



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 11 1981
OIL & GAS DIVISIO
DEPT. OF MIN.

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 30, 1981
Company Tyrone Energy, Inc.
Address 420 Buckhannon Pike, Clarksburg, WV
Farm L. L. Moss Acres 181 7/8
Location (waters) Brook Run
Well No. #5 (Five) Elevation 2387
District Roaring Creek County Randolph
Quadrangle Ellamore

Surface Owner L. L. Moss
Address Rt. 1, Box 289, Elkins, WV
Mineral Owner Jim J. LaRosa
Address 420 Buckhannon Pike, Clarksburg, WV
Coal Owner Jim J. LaRosa
Address 420 Buckhannon Pike, Clarksburg, WV
Coal Operator None
Address _____

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 1-14-82.

INSPECTOR TO BE NOTIFIED Robert S. Stewart
ADDRESS P.O. Box 345, Jane Lew, WV 26378
PHONE 884-7782

Fred S. Rudolph
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated June 10, 1976 by Ruth Woods Dayton, Widow made to James Joseph LaRosa and recorded on the 24 day of January 1977, in Randolph County, Book 305 Page 629
X NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address of Well Operator

Very truly yours, Rogus Stewart
(Sign Name) Tyrone Energy, Inc.
Well Operator
420 Buckhannon Pike
Street
Nutter Fort
City or Town
WV 26301
State

03/15/2024

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-083-0472 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Rogus Stewart

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME Rodger Stevens _____
 ADDRESS _____ ADDRESS 420 Buckhannon Pike, NutterFort, WV _____
 TELEPHONE _____ TELEPHONE 304-623-6751 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5500 _____ ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Elk _____
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WFLI	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	30'	30'	Circulate
9 - 5/8			
8 - 5/8	1400'	1400'	Circulate
7			
5 1/2			
4 1/2		5400	<u>540 Sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET _____ SALT WATER 465 FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

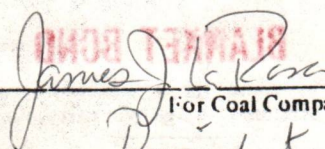
OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for James J. LaRosa Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. 03/15/2024

We the James J. LaRosa Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.



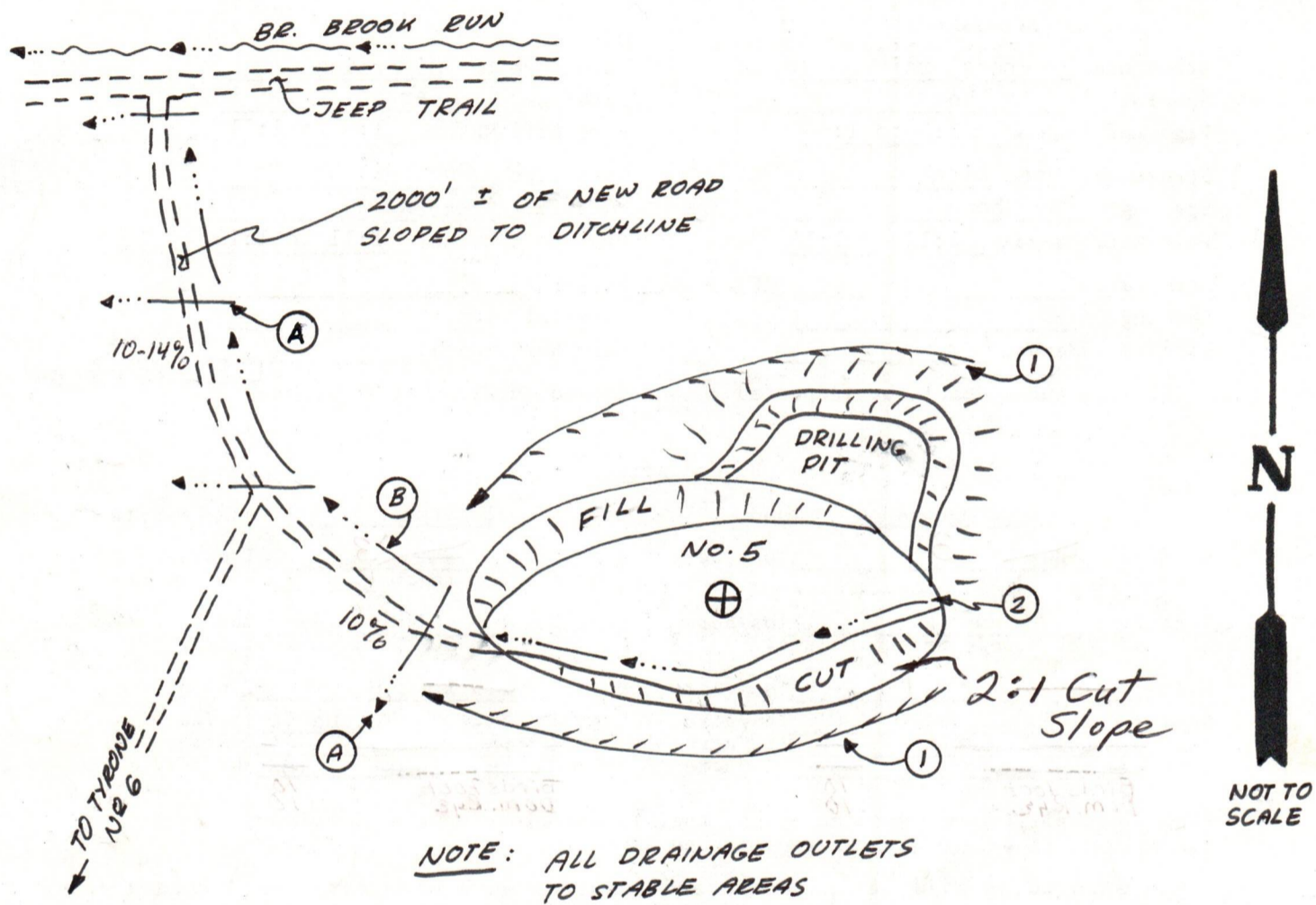
 For Coal Company
 President
 Official Title

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.

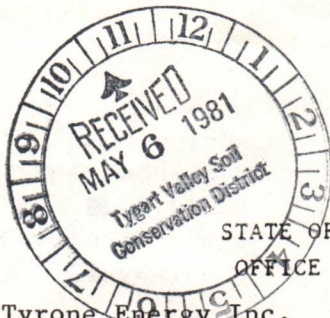


Comments: The brush and timber will be cut and removed from the road area and well site before earth work begins in accordance with applicable state regulations. As the road and well site are brought to desired grade, the erosion control structures will be installed in conjunction with these operations. Under most conditions, this plan will be followed; however, due to lease restrictions, surface owner requests, weather conditions, etc., this plan may need to be altered. Subsequently, the proper erosion and sediment control measures will be installed in conjunction with these changes. The well road will leave an existing jeep trail and travel some 2000-feet to the well site. The first 1000-feet of this road will be used jointly as an access to this well and the Tyrone No. 6.

03/15/2024

Signature: Agent
 420 Buckhannon Pike, Clarksburg, WV 26301 (304)623-6751 Address Phone Number
 Roger Stevens

... cooperation to protect new seeding for one growing season.



Date April 29, 1981
 Well No. Tyrone No. 5
 API No. 47 - 083 - 0472-Ren.
 State West Virginia County Perrine

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

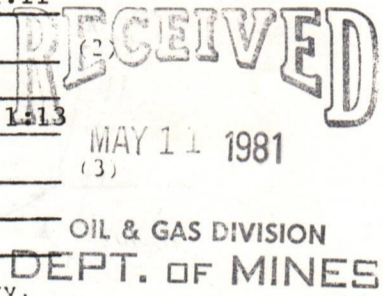
Company Name Tyrone Energy Inc. Designated Agent Roger Stevens
 Address 420 Buckhannon Pike, Clarksburg, WV 26301
 Telephone (304)623-6751
 Landowner L. L. Moss Soil Cons. District Tygart Valley

Revegetation to be carried out by Roger Stevens (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan. 5-8-81 (Date) Junior Steinhilber (SCD Agent)

Structure	Access Road	Location
<u>Ditch Relief Cross Drain</u> (A)	<u>As Shown</u>	<u>Diversion</u> (1)
<u>Open Ditch</u> (B)	<u>As Shown</u>	<u>Earth</u>
<u>Open Ditch</u> (C)	<u>As Shown</u>	<u>Earth</u>

Page Ref. Manual 1:3 to 1:6 Page Ref. Manual 1:9 to 1:11
 Page Ref. Manual 1:11 to 1:14 Page Ref. Manual 1:11 to 1:13
 Page Ref. Manual _____ Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary.

Revegetation

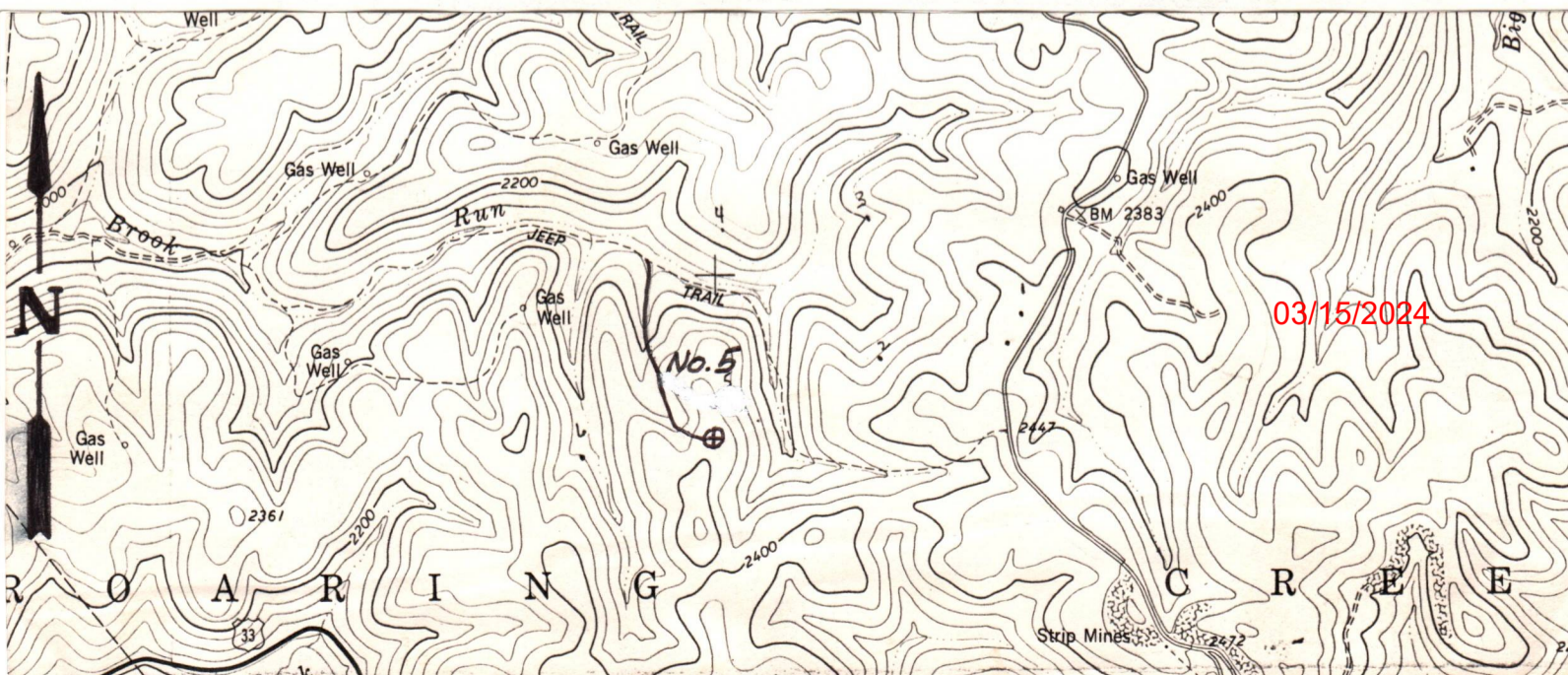
Treatment Area I (Road)		Treatment Area II (Well Site)	
Lime 2.0 <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	Lime 2.0 <u>3</u> Tons/Acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>1.5 to 2.0</u> Tons/Acre		Mulch <u>1.5 to 2.0</u> Tons/Acre	
Seed* <u>Ky 31 Tall Fescue 40</u> lbs/acre		Seed* <u>Ky 31 Tall Fescue 40</u> lbs/acre	
Ladino Clover 4 lbs/acre		Ladino Clover 4 lbs/acre	
Spring Wheat 100 lbs/acre		Spring Wheat 100 lbs/acre	
<u>Birdsfoot Dom. Eye 10</u>		<u>Birdsfoot Dom. Eye 10</u>	

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

All structures will be inspected and repaired when necessary. All commercial timber is to be cut and stacked. All brush and small timber is to be cut and removed from the site before the dirt work begins.

Attach or photocopy section of involved Topographic map. U.S.G.S. Topo Map Quadrangle Ellamore 7.5 min. (1977)

Legend: Well Site Farm: L. L. Moss County: Randolph
 Access Road District: Roaring Creek Scale: 1" = 2000'



03/15/2024

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME Kenneth E. Reese _____
 ADDRESS _____ ADDRESS 420 Buckhannon Pike, Nutter Fort, W _____
 TELEPHONE _____ TELEPHONE (304) 623-6751 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5500 _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Elk _____
 TYPE OF WELL: OIL _____ GAS X _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING:	LEFT IN WELL:	CEMENTED UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	30'	30'	Circulate
9 - 5/8			
8 - 5/8	1400'	1400'	Circulate
7			
5 1/2			
4 1/2		5400	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET _____ SALT WATER 465 FEET _____

APPROXIMATE COAL DEPTHS _____

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COI OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND C WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOI MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twent four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rece thereof.

WAIVER: I the undersigned, Agent for James J. LaRosa Coal Company, Owner or Operator of the coal un this lease have examined and place on our mine maps this proposed well location.

We the James J. LaRosa Coal Company have no objections to said well being drilled at this locati providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virgin Code.

James J. LaRosa
 For Coal Company
 President
 Official Title

03/15/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JAN 13 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner L.L. Moss
Address Rt. 1, Box 289, Elkins, WV
Mineral Owner Jim J. LaRosa
Address 420 Buckhannon Pike, Clarksburg, WV
Coal Owner Jim J. LaRosa
Address 420 Buckhannon Pike, Clarksburg, WV
Coal Operator None
Address _____

DATE January 12, 1982
Company Tyrone Energy, Inc.
Address 420 Buckhannon Pike, Clarksburg, WV
Farm L.L. Moss Acres 181 7/8
Location (waters) Brook Run
Well No. 5 (Five) Elevation 2387
District Roaring Creek County Randolph
Quadrangle Ellamore

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 9-18-82.

INSPECTOR
TO BE NOTIFIED Robert S. Stewart
ADDRESS P.O. Box 345, Jane Lew, WV 26378
PHONE 884-7782

Fred B. Burnett
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated June 10 1976 by Ruth Woods Dayton, Widow made to James Joseph LaRosa and recorded on the 24 day of January 1977, in Randolph County, Book 305 Page 629

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULA
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address _____ day _____ before, or on same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours, Kenneth E. Reue
(Sign Name) Tyrone Energy, Inc.
Well Operator

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address
of
Well Operator

420 Buckhannon Pike
Street
Nutter Fort
City or Town
WV 26301
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit re the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is app and the well operator authorized to proceed.

BLANKET BOND

47-083-0472-REN. PERMIT NUM

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Kenneth E. Reue

03/15/2024

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

RECEIVED

MAR 17 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053-0468 - 0469 - 0470 - 0471 - 0472 - 0476

Oil or Gas Well
(KIND)

Company <u>JYRove Energy</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CLARKSBURG</u>	Size			
Farm <u>L.L. NOSS -</u>	16			Kind of Packer
<u>Howes NOSS</u>	13			
Well No. <u>1-2 3-4-5-6</u>	10			Size of
District <u>POKING CREEK</u> County <u>RA. DELPH</u>	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Initial open flow	2			Perf. bottom
Open flow after tubing	Liners Used			Perf. top
Volume				Perf. bottom
Rock pressure	CASING CEMENTED	SIZE	No. FT.	Date
Oil	NAME OF SERVICE COMPANY			
Fresh water	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Salt water		FEET	INCHES	FEET
		FEET	INCHES	FEET

Copy

Drillers' Names _____

Remarks: Check locations with SAS & Co change roads to prevent undue damage will submit new plans

03/15/2024

3-15-82

Bill + Stewart



B-12

no final

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

March 23, 1982

WALTER N. MILLER
DIRECTOR

THOMAS E. HUZZEY
DEPUTY DIRECTOR

Tyrone Energy Inc.
420 Buckhannon Pike
Buckhannon, W.Va. 26301

In Re:	PERMIT NO	RAN-472-REN.
	FARM	L.L. Moss
	WELL NO	Tyrone #5
	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.

XXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Re-Issued under RAN-637)

 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.

 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/rl