



RECEIVED

OCT 30 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

17

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

DATE 10-25-78

Surface Owner James Montgomery

Company NRM Petroleum Corporation

Address Linn, WV

Address P.O. Box 816 Buckhannon, WV

Mineral Owner Minerva Stump et. al.

Farm M. Stump Acres 255

Address Glenville, WV 26351

Location (waters) Ellis Run

Coal Owner Elwood D. Fulton

Well No. # 1 Elevation 920

Address Unknown

District Glenville County Gilmer

Coal Operator None

Quadrangle Gilmer

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 3-7-79.

INSPECTOR TO BE NOTIFIED Paul Goodnight

ADDRESS Smithville, WV

PHONE 477-2455

Robert L. Hopkins
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 July 11 1921 by Minerva and others made to Consolidated Gas and recorded on the 15 day of Oct. 1921, in Gilmer County, Book 97 Page 433

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:

Very truly yours, *R. L. Hopkins*
(Sign Name) Well Operator

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

Address of Well Operator
P.O. 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 date 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 and the well operator authorized to proceed.

"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

GIL-3409 PERMIT NUMBER

47-021

BLANKET BOND

**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 Union Drilling Company NAME Rick Hopkins
 ADDRESS Buckhannon, WV 26201 ADDRESS P.O. Box 816 Buckhannon
 TELEPHONE 472-4610 TELEPHONE 472-9113
 ESTIMATED DEPTH OF COMPLETED WELL: 5050 ROTARY CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL GAS COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	500	500	Cement to surface
7			
5 1/2			
4 1/2		5050	350 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ 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.

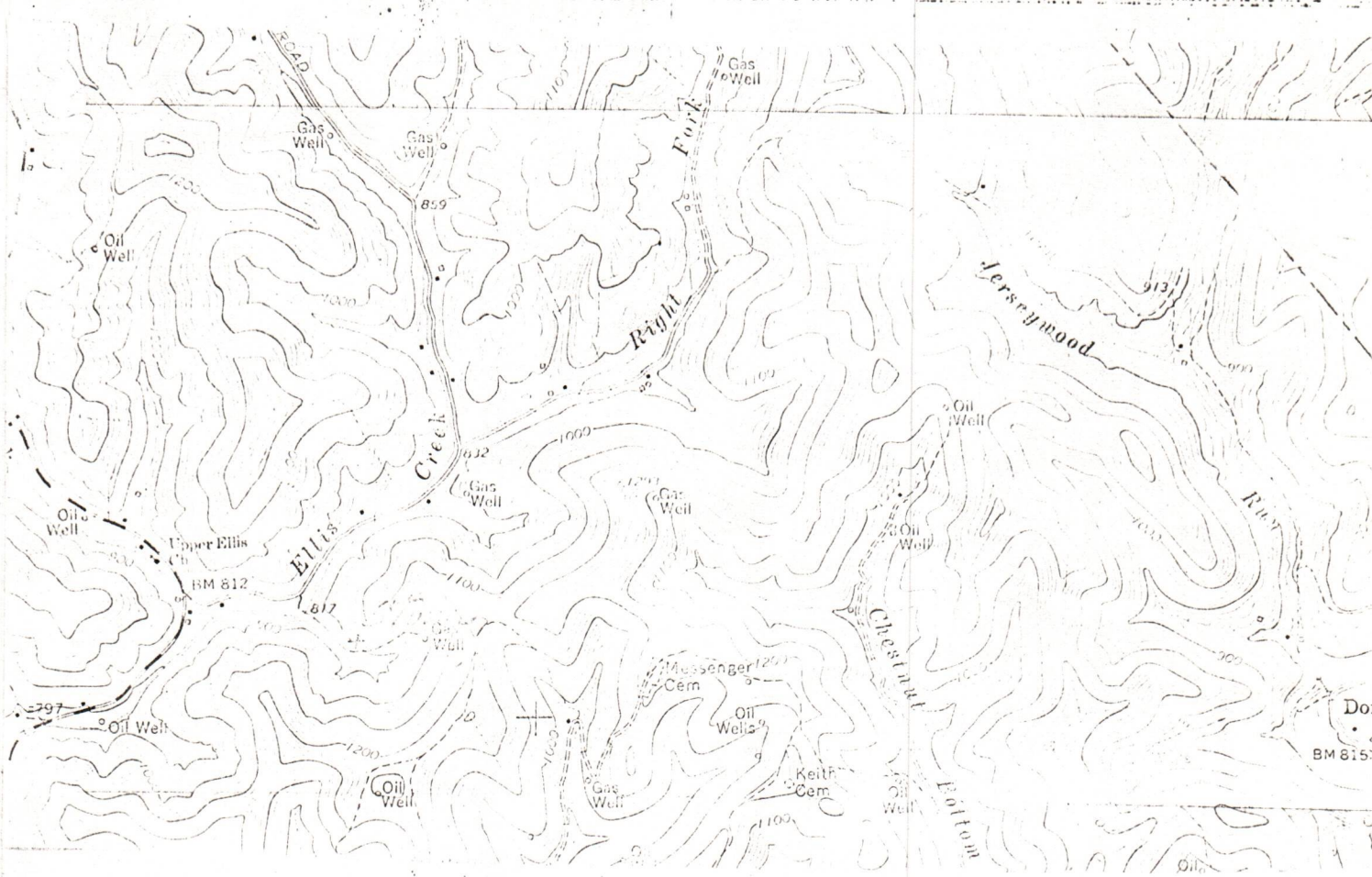
WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ 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. 10/06/2023

For Coal Company

Official Title

locate and show (1) Well Location (2) Access Road, (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



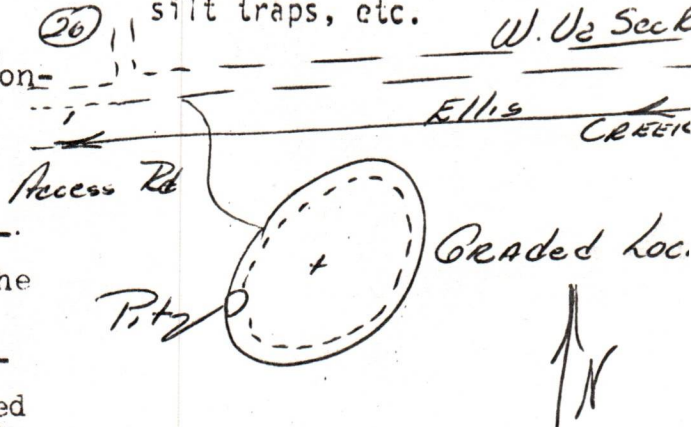
COMPANY NAME NRM PETROLEUM CORPORATION PERMIT NO. Gil-3409

FARM M. STUMP DISTRICT GLENVILLE COUNTY GILMER

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all road locations, ditches, drains, pits, silt traps, etc. *W. Va. Seck*

The access Road will leave W. Va. Secondary Rt. 28 and go in a SE direction to the proposed location with adequate culverts installed as needed. The graded location will be ditched (---) with sediment dispersants placed at the edge of the cut. The pit will be placed to the SW edge of the location in solid cut. Suitable sealing will be installed if required due to soil conditions, to retain the pit fluid. All marketable timber will be salvaged. The nearest water well or dwelling is more than 300 feet away from the well location. Upon completion the location and pit will be reclaimed allowing only the necessary area to operate and maintain the well. The cut area will be seeded, fertilized, and mulched as needed.



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This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

OIL & GAS DIVISION
DEPT. OF MINES

Please indicate () "YES" if the district engineer was present. **10/06/2023**

"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."

Submitted By: R. L. Hopkins Title V. Pres. Date 10-27-78



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

Union Drilling Corp.
Rig #6

WELL RECORD 18

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

Quadrangle Gilmer

Permit No. Gil - 3409

Company <u>NRM Petroleum Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 816, Buckhannon, W. Va. 26201</u>	Size			
Farm <u>M. Stump</u> Acres <u>255</u>	20-16			
Location (waters) <u>Ellis Run</u>	Cond.			
Well No. <u>1</u> Elev. <u>920</u>	13-10"			
District <u>Glenville</u> County <u>Gilmer</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	512	512	
<u>James Montgomery</u>	7			
Address <u>Linn, W. Va.</u>	5 1/2			
Mineral rights are owned by <u>M. Stump</u>	4 1/2		4761	130 sks. Dow.
<u>Address Glenville, W. Va. 26351</u>	3			
Drilling Commenced <u>12-6-78</u>	2			
Drilling Completed <u>12-12-78</u>	Liners Used			
Initial open flow <u>60M</u> cu. ft. _____ bbls.				
Final production <u>822 M</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test <u>1600# RP.</u>				

Well treatment details:

Attach copy of cementing record.

Waterfrac Benson with 500 gal. HCl, 10,000# 80/100, 45000# 20/40 in 643 bbl. Dowell
Bd. 1300# ATP.1800# ISI 1000# AIR. 35 BPM

Coal was encountered at 298 - 304 Feet _____ Inches _____
Fresh water 305' Feet _____ Salt Water 1830' Feet _____
Producing Sand Benson Depth 4667 - 4685
Holes 10

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No record			0	100		
Shale			100	298		
Coal			298	304		
Sand & Shale			304	391		
Red Rock			391	422		
Sand, Shale, Red Rock			422	535		
Sand			535	824		
Sand & Shale			824	1040		
Sand			1040	1130		
Shale			1130	1160		
Sand			1160	1205		
Sand & Shale			1205	1400		
Sand			1400	1500		
Sand & Shale			1500	1600		
Sand			1600	1630		
Shale			1630	1675		
Sandy Shale			1675	1770		
Sand			1770	1800		
Little Lime			1800	1815		
Sandy Shale			1815	1873		
Big Lime			1873	1935		
Big Injun			1935	2000		
Sandy Shale			2000	2020	Gas chk. 2000'	No show
Weir			2020	2185		
Shale			2185	2240		

10/06/2023

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet 1/8	Bottom Feet	Oil, Gas or Water	* Remarks
Sandy Shale			2240	2370		
Shale			2370	2440		
Sand & Shale			2440	2730		
Shale			2730	2765		
Sandy Shale			2765	3070		
Warren			3070	3110		
Shale			3110	3125		
Sand & Shale			3125	3280		
Sandy Shale			3280	3320		
Sand & Shale			3320	3355		
Sandy Shale			3355	3445		
Sand & Shale			3445	3475		
Sandy Shale			3475	3615		
Shale			3615	3625		
Sandy Shale			3625	3720		
Shale			3720	3815		
Sand & Shale			3815	3940		
Shale			3940	3955		
Sand & Shale			3955	4200		
Sandy Shale			4200	4280		
Sand & Shale			4280	4350		
Shale			4350	4450		
Riley			4450	4540		
Sandy Shale			4540	4630		
Shale			4630	4650		
Sandy Shale			4650	4663		
Benson			4663	4690		
Sand & Shale			4690	4740		
Sandy Shale			4740	4765		
Sand			4765	4780		
Sand & Shale			4780	5010		
Cedar Creek			5010	5130		
Shaley Sand			5130	5180		
TOTAL DEPTH				5180		
Well Logged by Allegheny Nuclear Surveys				Gamma - Density - Temperature - Induction		
Initial open flow		60 M				

10/06/2023

Date 1-31 19 79

APPROVED E. Lewis Owner

By Drilling Superintendent
(Title)

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

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

Permit No. 611-3409

Oil or Gas Well _____
(KIND)

Company <u>N.R.M. Petroleum Corp</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>M. Stump</u>	16			Kind of Packer _____
Well No. <u>(1)</u>	13			
District <u>Glenville</u> County <u>Gilmer</u>	10			Size of _____
Drilling commenced <u>12-6-78</u>	8 1/4 <u>8 3/8</u>		<u>512</u>	Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
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.	CASING CEMENTED <u>8 3/8</u> SIZE <u>512</u> No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	<u>Rem to Surface 180 SKS</u>			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>225</u> FEET <u>60</u> INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Hepler - T.P.

Leah - Union Drilling Co. Rotary - Air

Remarks:

W.O.C 8 3/8 Csg

12-7-78
DATE

[Signature] 505
DISTRICT WELL INSPECTOR

10/06/2023

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

DISTRICT WELL INSPECTOR
 10/06/2023

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 611-3409

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>W R M Petroleum Co</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>M. Stamp</u>	13			
Well No. <u>(1)</u>	10			Size of _____
District <u>Glennville</u> County <u>Calmer</u>	8 1/4 <u>8 3/8</u>		<u>512</u>	
Drilling commenced <u>12-6-78</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>8 3/8</u> SIZE <u>512</u> No. FT. _____ Date _____ <u>from to Surface 180 515</u>			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Dowell</u>			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>225</u> FEET <u>60</u> INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Heater T.P

Leak - Union Drilling Co. Inc Rotary - Air
Remarks:

Qty - 4350

12-11-78
DATE

[Signature]
DISTRICT WELL INSPECTOR

10/06/2023

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

DISTRICT WELL INSPECTOR
 10/06/2023



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DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1986

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 28, 1984

COMPANY NRM Petroleum Corporation

PERMIT NO 021-3409 (10-07-78)

P. O. Box 816

FARM & WELL NO M. Stump #1

Buckhannon, West Virginia 26201

DIST. & COUNTY Glenville/Gilmer

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *D. W. Mace*

DATE *1-4-86*

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. v. B.
Administrator-Oil & Gas Division

January 16, 1986
DATE

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1988

10/06/2023

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p style="font-size: 1.2em; margin: 0;">17-021-3409</p>							
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p style="font-size: 1.2em; margin: 0;">103</p> <p style="font-size: 0.8em; margin: 0;">Section of NGPA</p>		<p style="font-size: 1.2em; margin: 0;">----</p> <p style="font-size: 0.8em; margin: 0;">Category Code</p>					
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p style="font-size: 1.2em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">feet</p>							
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p style="font-size: 1.1em; margin: 0;">NRM Petroleum Corporation</p> <p style="font-size: 0.8em; margin: 0;">Name</p> <p style="font-size: 1.1em; margin: 0;">P.O. Box 816</p> <p style="font-size: 0.8em; margin: 0;">Street</p> <p style="font-size: 1.1em; margin: 0;">Buckhannon, WV 26201</p> <p style="font-size: 0.8em; margin: 0;">City State Zip Code</p>		<p style="font-size: 1.2em; margin: 0;">013849</p> <p style="font-size: 0.8em; margin: 0;">Seller Code</p>					
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p style="font-size: 1.1em; margin: 0;">Glenville</p> <p style="font-size: 0.8em; margin: 0;">Field Name</p> <p style="font-size: 1.1em; margin: 0;">Wilmer</p> <p style="font-size: 0.8em; margin: 0;">County</p> <p style="font-size: 1.1em; margin: 0;">WV</p> <p style="font-size: 0.8em; margin: 0;">State</p>		<p style="font-size: 1.2em; margin: 0;">WV</p> <p style="font-size: 0.8em; margin: 0;">State</p>					
<p>(b) For OCS wells</p>	<p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">Area Name</p> <p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">Block Number</p>		<p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">Date of Lease</p> <p style="font-size: 0.8em; margin: 0;">Mo. Day Yr.</p> <p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">OCS Lease Number</p>					
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p style="font-size: 1.5em; margin: 0;">4m. Stump # 1</p>							
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p style="font-size: 1.1em; margin: 0;">_____</p>							
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p style="font-size: 1.1em; margin: 0;">Consolidated Gas Supply Corporation</p> <p style="font-size: 0.8em; margin: 0;">Name</p>		<p style="font-size: 1.2em; margin: 0;">004228</p> <p style="font-size: 0.8em; margin: 0;">Buyer Code</p>					
<p>(b) Date of the contract:</p>	<p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">Mo. Day Yr.</p>							
<p>(c) Estimated annual production:</p>	<p style="font-size: 1.1em; margin: 0;">_____</p> <p style="font-size: 0.8em; margin: 0;">MMcf.</p>							
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>	<p style="font-size: 1.1em; margin: 0;">2.006</p> <p style="font-size: 0.8em; margin: 0;">(a) Base Price (\$/MMBTU)</p>	<p style="font-size: 1.1em; margin: 0;">.200</p> <p style="font-size: 0.8em; margin: 0;">(b) Tax</p>	<p style="font-size: 1.1em; margin: 0;">-----</p> <p style="font-size: 0.8em; margin: 0;">(c) All Other Prices [Indicate (+) or (-).]</p>	<p style="font-size: 1.1em; margin: 0;">2.206</p> <p style="font-size: 0.8em; margin: 0;">(d) Total of (a), (b) and (c)</p>				
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>	<p style="font-size: 1.1em; margin: 0;">2.006</p>	<p style="font-size: 1.1em; margin: 0;">.200</p>	<p style="font-size: 1.1em; margin: 0;">-----</p>	<p style="font-size: 1.1em; margin: 0;">2.206</p>				
<p>9.0 Person responsible for this application</p>	<p style="font-size: 1.1em; margin: 0;">Rickard L. Hopkins</p> <p style="font-size: 0.8em; margin: 0;">Name</p> <p style="font-size: 1.1em; margin: 0;">Vice-President</p> <p style="font-size: 0.8em; margin: 0;">Title</p> <p style="font-size: 1.5em; margin: 0;">Richard L. Hopkins</p> <p style="font-size: 0.8em; margin: 0;">Signature</p> <p style="font-size: 1.1em; margin: 0;">3-12-79</p> <p style="font-size: 0.8em; margin: 0;">Date Application is Completed</p> <p style="font-size: 1.1em; margin: 0;">(304) 472-9113</p> <p style="font-size: 0.8em; margin: 0;">Phone Number</p>							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="font-size: 0.8em; padding: 2px;">Agency Use Only</td> </tr> <tr> <td style="font-size: 0.8em; padding: 2px;">Date Received by Juris, Agency</td> </tr> <tr> <td style="font-size: 1.2em; text-align: center; padding: 5px;">MAR 26 1979</td> </tr> <tr> <td style="font-size: 0.8em; padding: 2px;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris, Agency	MAR 26 1979	Date Received by FERC				
Agency Use Only								
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10/06/2023

PARTICIPANTS:

DATE:

JUL 26 1979

BUYER-SELLER ()

WELL OPERATOR: NRM Petroleum Corp.

013849

FIRST PURCHASER: Consolidated Gas Supply Corp.

004228

OTHER: _____

*Qualifies Section 103, new onshore production well.
R. L. Ladd*

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

190326-103-021-3409

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

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent Rickard 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 0 years
- 8 IV-40- 90 day Production 0 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 _____
Date commenced: 12-6-78
(5) Date Completed: 12-12-78 Deepened _____
(5) Production Depth: 4667-4685'
(5) Production Formation: BENSON
(5) Final OPEN FLOW: 822 MCFD
(5) After Static R.P. Initially: FRAC: 1600#
(6) Other Gas Test: [scribble]
(7) Avg. Daily Gas from Annual Production: no production
(8) Avg. Daily Gas from 90-day ending w/1-120 days: no production
(8) Line Pressure: _____ PSIG from Daily Report _____
(5) Oil Production: _____ From Completion Report _____
(10-17) Does lease inventory indicate enhanced recovery being done: NO 10/06/2023
(10-17) Is affidavit signed? Notarized?

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

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

D.T.

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

Date March 9 19 79

Operator's Well No M. Stump # 1
API Well No 47 - 021 - 3409
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

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

WELL OPERATOR NRM Petroleum Corporation LOCATION Elevation 920'
ADDRESS P.O. Box 816 Watershed Alice Run
Buckhannon, WV 26201 Dist. Glenville County Hilmer Quad Hilmer

GAS PURCHASER Consolidated Gas Co. Gas Purchase Contract No: _____
ADDRESS 445 West Main Street Meter Chart Code _____
Clarksburg, WV 26301 Date of Contract _____

Date surface drilling was begun 12-6-78

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

Bottom hole pressure 1813 psi.
Calculated by multiplying the total depth by .35 lb./ft.

AFFIDAVIT

I, Rickard L. Hopkins, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977, the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my 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.

R. L. Hopkins

STATE OF WEST VIRGINIA,

COUNTY OF Upshure, TO WIT:

I, Blenda Mast, a Notary Public in and for the state and county aforesaid, do certify that R. L. Hopkins, whose name is signed to the writing above, bearing date the 12 day of March, 19 79 has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 12 day of March, 19 79.

My term of office expires on the 31 day of January, 19 81

[NOTARIAL SEAL]

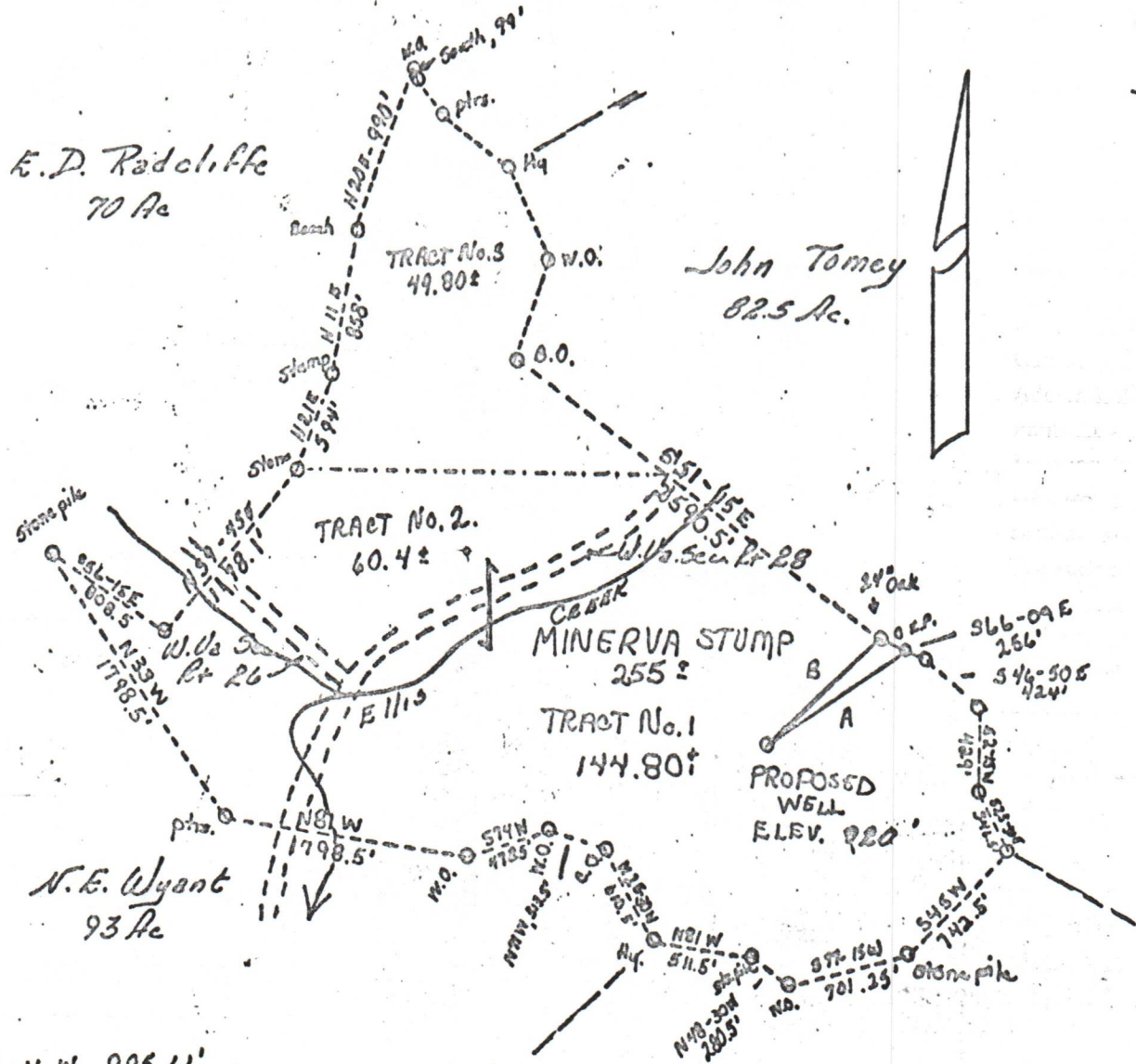
Blenda Mast
Notary Public

10/06/2023

Latitude 39° 00'

Longitude 80° 42' 30"

14,300'



- 1. S56-16W, 995.61'
- 2. N46-45E, 866.44'
- 3. S66-09E, 169.51'

A.S. Jones
8 Ac.

Minimum Error of Closure 1' in 200
 Source of Elevation Sat Rts 33 & 5, 740'
USGS Glenville Topographic Quadrangle
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
Marie W. Shelton

Company NRM Petroleum Corp.
 Address P.O. Box 190, Glenville, W. Va.
Minerva Stump
 Acres 2.55 Lease No. _____
 (Farm) No. _____ Serial No. _____
 Elevation (Spirit Level) 920'
 Township Gilmer
 County Gilmer District Glenville
 Surveyor Wayne D. Norton
 Surveyor's Registration No. 624
 Date Oct. 5, 1978 Drawing No. _____
 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-021-3409 10/06/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.