



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAY 11 1981

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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 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. #3 (Three) Elevation 2172
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. This permit shall expire if
operations have not commenced by 1-14-82.

[Signature]
Deputy Director - Oil & Gas Division

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

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

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,
(Sign Name) [Signature]
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

47-083-0470

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 [Signature]

F-12

**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 Rodger Stevens _____
 ADDRESS _____ ADDRESS 420 Buckhannon Pike, Nutter Fort, WV _____
 TELEPHONE _____ TELEPHONE 304-623-6751 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5300 _____ 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	CEMENT HIT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	30'	30'	Circulate
9 - 5/8			
8 - 5/8	1300'	1300'	Circulate
7			
5 1/2			
4 1/2		5200	<u>520 Sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 45 FEET _____ SALT WATER 465 FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No _____ BY WHOM? _____

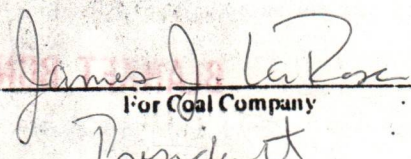
TO DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

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.
 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.

03/15/2024


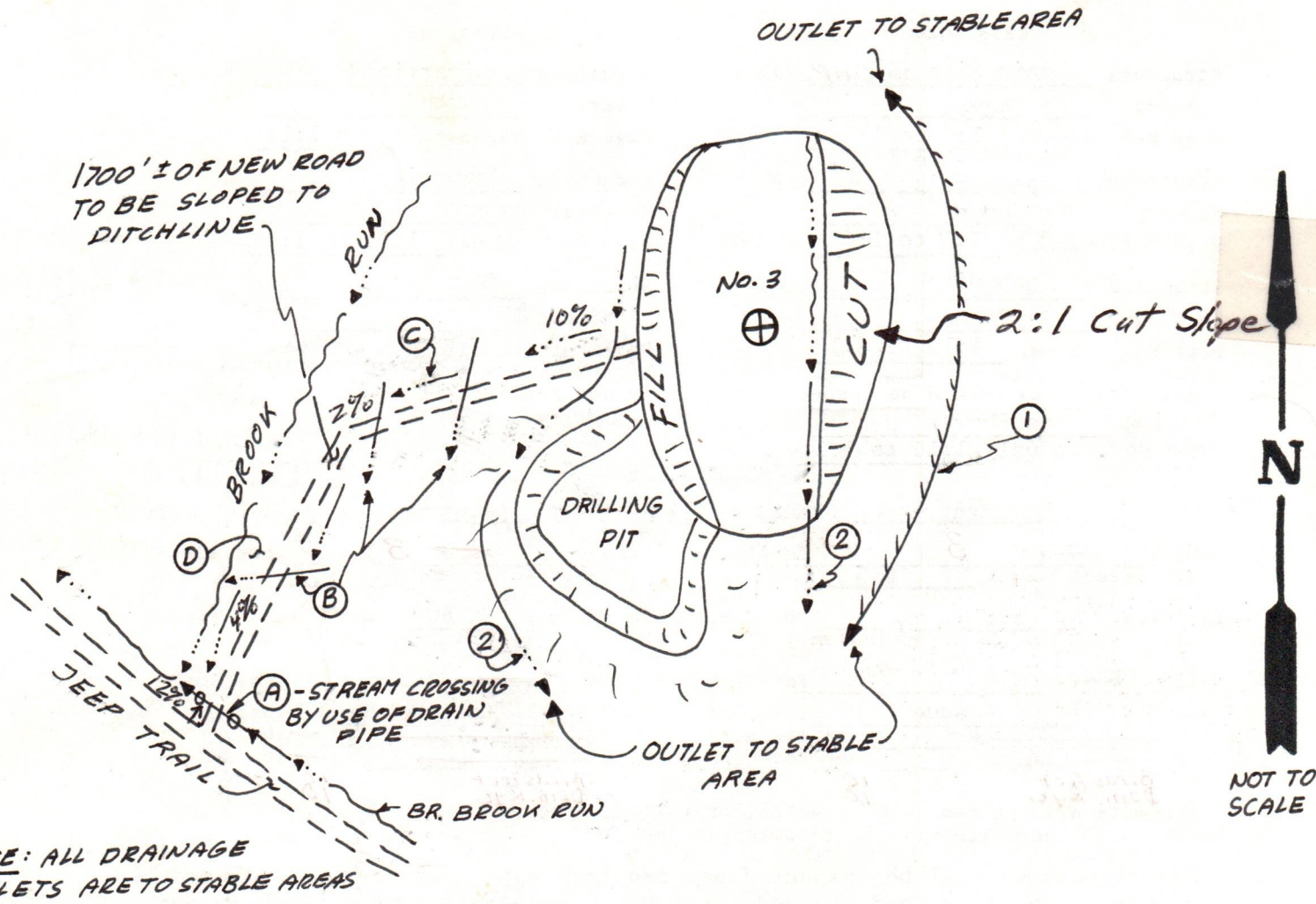
 For Coal Company
 President
 Official Title

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.



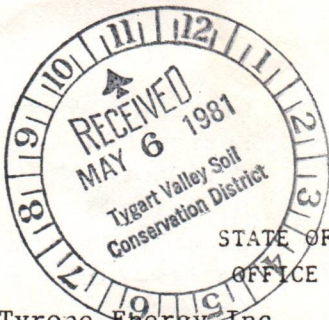
Comments: The brush and timber will be cut and removed from the road area and well site before earth work begins in accordance with applicable state regulations. As the road and well site are brought to desired grade, the erosion control structures will be installed in conjunction with these operations. 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 access road will leave an existing jeep trail and cross a branch of Brook Run. The road will run some 1700-feet to the well site.

03/15/2024

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

Roger Stevens

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



Date April 29, 19 81
 Well No. Tyrone No. 3
 API No. 47 - 083 - 0470-Rem.
 State County Permit

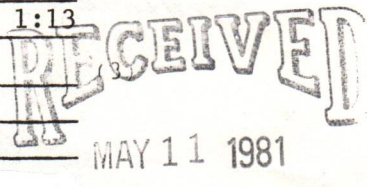
STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

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) J. L. ... (SCD Agent)

Access Road	Location
Structure <u>Drain Pipe 36" CMP</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>As Shown</u>	Material <u>Earth</u>
Page Ref. Manual <u>1:7 to 1:8</u>	Page Ref. Manual <u>1:9 to 1:11</u>
Structure <u>Ditch Relief</u>	Structure <u>Open Ditch</u> (2)
Structure <u>Cross Drain</u> (B)	Material <u>Earth</u>
Spacing <u>As Shown</u>	Page Ref. Manual <u>1:11 to 1:13</u>
Page Ref. Manual <u>1:3 to 1:6</u>	Structure _____
Structure <u>Open Ditch</u> (C)	Material _____
Spacing <u>As Shown</u>	Page Ref. Manual _____
Page Ref. Manual <u>1:11 to 1:14</u>	
Structure <u>Vegetal Retardance Area</u> (D)	
Spacing <u>As Shown</u>	
Page Ref. Manual <u>1:15 to 1:18</u>	



OIL & GAS DIVISION
DEPT. OF MINES

Revegetation

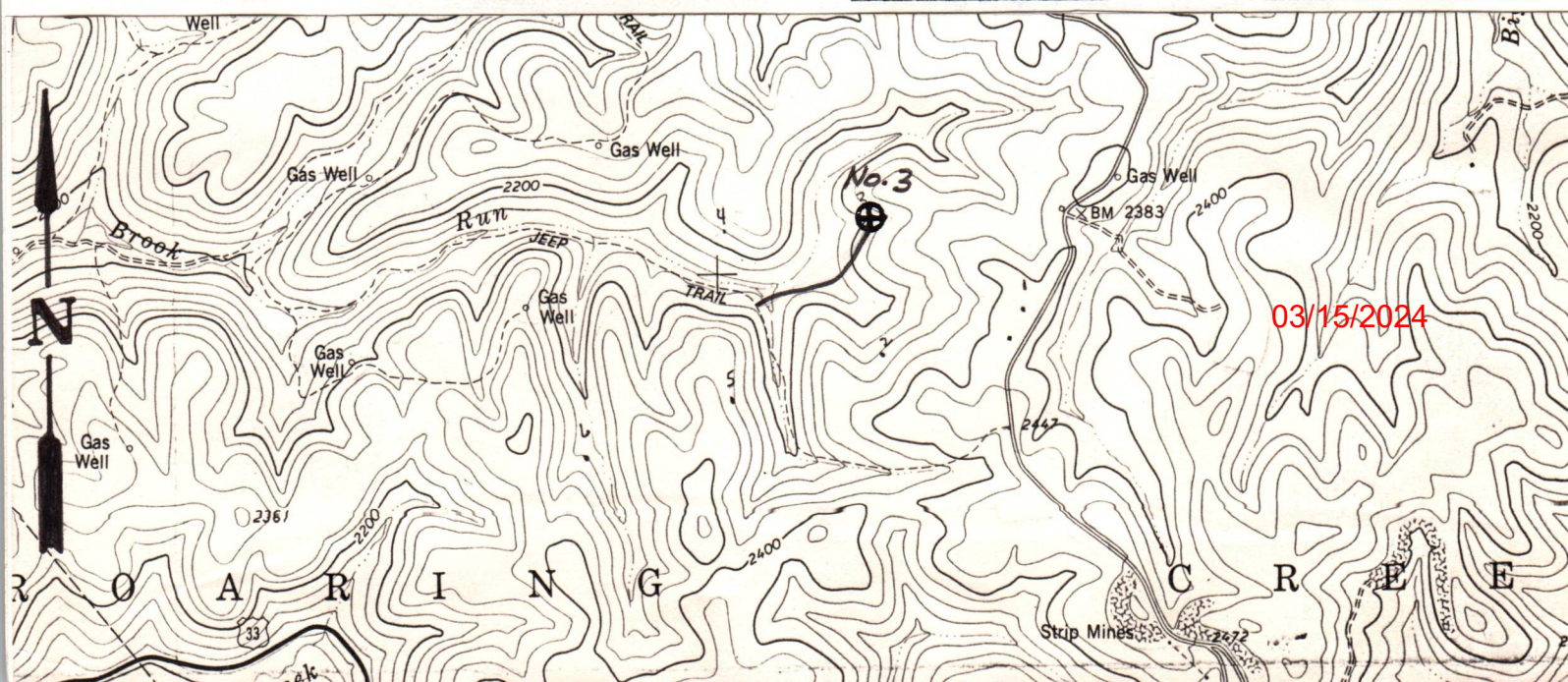
Treatment Area I (Road)	Treatment Area II (Well Site)
Lime <u>2.0</u> <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>2.0</u> <u>3</u> Tons/Acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>1.5 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
<u>Ladino Clover 4</u> lbs/acre	<u>Ladino Clover 4</u> lbs/acre
<u>Spring Wheat 100</u> lbs/acre	<u>Spring Wheat 100</u> lbs/acre
<u>Birdsfoot Dom. Rye 18</u>	<u>Birdsfoot Dom. Rye 18</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'



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, WV _____
 TELEPHONE _____ TELEPHONE (304) 623-6751 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5300 _____ 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	CEMENT III UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	30'	30'	Circulate
9 - 5/8			
8 - 5/8	1300'	1300'	Circulate
7			
5 1/2			
4 1/2		5200'	520 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 45 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.

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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 on 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 location providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

James J. LaRosa

 President
 Official Title

03/15/2024



RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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. 3 (Three) Elevation 2172
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

Fred B. Burtette
Deputy Director - Oil & Gas Division

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

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 19 76 by Ruth Woods Dayton, Widow made to James Joseph LaRosa and recorded on the 24 day of January 19 77, 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 operators 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:

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, Harold E. Reese
(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 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

47-083-0470 -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 Harold E. Reese

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. 083-0468 - 0469 - 0470 - 0471 - 0472 - 0476

Oil or Gas Well _____
(KIND)

Company JYROSE ENERGY
 Address CLARKSBURG
 Farm L.L. NOSS -
Howes NOSS
 Well No. 1-2 3-4-5-6
 District POCAHONTAS CREEK County RA. DELPH
 Drilling commenced _____
 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: CHECK LOCATIONS WITH SOS & CO CHANGE ROADS TO PREVENT UNDOE DAMAGE WILL SUBMIT NEW PLANS

03/15/2024

3-15-82

Robert Stewart



B-12
no final.

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

March 17, 1982

WALTER N. MILLER
DIRECTOR

THOMAS E. HUZZEY
DEPUTY DIRECTOR

Tyrone Energy, Inc.
420 Buckhannon Pike
Clarksburg, W.Va. 26301
Attn: James J. LaRosa

In Re: PERMIT NO RAN-470-REN.
FARM L.L. Moss
WELL NO Three
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 Permit No: RAN-633)

 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
Thomas E. Huzzey

TEH/rl