

Date: 18 February, 19 81

Operator's Well No. Flanagan #1
API Well No. 47-083-0431
State County Permit

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: 2219' Watershed: Little Laurel Run
District: Roaring Creek County: Randolph Quadrangle: Ellamore

WELL OPERATOR FMF Oil & Gas Properties, Inc.
Address Suite 305, 7030 So. Yale
Tulsa, Oklahoma 74136

DESIGNATED AGENT Paul Bowles
Address P.O. Box 1386
Charleston, W. Va. 25325

OIL & GAS ROYALTY OWNER Paul R. Flanagan
Address Rt. 2
Coalton, W. Va.

COAL OPERATOR _____
Address _____

Acreage 15

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Paul R. Flanagan
Address (Same)

Name Paul R. Flanagan
Address (Same)

Acreage 15

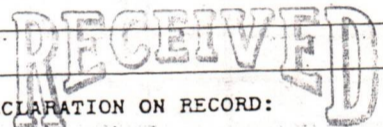
FIELD SALE (IF MADE) TO:

Name _____
Address _____

Name _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address P.O. Box 345
Stone Lew, W. Va. 26378
304-284-7782



OIL & GAS DIVISION
DEPT. OF MINES

FEB 25 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 3rd May, 1980, to the undersigned well operator from Paul R. Flanagan

[If said deed, lease, or other contract has been recorded:]
Recorded on May 25, 1980, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Deed Book 330 at page 522. 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.

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

FMF Oil and Gas Properties, Inc.
Well Operator

By Alvin Sear
Its Petroleum Engr.

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) Unknown

Address _____

GEOLOGICAL TARGET FORMATION, Fox

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

Approximate water strata depths: Fresh, 8 feet; salt, 8 feet.

Approximate coal seam depths: 8 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		
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'	425 SKS
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 11-2-81.

J. B. Burnett
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: 2-19, 19 81

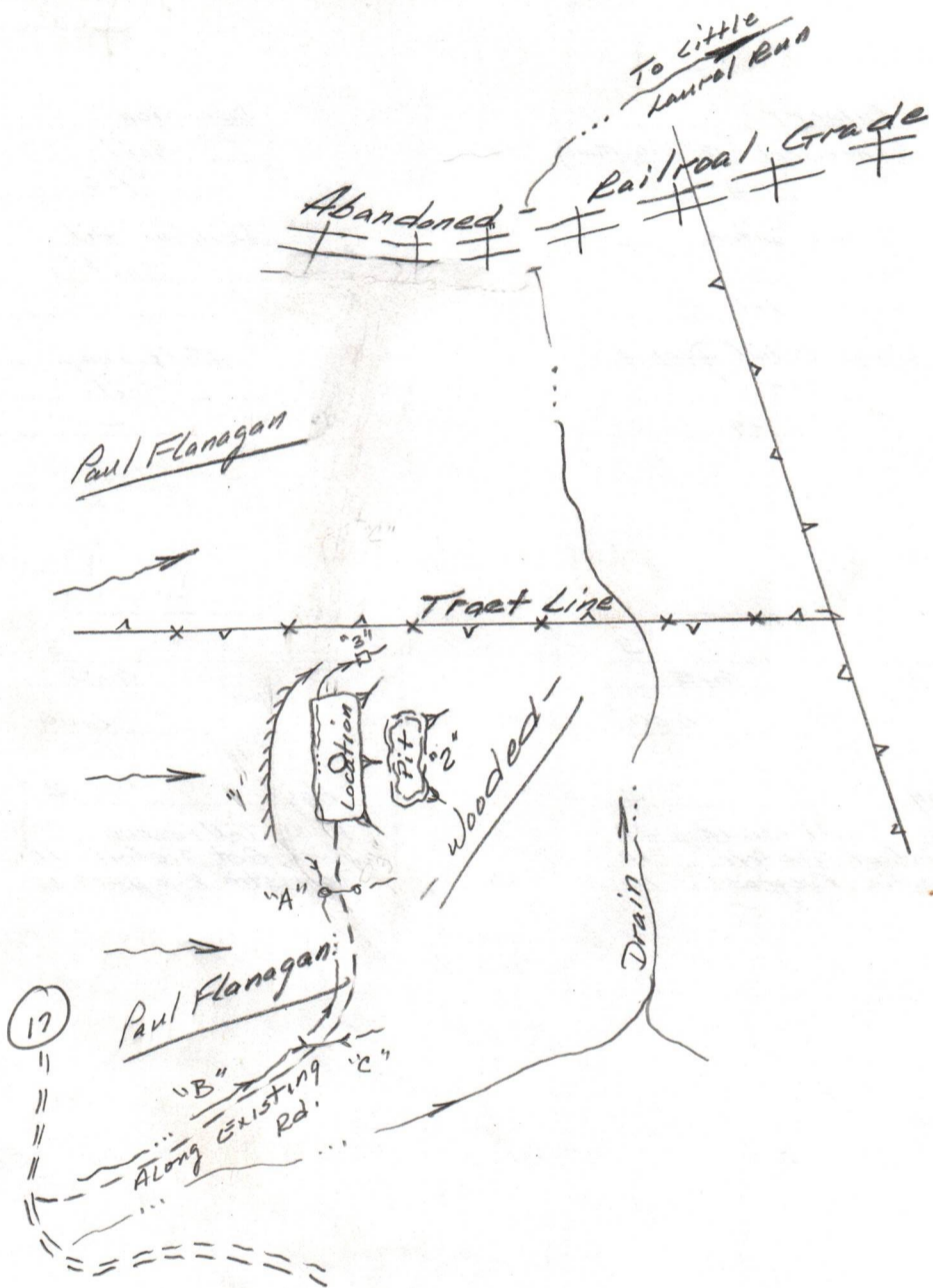
By Paul R. Lawson

Its _____

Well Site Plan

- | | | | | |
|----------------|------------------|--|------------|--|
| Legend: | Property Boundry | | Diversion | |
| | Road | | Spring | |
| | Existing Fence | | Wet Spot | |
| | Planned Fence | | Building | |
| | Stream | | Drain Pipe | |
| | Open Ditch | | 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 to be disposed of prior to earth work.
 3. Cut area to 1:1 slope unless in rock.
 4. Drainage to be maintained after reclamation is complete.

Signature: Alvin Loran R14, Box 444 Buckhannon 472-0007
 Agent Address Phone Number

03/15/2024

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



Date 11 February 19 81
 Well No. Flanagan #1
 API No. 47 - 083 - 0431
 State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name FMP 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
 Telephone 918-492-3656 Telephone 344-9621
 Landowner Paul Flanagan 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. 2/19/81 (Date) Junior Freeman
Jean Freeman (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.

OIL & GAS DIVISION
DEPT. OF MINES

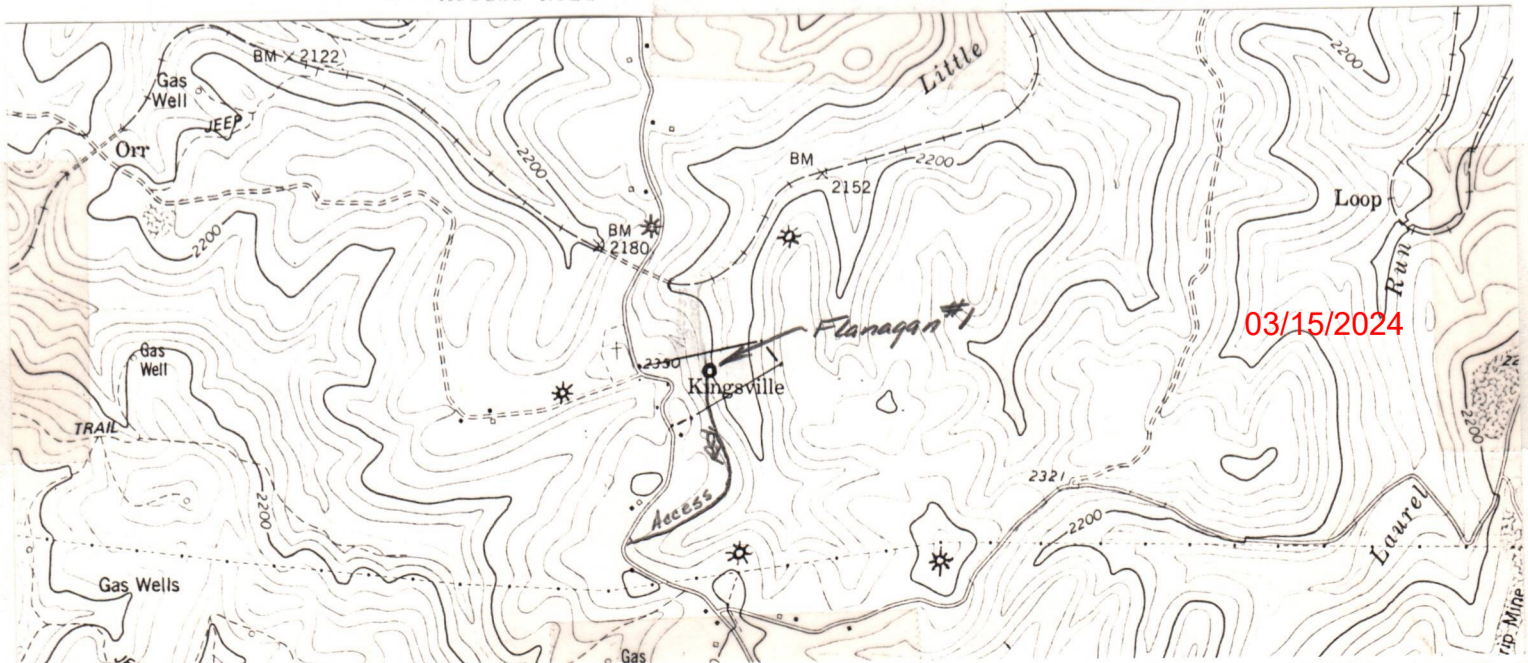
Revegetation

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>Ky31 Tall Fescue 30</u> lbs/acre	Seed* <u>Ky31 Tall Fescue 30</u> lbs/acre
<u>Birdsfoot Trefoil 10</u> lbs/acre	<u>Birdsfoot Trefoil 10</u> lbs/acre
<u>Domestic Ryegrass 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.

Legend: Well Site
 Access Road



03/15/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
8 5/8	Casing		0	1075		
Lime & Shale			1075	1155		
Big Lime			1155	1265		
Big Injun			1265	1400		
Sand			1400	1460	*	
Shale & Sand			1460	1780		
Sand & Shale			1780	2145		
Shale			2145	3690		
Sand & Silt (Benson)			3690	3780		
Shale & Silt			3780	4900		
Haverty			4900	4960	*	
Shale			4960	5110		
Fox			5110	5160	*	
Shale			5160	5327		
TD			5327			

Date Aug. 31 1903/15/2024

APPROVED _____ Owner

By [Signature]

State of West Virginia
Department of Mines
Oil and Gas Division
WELL RECORD

Well Type: Oil ___ / Gas XX / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow ___ /
Location: Elevation: 2219 Watershed: Little Laurel Run
District: Roaring Creed County: Randolph Quadrangle: Ellamore
Well Operator F.M.F. Oil & Gas Properties, Inc. Designated Agent Al Sorcan
Address Suite 305, 7030 So. Yale Address Rt. 4, Box 444
Tulsa, Okla 74177 Buckhannon, WV 26201

Permitted Work: Drill XX / Covert ___ / Drill deeper: ___ / Redrill ___ /
Fracture or stimulate XX / Plug off old formation ___ /
Preforate new formation ___ / Other physical change in well (specify) ___

Permit Issued on _____

Oil & Gas Inspector for This Work:
Name: Robert Stewart
Address: P. O. Box 345
Jane Lew, W.Va.

Geological Target Formation: Haverty-Fox Depth 4900-5150 feet
Depth of completed well, 5327 feet Rotary XX / Cable Tools ___ /
Water strata depth: Fresh ___ feet; Salt; ___ feet.
Coal seam depths: _____ Is coal being mined in the area? _____
Work was commenced 7/1/81, and completed 7/15/81

Casing and Tubing Program

Casing or Tubing Type	Specifications				Footage Intervals		Cement Fill-Up Or Sacks (cubic feet)
	Size	Grade	Weight per ft	New	Used	For drilling	
Conductor	11 3/4			X			30'
Fresh Water							
Coal							
Intermediate	8 5/8		20	X			1075'
Production	4 1/2		10 1/2	X			5214'
Tubing							
Liners							

Well Treatment details:

One Stage: Haverty Perfs: (4912-30) 18 TD csg. 5176
(5116-20) 4
30,000 80/100, 30000 20/40
BkDown 1800 Ave PSI 2850 Ave Rate 29

RECEIVED

SEP 8 - 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

03/15/2024

Gas: Initial open flow, 68 Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, 671 Mcf/d Final open flow, _____ Bbl/d
Static Rock Pressure, 1825# psig (surface measurement) after _____ hours shut in.

(Well log on reverse side)

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

INSPECTOR'S WELL REPORT

Permit No. 083-0431

Oil or Gas Well GAS
KIND

Company ENF oil & GAS
 Address Buck Hannon
 Farm PAUL FLANAGAN
 Well No. #1
 District ROARING CREEK County RANDOLPH
 Drilling commenced 6-30-81
 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
8 1/4			
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 _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names UNION RIG - 3

Remarks: MOVE RIG SPD

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JUL 1 1981

OIL & GAS DIVISION
DEPT. OF MINES

6-29-81
DATE

Robert Stewart
DIRECTOR

03/15/2024

STATE OF TEXAS
DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. 1540-899

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: _____

hereby certify I visited the _____ well on this date

DATE _____
J. B. Stewart

DISTRICT WELL INSPECTOR
1540-899

03/15/2024

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

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JUL 2 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0431

Oil or Gas Well GAS
(KIND)

Company EMF oil & GAS
 Address Belington
 Farm PAUL FLANAGAN
 Well No. #1
 District BOARDING CREEK County RANDOLPH
 Drilling commenced 6-30-81
 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 _____
8 1/4			
6 5/8			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 _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks:
O.K. TO Release

6-30-82
DATE

Robert Stewart 03/15/2024 511
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

July 13, 1982

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

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

<u>PERMIT NO.</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
083-0294	Armand Ricottilli, Armand #1, FMF-1A	Roaring Creek
083-0394	Donald & Patsy Anderson, #1	Roaring Creek
083-0395	Armand Ricottilli, #1	Roaring Creek
083-0409	Patrick Tahaney Heirs, #1	Roaring Creek
083-0431	Paul R. Flanagan, #1	Roaring Creek

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

TMS:rl

03/15/2024