



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

9-22-80
RECEIVED

SEP 18 1980

Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

DEPT. OF MINES

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

DATE September 16, 1980

Surface Owner Strader Lamb and Arnold Lamb

Company NRM Petroleum Corporation

Address 809 Harrison Ave., Elkins, WV

Address Box 816, Buckhannon, WV 26201

Mineral Owner Lewis Heirs

Farm Lewis Acres 77 3/5

Address _____

Location (waters) Tributary to Middle Fork River

Coal Owner James J. LaRosa

Well No. 1#A Elevation 2203

Address 409 Buckhannon Pike, Clarksburg, WV

District Roaring Creek County Randolph

Coal Operator _____

Quadrangle Ellamore

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 6-23-81.

INSPECTOR TO BE NOTIFIED Robert Stewart

ADDRESS PO Box 345, Jane Lew, WV 26372

PHONE 884-7782

Frederic B. Burchette
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 August 18 1980 by GMR, INC. made to NRM Petroleum Corporation and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1960.

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:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours,

(Sign Name) *B. D. Hall*
Well Operator

PO Box 816

Street

Buckhannon,

City or Town

West Virginia 26201

State

*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.

03/22/2024

BLANKET BOND

47-083-0363

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 _____

**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 Union Drilling NAME Rickard L. Hopkins
 ADDRESS Drawer 40, Buckhannon, WV 26201 ADDRESS PO Box 816, Buckhannon, WV262
 TELEPHONE 472-4610 TELEPHONE 472-9113
 ESTIMATED DEPTH OF COMPLETED WELL: 3400 ROTARY X CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL GAS X COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1000		cement to surface
7			
5 1/2			
4 1/2	3400		125sks
3			Perf. Top
2			Perf. Bottom
LINKS			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 240', 515 FEET 729' SALT WATER FEET
 APPROXIMATE COAL DEPTHS 472-476, 519-528, 575-580, 603-607, 661-662, 726-731
 IS COAL BEING MINED IN THE AREA? 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. 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 two (2) hours in advance.

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

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

We the _____ 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.

03/22/2024

BLANKET BOND

For Coal Company

Official Title

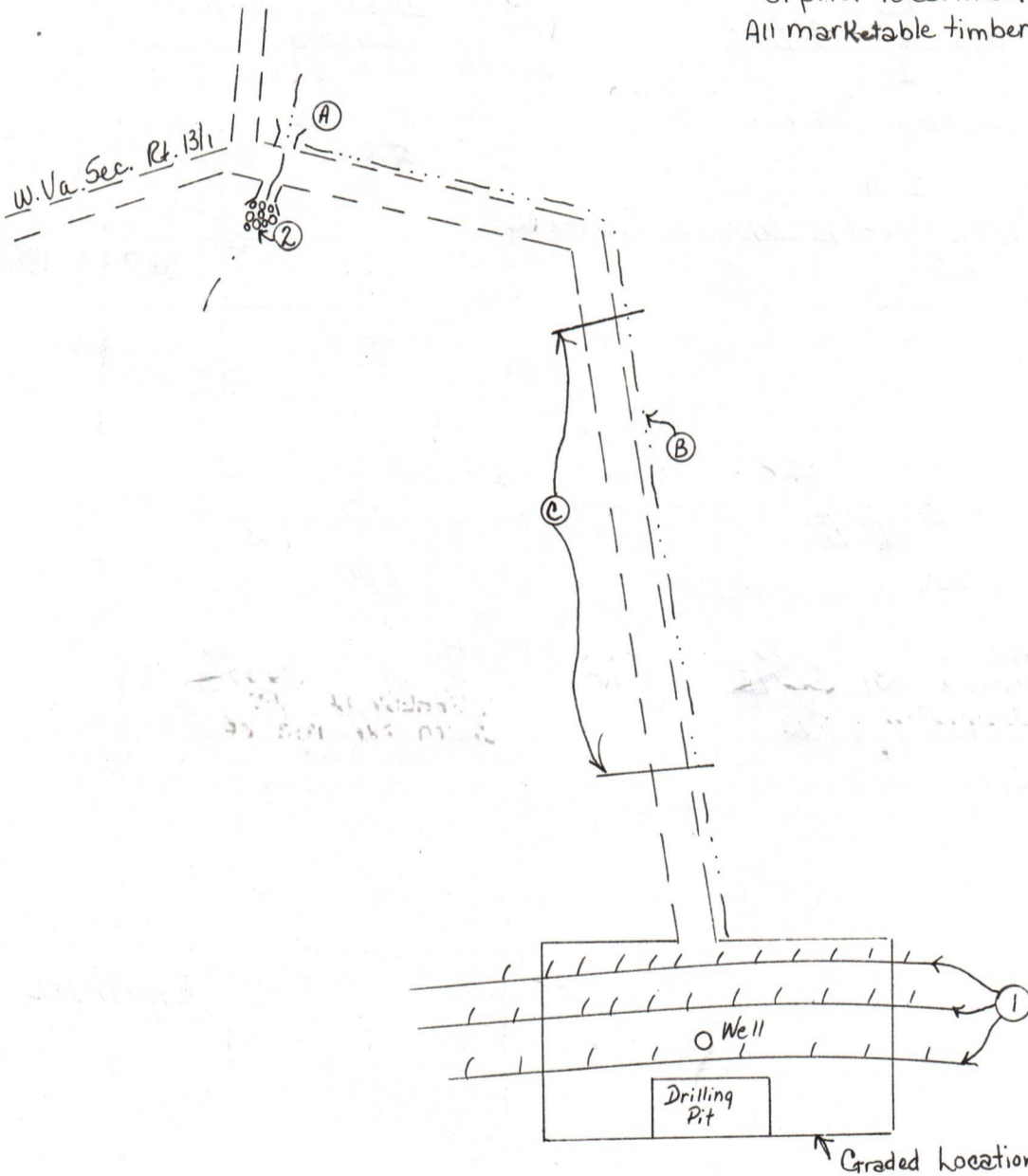
Well Site Plan

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.

Access Road to Scale 1" = 100'
All brush + debris to be cut + disposed of prior to earthwork.
All marketable timber to be cut + stacked



Comments: Site is located in woods, Access Rd slope is 7%, Seed mixture #2 to be used on critical areas. **ROADBANKS TO BE CUT ON A 2:1 SLOPE**

Signature: _____

Agent

Address

Phone Number

03/22/2024

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

Form IV
(01-80)



Date Sept. 15, 19 80
Well No. Lewis 1A
API No. 47 - 083 - 0363
State County Permit

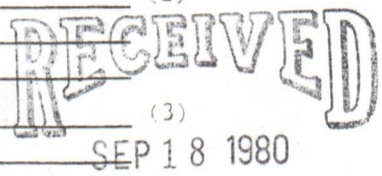
STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name NEM Petroleum Corp. Designated Agent R. L. Hopkins
Address Box 816, Buckhannon, W. Va. Address Box 816, Buckhannon, W. Va.
Telephone 472-9113 Telephone 472-9113
Landowner Strader + Arnold Lamb Soil Cons. District Tygart's Valley
Revegetation to be carried out by Homer Zirkle (Agent)

This plan has been reviewed by Tygart's Valley SC7 All corrections
and additions become a part of this plan. 9-17-1980 Junior Brief
(Date) (SCB Agent)

Access Road
Structure Culverts (A)
Spacing Min. size - 18" I.D.
Page Ref. Manual I-8
Structure Drainage Ditch (B)
Spacing
Page Ref. Manual I-11
Structure Ditch Relief Cross Drains of Culverts
Spacing 250'
Page Ref. Manual I-5

Location
Structure Diversion Ditches (1)
Material Earthen
Page Ref. Manual I-11
Structure Rip-Rap (2)
Material Rock
Page Ref. Manual
Structure (3)
Material
Page Ref. Manual



All structures should be inspected regularly and repaired if necessary. OIL & GAS DIVISION
DEPT. OF MINES

Revegetation

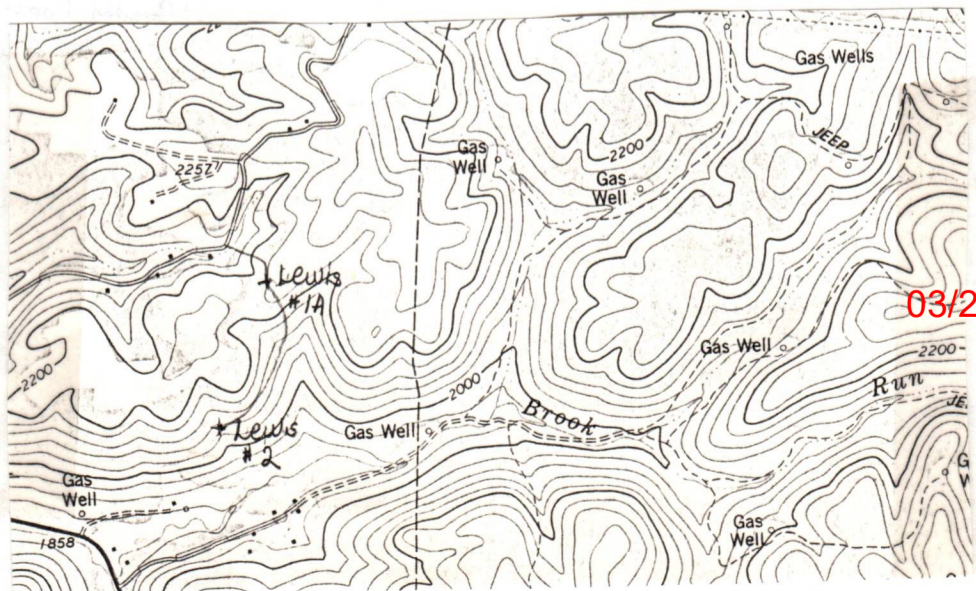
Treatment Area I
Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/Acre
Seed* Kentucky 31 30/45 lbs/acre
Bindstoot 10 lbs/acre
Domestic Rye 10 lbs/acre

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 30/45 lbs/acre
Bindstoot 10 lbs/acre
Domestic Rye 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 Ellamore

Legend: Well Site
 Access Road



Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Balltown			2818	3030	Gas Chk. @ 3006'	= 26 M
Siltstone and Shale			3030	3355		
Riley			3355	3547		
Shale			3547	3630	Gas Chk. @ 3503'	- 8 M
Benson			3630	3644		
Shale			3644	3655		
Siltstone			3655	3718		
Siltstone and Shale			3718	3847	Gas Chk. @ 3723'	- 15 M
Alexander			3847	3926		
Siltstone and Shale			3926	3988		
Elk - 1			3988	4166		
Siltstone and Shale			4166		Gas Chk. @ 4191'	- 37 M
TOTAL DEPTH				4231	Gas Chk. @ TD	- 18 M

Well Logged By Allegheny Nuclear Surveys

Initial Open Flow - 18 Mcf/Day

Benson Perforations - 12 holes, 3632-37
 Benson Frac - Breakdown 2900#, average pressure 2000#, average rate 24.5 BPM, total fluid 453 bbl., shut-in pressure 1050#
 10,000# of 80/100 sand and 40,000# of 20/40 sand.

5th and Bayard Perforations - 12 holes, 1876-2090
 5th and Bayard Frac - Breakdown 1700#, average pressure 1800#, average rate 38.5 BPM, total fluid 424 bbl., shut-in pressure 1000#
 10,000# of 80/100 sand and 40,000# of 20/40 sand.

03/22/2024

Date Nov. 12 1980

APPROVED NRM Petroleum Corporation Owner

By John C. Moore Gen. Supt.
 (Title)



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NOV 13 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Union Drilling
Rig #8
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Ellamore 7 1/2

Permit No. 47-083-0363

Company NRM Petroleum Corporation
Address P.O. Box 816, Buckhannon, WV 26201
Farm Lewis Acres 77 3/5
Location (waters) Tributary to Middle Fork River
Well No. #1-A Elev. 2203'
District Roaring Creek County Randolph
The surface of tract is owned in fee by _____
S. & A. Lamb
Address 809 Harrison Ave., Elkins, WV
Mineral rights are owned by _____
Address _____
Drilling Commenced 10-14-80
Drilling Completed 10-19-80
Initial open flow 18 M cu. ft. _____ bbls.
Final production 335 cu. ft. per day _____ bbls.
Well open 3 hrs. before test 675 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20-16 11 3/4	20'	-	
9 5/8			
8 5/8	860.70	860.70	230 Sks.
7			
5 1/2			
4 1/2	-	4188'	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Alexander Perforations - 14 holes 3897-4136

Alexander Frac - Breakdown 1900#, average pressure 2375#, average rate 34.3 BPM, total fluid 446 bbl. shut-in pressure 1200#

10,000# of 80/100 sand and 40,000# of 20/40 sand

Coal was encountered at 197' Feet _____ Inches
Fresh water 14', 30' Feet _____ Salt Water _____ Feet _____
Producing Sand Alexander, 5th and Bayard, Benson Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill			0	2		
Sand and Shale			2	5		
Sand			5	197		Water @ 14' - Hole Damp
Coal			197	200		Water @ 30' - 1/2" Stream
Sand			200	270		
Sand and Shale			270	606		
Sand			606	697		
Sand and Shale			697	1010		
Little Lime			1010	1025		
Shale			1025	1079		
Big Lime			1079	1185		
Big Injun			1185	1303		
Gantz			1303	1372		
Sand and Shale			1372	1627		
Gordon			1627	1775		
Shale			1775	1784		
Fourth Sand			1784	1847		
Shale			1847	1864		
Fifth Sand			1864	1989		
Siltstone and Shale			1989	2053		Gas Chk. @ 2000' - 15 M
Bayard			2053	2097		
Siltstone and Shale			2097	2818		Gas Chk. @ 2504' - 26 M

03/22/2024

(over)

* Indicates Electric Log tops in the remarks section

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

RECEIVED
OCT 16 1980

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

Permit No. 883-0363

Oil or Gas Well GAS
(KIND)

Company <u>NRN Petroleum</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>Buckhannon</u>	Size			
Firm <u>STRADER-LAMB</u>	16			Kind of Packer
Well No. <u>1-A</u>	13			
District <u>ROARING CREEK</u> County <u>RAUDOLPH</u>	10			Size of
Drilling commenced <u>10-14-80</u>	8 1/4			
Drilling completed _____ Total depth _____	6 1/4			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 _____ bbla., 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 DRIG Rig-8

Remarks: Move Rig SPUD

10-14-80

03/22/2024
Robert Stewart

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Well No. _____

COMPANY _____ ADDRESS _____

DISTRICT _____ COUNTY _____

Plugging Material Used _____

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

Inspector's Name: _____

Signature: _____

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

03/22/2024

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

RECEIVED

MAR 3 1981

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

Permit No. 083-0363

Oil or Gas Well GAS
KIND

Company <u>NRM Petroleum</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>BUCK HANNON</u>	Size			
Farm <u>STRADER = LAN B</u>	16			Kind of Packer
Well No. <u>1-A</u>	13			
District <u>BOARING CREEK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>10-14-80</u>	8 1/4			Depth set
Drilling completed _____ Total depth _____	6 1/4			
Date shot _____ Depth of shot _____	5 3/16			Perf top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf top
Volume _____ Cu Ft.	Liners Used			Perf bottom
Rock pressure _____ lbs. _____ hrs.				
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:
CHECK WATER & ROAD COMPLAINT OF FARMER
DNR ALSO CHECKED
MOVED DOZER & BACK HOE TO CORRECT

3-28-81

DATE

Robert Stewart

03/22/2024

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

INSPECTOR'S WELL REPORT

Permit No. 083-0363

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>VRM Petroleum</u>	Size			
<u>Buck Hannon</u>	16			Kind of Packer
<u>Lewis - Lamb</u>	13			
<u>1-A</u>	10			Size of
<u>Roaring Creek</u> County <u>Randolph</u>	8 1/4			
<u>10-14-80</u>	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	_____ FEET _____ INCHES	_____ FEET _____ INCHES	

Drillers' Names _____

Remarks: O.K. To Release

RECEIVED

OCT 5 - 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

10-1-81
DATE

Robert Stewart 03/22/2024 511
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

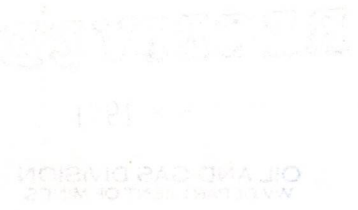
FARM _____ DISTRICT _____ COUNTY _____

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: _____



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

03/22/2024

DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

January 26, 1982

NRM Petroleum Corporation
Box 816
Buckhannon, West Virginia 26201

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 NO.</u>	<u>DISTRICT</u>
→ RAN-0363	Strader & Arnold Lamb/Lewis Hrs. 1#A	Roaring Creek
RAN-0364	Frank Shreve, #Lewis ##2	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,

Fred Burdette

1.0 API well number: (If not available, leave blank. 14 digits)	<u>47-083-0363</u>						
2.0 Type of determination being sought (Use the codes found on the front of this form!)	103 Section of NGPA	Category Code <u>EU 1 1 102</u>					
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet						
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name <u>NRM PETROLEUM CORP.</u> <u>P. O. BOX 816</u> Street <u>BUCKHANNON, W. VA. 26201</u> City _____ State _____ Zip Code _____		Seller Code <u>013849</u>				
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Name <u>ELLAMORE</u> <u>Randolph</u> County _____ State <u>WV</u>		State _____				
(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.)	<u>Lewis "A" #1</u>						
(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.)	Name <u>Columbia Gas Transmission Corp.</u> Name _____		Code Number <u>004030</u> Code Number _____				
(b) Date of the contract:	_____ 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.)	<u>2.346</u>	<u>.235</u>	_____	<u>2.581</u>			
9.0 Person responsible for this application	Name <u>R. L. Hopkins</u> Name _____		Title <u>V-PRES</u> Title _____				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center; font-weight: bold;">Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency DEC 17 1980</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency DEC 17 1980	Date Received by FERC	Signature _____ Date Application is Completed _____		Phone Number <u>304-472-9113</u> Phone Number _____	
Agency Use Only							
Date Received by Juris. Agency DEC 17 1980							
Date Received by FERC							

03/22/2024

PARTICIPANTS:

DATE: MAY 6 1981

BUYER-SELLER CODE

WELL OPERATOR: NRM Petroleum Corp.

013849

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER: _____

check map 1500'

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
80-12-17 - 103-083 = 0363
 Use Above File Number on all Communications
 Relating to Determination of this Well

Localities F. Haggerty

✓ OK NLA

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO. _____
1. FERC -121 Items not completed - Line No. All 7.0, 8.0 c
 2. IV-1 Agent Richard L. Hopkins
 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 _____
 - (3) Date commenced: 10-14-80 Date completed 10-19-80 Deepened
 - (3) Production Depth: 3897-4136, 1876-2090, 3632-37
 - (5) Production Formation: Alexander, 5th Bayard, Benson
 - (5) Final Open Flow: 335 mcf
 - (5) After Frac. R. P. 675# 3 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. 03/22/2024 YES
 - Additional information _____ Does computer program confirm? _____
 - Is Determination Objected to _____ By Whom? _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS

Date 12-17 80
Operator's Name LEWIS "A" #1
Well No. 083 0363

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MGS Section 103

DESIGNATED AGENT Rickard L. Hopkins
ADDRESS Rt. 1 Box 107-D
Buckhannon, WV 26201

WELL OPERATOR NRM PETROLEUM CORP.
ADDRESS P. O. BOX 816
BUCKHANNON, W. VA. 26201
GAS PURCHASER Columbia Gas Transmission
ADDRESS P. O. Box 1273
Charleston, WV 25325

LOCATION Elevation 2203
Watershed Tributary To Middle Fork River
BOARING CREEK Randolph ELLAMORE
Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

Date surface drilling was begun 10-14-80

Indicate bottom hole pressure of the well and explain how it was calculated:

Bottom hole pressure 1480.85
Calculated by multiplying the total depth by .35 lb/ft.

AFFIDAVIT

R.L. Hopkins

having been first sworn according to the state constitution, I, the undersigned, do hereby certify that the well for which this determination is sought was begun on or after February 19, 1980, the well satisfies applicable state or federal well spacing requirements and the well is not in an existing operation unit, in existence at the time surface drilling began, which was approved for the recovery of gas or which gas is or will be produced and which applied to any other well producing or capable of producing gas in commercial quantities. I state, further, that I have concluded this determination on the basis of the information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

STATE OF WEST VIRGINIA,
COUNTY OF Randolph, TO WIT:

I, Glenda Martz, a Notary Public in and for the state and county therein named, do hereby certify that R.L. Hopkins, whose name is signed to the writing above, bearing date the 17 day of DEC., 19 80 has acknowledged the same before me, in my county and state, given under my hand and official seal this 17 day of Dec, 19 80.
My term of office expires on the 31 day of JAN., 19 89.

Glenda Martz
Notary Public

03/22/2024