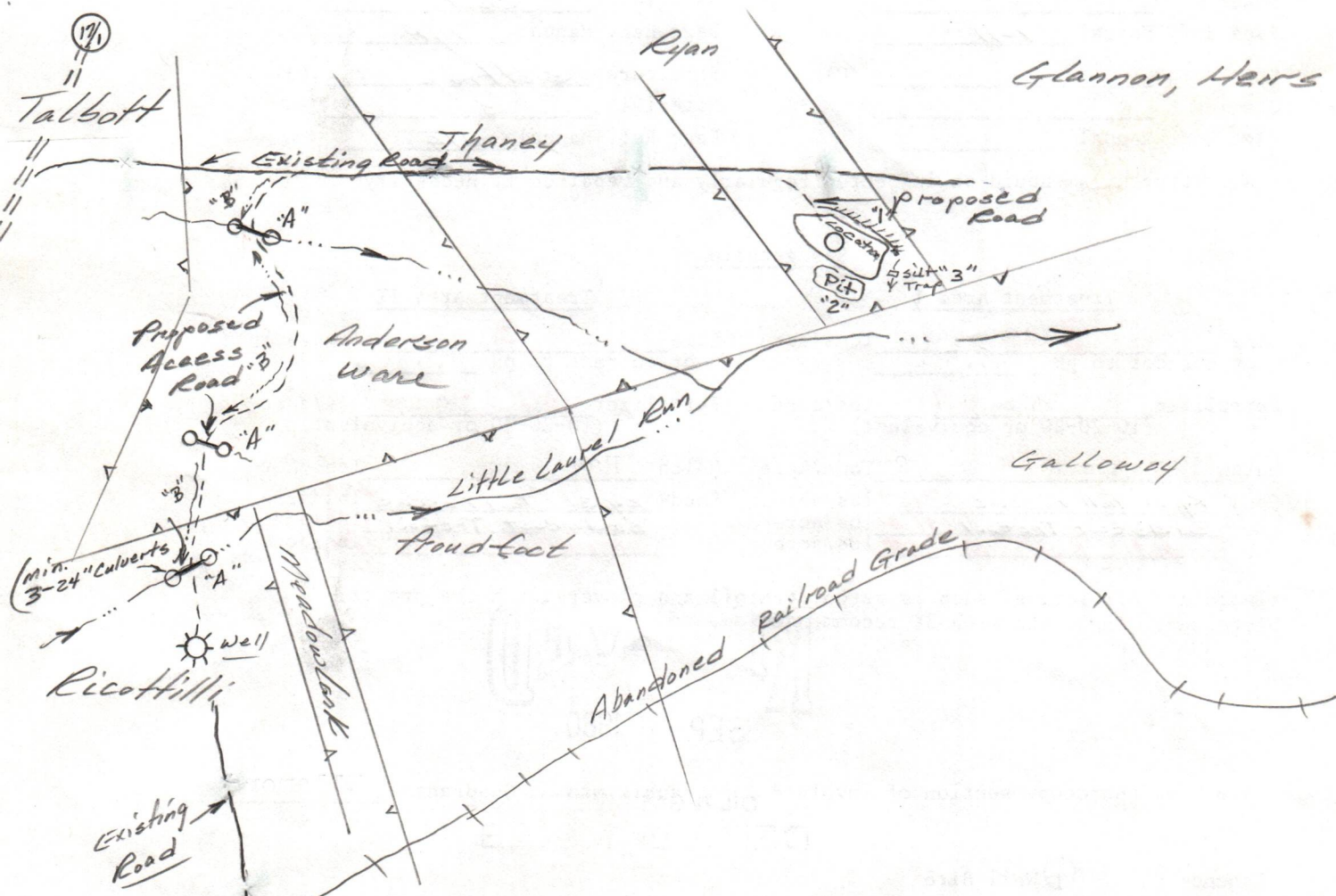
Well Site Plan

- 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.

All marketable timber to be cut & stacked
All brush should be disposed of before dirt work begins
Ditch Relief Cross DRAINS OR Culverts - 150' spacing (1:5)



Comments: Cut Area will have a 2:1 slope unless in Rock.
Drainage will be maintained after reclamation
is completed. Drilling pit location is subject
to change.

03/22/2024

Signature: Alvin Soren RT4 Box 444 304-472-0007
 Agent Address Phone Number

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



Date 4 Sept, 19 80
Well No. FMF-2C
API No. 47 - 083 - 0349
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name FMF Oil and Gas Properties, Inc. Designated Agent Pal Bowles
Address Suite 305, 7030 S. Yale Address PO Box 1386, Charleston, WV
Telephone Tulsa, Oklahoma 74136 Telephone 344-9621
Landowner Gerald and Edith Ryan Soil Cons. District Tygarts 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.
(Date) 9/5/80 Senior Hedrick (SCD Agent)
Jean Freeman

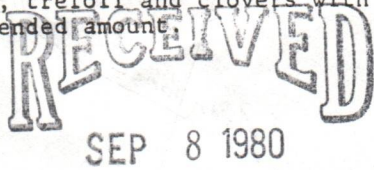
Access Road	Location
Structure <u>Culverts</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>As Needed (12" min. Dia.)</u>	Material <u>Soil</u>
Page Ref. Manual <u>(Except as shown) 1-8</u>	Page Ref. Manual <u>1-9</u>
Structure <u>Open Ditch</u> (B)	Structure <u>Drilling Pit</u> (2)
Spacing <u>---</u>	Material <u>Soil</u>
Page Ref. Manual <u>1-11</u>	Page Ref. Manual <u>N/A</u>
Structure <u>---</u> (C)	Structure <u>Silttrap</u> (3)
Spacing <u>---</u>	Material <u>Soil</u>
Page Ref. Manual <u>---</u>	Page Ref. Manual <u>N/A</u>

All structures should be inspected regularly and repaired if necessary.

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>500 600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600 300</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> 2 Tons/Acre	Mulch <u>Hay</u> 2 Tons/Acre
Seed* <u>Ky. 31 Tall Fescue 30#</u> lbs/acre <u>Birds Foot Trefoil 10#</u> lbs/acre <u>Domestic Ryegrass 10#</u> lbs/acre	Seed* <u>Ky. 31 Tall Fescue 30#</u> lbs/acre <u>Birds Foot Trefoil 10#</u> lbs/acre <u>Domestic Ryegrass 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 Ellamore

OIL & GAS DIV
DEPT. OF MINES

Legend: Well Site
 Access Road

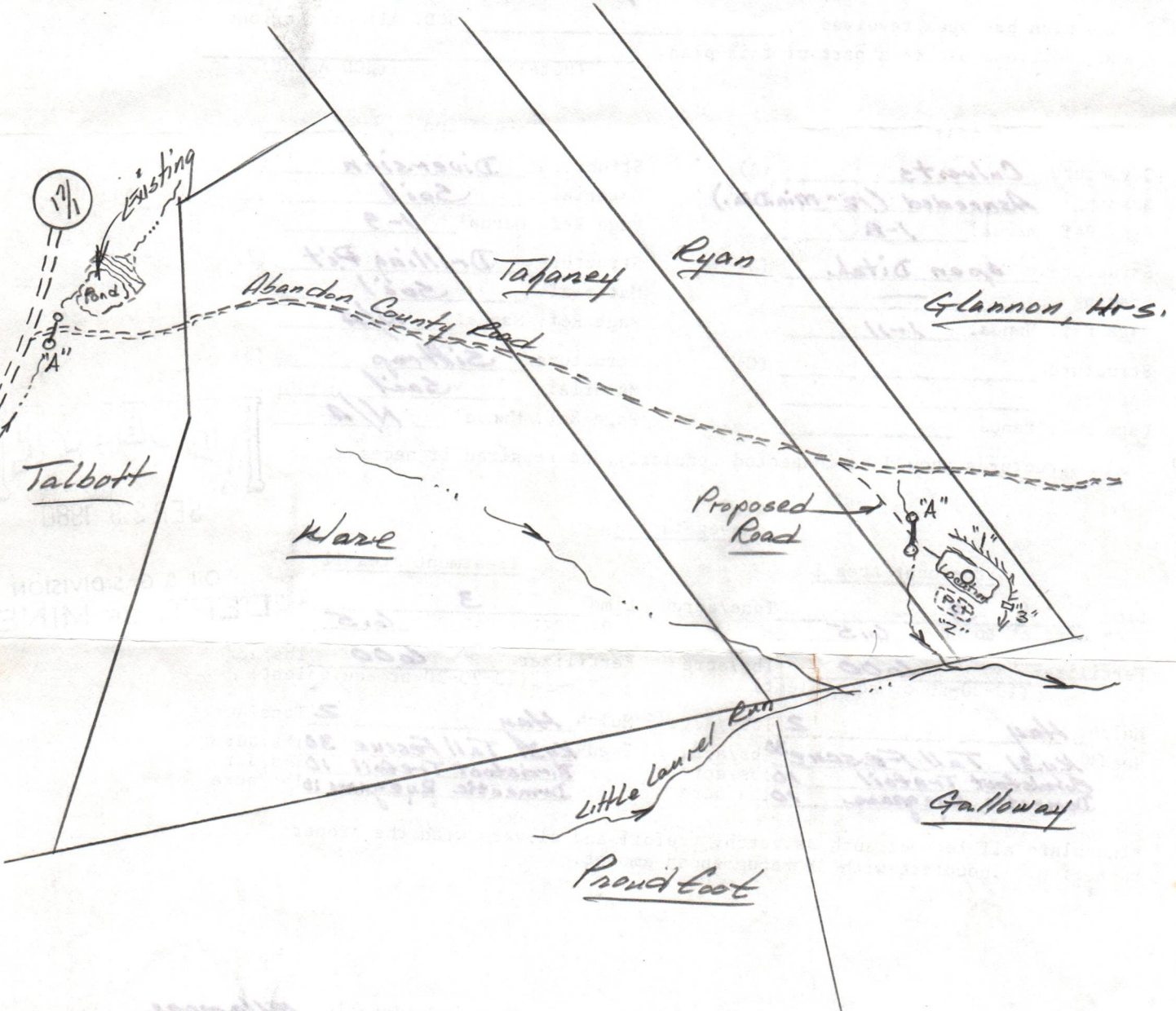


Well Site Plan

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.



- Comments:
1. All marketable Timber to be Cut and Stacked.
 2. All brush shall be disposed of before earth work begins.
 3. Ditch relief Cross Drains or Culverts - 150' spacing (1:5)
 4. Cut Area will have a 2:1 Slope unless in rock.
 5. Drainage will be maintained after reclamation is completed.
 6. Drilling pit location is subject to change.

03/22/2024

Signature: Alvin Loran
Agent

Rt 4, Box 444
Address

472-0007
Phone Number

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

Revised

Date 26 Sept. 1980
Well No. FME-2C
API No. 47 - 083 - 0349
State West County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name FME Oil & Gas Properties, Inc. Designated Agent Paul Bowles
Address Tulsa, Oklahoma Address PO Box 1386, Charleston, W.V.
Telephone 918-492-3656 Telephone 304-344-9621
Landowner Gerald and Edith Ryan Soil Cons. District Tygerts Valley
Revegetation to be carried out by Operator (Agent)
This plan has been reviewed by _____ SCD. All corrections
and additions become a part of this plan. _____ (Date) _____ (SCD Agent)

Access Road	Location
Structure <u>Calverts</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>As needed (12" min. Dia.)</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>N/A</u>
Structure _____ (C)	Structure <u>Silttrap</u> (3)
Spacing _____	Material <u>Soil</u>
Page Ref. Manual _____	Page Ref. Manual <u>N/A</u>

All structures should be inspected regularly and repaired if necessary.

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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
Whitefoot 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)

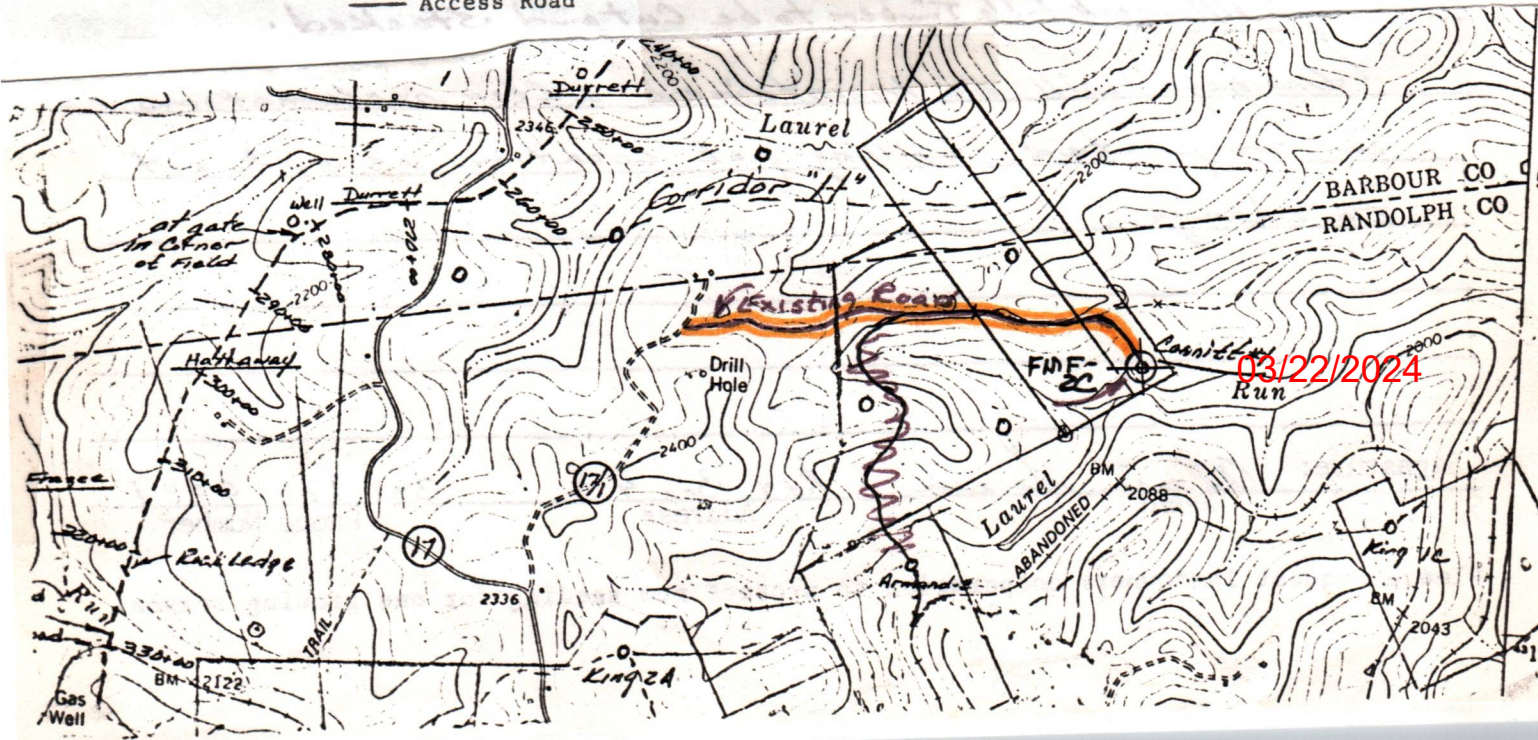
Mulch Hay 2 Tons/Acre

Seed* Ky 31 Tall Fescue 30 lbs/acre
Whitefoot 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.

Attach or photocopy section of involved Topographic map. Quadrangle Elamore

Legend:  Well Site
 Access Road



Formation	Color	Hard or Soft	Top Feet ⁷⁹	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			1,365	1,390		
Gantz			1,390	1,420		
Sand & Shale			1,420	1,800		
Fourth Sand			1,800	1,830		
Sand & Shale			1,830	1,950		
Fifth Sand			1,950	1,980		
Sand & Shale			1,980	2,352		
Speechly			2,352	2,378		
Sand & Shale			2,378	2,450		
Balltown			2,450	2,525		
Sand & Shale			2,525	2,978		
Bradford			2,978	3,094		
Sand & Shale			3,094	3,275		
Riley			3,275	3,300		
Sand & Shale			3,300	3,440		
Benson			3,440	3,460		
Sand & Shale			3,460	4,680	Gas	1/10-1" Water
Elk			4,680	4,890		
Sand & Shale			4,890	5,110	T.D.	2/10-1" Water

03/22/2024

Date Feb. 13, 19 81

APPROVED [Signature], Owner
 FMF OIL & GAS PROPERTIES



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division DEPT. OF MINES

WELL RECORD 79

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Ellamore

Permit No. 470830349

083-0349

Company FMF Oil & Gas Properties
Address #305-7030 S Yale, Tulsa, OK 74177
Farm _____ Acres 35
Location (waters) Little Laurel Run
Well No. FMF-2C Elev 2,038'
District Roaring Creek County Randolph
The surface of tract is owned in fee by _____
Gerald Ryan
Address Rt. 1, Box 774, Kearneysville, WV 25430
Mineral rights are owned by Bernard L. & Margaret E. Conniff
Address 1499 E Hancock Dr., Deltona, FL 32725
Drilling Commenced 10-03-80
Drilling Completed 10-13-80
Initial open flow 0 cu. ft. 0 bbls.
Final production 193 cu. ft. per day 0 bbls.
Well open 4 hrs. before test 1,550 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>11-3/4"</u>	<u>20'</u>	<u>No</u>	
Cond. <u>13-10"</u>			
<u>9 5/8</u>			
<u>8 5/8</u>	<u>941.93'</u>	<u>Yes</u>	<u>200 SKS</u>
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>4,960.75'</u>	<u>Yes</u>	<u>325 SKS</u>
<u>3</u>			
<u>2</u>			
Liners Used			

Attach copy of cementing record.

1st stage: Haverty, breakdown pressure: 2,500 psi; average treating pressure: 2,695 psi
S.I.P. 1,450 psi; total sand used: 60,000#; 550 BBLs total water.

2nd stage: Benson, breakdown pressure: 2,800 psi; average treating pressure: 2,345 psi;
Instantaneous S.I.P.: 1,450 psi; total sand used: 40,000#; 465 BBLs total water.

Perforations in casing from 4,786' to 4,811'; Benson - 3,910' to 3,924'

Coal was encountered at 5-10', 224-230', 427-429' Feet _____ Inches
Fresh water 48', 360', 4,860', 5,110' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson and Elk Depth Benson-3,909'-3,926'; Elk-4,786'-4,811'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill			0	3		
Shale			3	5		
Coal			5	10		
Sand & Shale			10	30		
Sand			30	224		
Coal			224	230		
Sand & Shale			230	240		
Sand			240	335		
Sand & Shale			335	340		
Sand			350	427		
Coal			427	429		
Sand & Shale			429	485		
Shale			485	730		
Red Rock			730	1,107		
Little Lime			1,107	1,125		
Shale			1,125	1,130		
Big Lime			1,130	1,260		
Shale & Red Rock			1,260	1,275		
Big Injun			1,275	1,365		

03/22/2024

(over)

* Indicates Electric Log tops in the remarks section.

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

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OCT - 9 1980

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

Permit No. 083-0349

Oil or Gas Well GAS
(KIND)

Company <u>ENF oil & GAS</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>TULSA OKLA</u>	Size			
Form <u>BERNARD CONNIFF</u>	16			Kind of Packer
Well No. <u>2-C</u>	13			
District <u>ROARING CREEK</u> County <u>RAVDOLPH</u>	10			Size of
Drilling commenced <u>10-7-80</u>	8 1/2			
Drilling completed _____ Total depth _____	6 3/4			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 UNION DRILLING RIG-8

Remarks:
Move RIG SPUD

10-7-80

Robert Stewart

03/22/2024

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

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OCT 14 1980

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0349

Oil or Gas Well OGS
(KIND)

Company ENF oil & GAS
 Address BUCKHANNON
 Farm BERNARD CONNIFF
 Well No. 2-C
 District ROARING CREEK County RANDOLPH
 Drilling commenced 10-7-80
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
<u>8 7/8</u>		<u>942</u>	<u>250 SKS</u>
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 7/8 SIZE 942 No. FT. 10-10-80 Date
 NAME OF SERVICE COMPANY HALLIBURTON
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names UNION DRILLING Rig-8

Remarks: Cement to SURFACE

10-10-80

03/22/2024
Robert Stewart 511

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

INSPECTOR'S WELL REPORT

Permit No. 083-0349

Oil or Gas Well GAS
(KIND)

Company <u>FMF Oil & Gas</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>BUCK HANNON</u>	Size			
Farm <u>BERNARD CONIFF</u>	16			Kind of Packer
Well No. <u>FMF 2-C</u>	13			
District <u>ROARING CREEK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>10-7-80</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			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:
O.K. To Release

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SEP - 2 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

8-31-81
DATE

Robert Schmitt 03/22/2024 511
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

THOMAS E. HUZZEY
Deputy Director

WALTER N. MILLER
DIRECTOR

January 25, 1982

FMF Oil & Gas Properties
537 Springvale Road
Great Falls, Virginia 22066

In Re: PERMIT NO RAN-0349
FARM Gerald Ryan/Conniff
WELL NO 2C
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.

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

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

XXXX 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,

Thomas E. Huzzey

TEH/Chm

03/22/2024

DEPT. OF MINES
OIL & GAS DIVISION

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MAY 11 1981

FERC-121

0322/2130

1.0 Applicant number: (If not available, leave blank. 14 digits) 47 083 0349		2.0 Type of determination being sought (Use the codes found on the front of this form.) Section of NGPA: 107 Category Code: T		3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above) 5110 feet		4.0 Name, address and code number of applicant (35 letters per line; maximum. If code number not available, leave blank) FMP Oil & Gas Properties 537 Springvale Road Great Falls, Va. State: _____ Zip Code: _____		5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name). Field Name: Roaring Creek District State: West Va. State: _____		(b) For OCS wells Area Name: _____ Block Number: _____ Date of Lease: _____ Mo. Day Yr.		(c) Name and identification number of this well (35 letters and digits maximum). King #2C		(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum). _____		6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank) Columbia Gas Transmission Corp. Have Code: 004030		(b) Date of the contract Under Negotiation Mo. Day Yr.		(c) Estimated annual production MMcf.		7.0 Contract price: (As of filing date. Complete to 3 decimal places.) _____		8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) _____		9.0 Person responsible for this application Agency Use Only Date Received by Juris. Agency: MAY 11 1981 Date Received by FERC: _____		10.0 Applicant information is (Completed) 5-8-81 Phone Number: 703-759-4545		Title: President Name: Frank M. Foley Signature: _____	
--	--	--	--	--	--	--	--	---	--	---	--	--	--	---	--	--	--	--	--	--	--	--	--	---	--	---	--	---	--	--	--

11-10000022

PARTICIPANTS:

DATE: JUL 9 1981

BUYER-SELLER CODE

WELL OPERATOR:

FMF Oil + Gas Properties

NA

FIRST PURCHASER:

Columbia Gas Trans. Corp.

004030

OTHER:

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
91-5-11 -107-083-0349
 Use Above File Number on all Communications
 Relating to Determination of this Well

~~needs correct affidavit and
 marked gamma ray log~~ 3.7%
 Qualifies J. H. Huggins

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 Items not completed - Line No. 7.0 + 8.0 All
2. IV-1 Agent Paul Bowles
3. IV-2 Well Permit _____
4. IV-6 Well Plat
5. IV-35 Well Record Drilling Deepening _____
6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
7. IV-39 Annual Production _____ years
8. IV-40 90 day Production _____ Days off line: _____
9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - (55) - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 10-30-80 Date completed 10-13-80 Deepened _____
- (5) Production Depth: 3909-26, 4780-4811
- (5) Production Formation: Benson, Elk
- (5) Final Open Flow: 193 mcf
- (5) After Frac. R. P. 1550 # 4 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____
- 0-17. Does lease inventory indicate enhanced recovery being done No
- 0-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information _____ Does computer program confirm? _____
- As Determination Objected to _____ By Whom? _____

03/22/2024

TS

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. King #2C
API Well No. 47 083 0349
State

10/16/81

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

Paul Bowles, Esq.

DESIGNATED AGENT Bowles, McDavid, Graff & Love, Box 1386

ADDRESS Charleston, West Va. 25325

FMF Oil & Gas Properties

WELL OPERATOR

ADDRESS 537 Springvale Road

Great Falls, Va. 22066

LOCATION Elevation 2038'

Watershed Laurel Run

Dist. RC County RAN Quad Ellamore

GAS PURCHASER Columbia Gas Trans Corp.

ADDRESS Box 1273

Charleston, West Va.

25314

Gas Purchase Contract No. Under Negotiation

Meter Chart Code

Date of Contract

* * * * *

Date surface drilling began: 10/3/80

Indicate the bottom hole pressure of the well and explain how this was calculated.

Final production 193 cubic feet per day 4 hours open, before test 1,550 RP

AFFIDAVIT

I, Stewart Rhoades, having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

Stewart Rhoades

STATE OF WEST VIRGINIA.

COUNTY OF Upshur. TO WIT:

I, Marcella L. Garrison, a Notary Public in and for the state and county aforesaid, do certify that Stewart Rhoades whose name is signed to the writing above, bearing date the 27 day of October, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of October, 1981.

My term of office expires on the 21 day of November, 1990.

Marcella L. Garrison
Notary Public

[NOTARIAL SEAL]

03/22/2024

RECEIVED
MAY 11 1981

OIL & GAS DIVISION
DEPT. OF MINES

FERC-121

1.0 API well number (If not available, leave blank 14 digits)	47 083 0349			
2.0 Type of determination being sought (Use the codes found on the front of this form)	102/4 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location (Only needed if sections 101 or 107 in 2.0 above)	5110 feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank)	FMF Oil & Gas Properties 537 Springvale Road Great Falls, Va. 22066			Seller Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Roaring Creek District Randolph Co., West Va.			
(b) For OCS wells	Area Name _____ Block Number _____ Date of Lease _____ Mo Day Yr _____ OCS Lease Number _____			
(c) Name and identification number of this well (35 letters and digits maximum.)	King #2C			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank)	Columbia Gas Transmission Corp			004030 Buyer Code
(b) Date of the contract	Under Negotiation Mo Day Yr _____			
(c) Estimated annual production	MMcf			
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)				
9.0 Person responsible for this application	Frank M. Foley President			
Agency Use Only Date Received by Juris-Agency MAY 11 1981 Date Received by FERC	5-8-81 Application is Completed			703-759-4545 Phone Number

03/22/2024

PARTICIPANTS:

DATE: July 9 1981

BUYER-SELLER CODE

WELL OPERATOR:

FMF Oil & Gas Properties

NA

FIRST PURCHASER:

Columbia Gas Trans Corp.

004030

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

81-5-11 102-083 = 0349

Use Above File Number on all Communications
Relating to Determination of this Well

gas analysis and determination
Rejected
470010474 produced in 1976 from Benson
J. E. Hickey

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 Items not completed - Line No. 70480 All

2. IV-1 Agent Paul Bowles, Esquire

3. IV-2 Well Permit _____

4. IV-6 Well Plat

5. IV-35 Well Record Drilling Deepening

6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio

7. IV-39 Annual Production _____ years

8. IV-40 90 day Production _____ Days off line: _____

9. IV-48 Application for certification. Complete?

10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed

18-28. Other: Survey _____ Logs _____ Geological Charts _____

Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____ Isopach _____

(5) Date commenced: 10-3-80 Date completed 10-13-80 Deepened

(5) Production Depth: 3909-03, 4786-4811

(5) Production Formation: Benson, Elk

(5) Final Open Flow: 193 mcf

(5) After Frac. R. P. 1550 # 4 hrs.

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: _____

(8) Avg. Daily Gas from 90-day ending w/1-120 days _____

(8) Line Pressure: _____ PSIG from Daily Report

(5) Oil Production: _____ From Completion Report _____

10-17. Does lease inventory indicate enhanced recovery being done NO

10-17. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? yes

Additional information _____ Does computer program confirm? 03/22/2024

Gas Determination Objected to _____ By Whom? _____

5

FMF Oil & Gas Properties

Requested Information

Structure Map

Gas Analysis

Perforation Info

Other

King #1A 102/4 294 Test being completed at this time. 4980-82; 4988-96; 5196-5204 Electric Logs 102 - See attached sheet.

King #1B 102/4 295 Another copy Enclosed 4819-25; 4907-13 Electric Logs 102 - See attached sheet.

King #2A 102/4 326 Test being completed at this time.

King #2B 102/4 328 Test being completed at this time. 3649-53; 3678-80; 4258-62; 4813, 4818, 4826, 4829-33; 4838, 4909, 4932; 4958-62

King #2C 102/4 349 Test being completed at this time. Another copy Enclosed

M-1 102/4 303 Test being completed at this time.

M-2 102/4 304 Test being completed at this time.

Talbot #1, #2, #3 102/4 382, 383, 384 Test being completed at this time. Another copy Enclosed

"Perfs in Elk no marker Wells" (FMF does not understand; please explain.)
Electric Logs 102 -
See attached sheet.

"Records show no Riley & Elk marker wells" (FMF does not understand this comment, please explain.)

08/22/2024

10/1/81