



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 18 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

R

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

DATE 10-10-77

Surface Owner Johnie B. Wilfong
Address Sand Fork, WV
Mineral Owner N.E. Wiant
Address _____
Coal Owner N.E. Wiant
Address _____
Coal Operator _____
Address _____

Company NRM Petroleum Corporation
Address P.O. Box 190, Glenville, WV 26351
Farm Johnie B. Wilfong Acres 114
Location (waters) Ellis Run
Well No. Campbell #2 Elevation 1040'
District Glenville County Gilmer
Quadrangle Gilmer-7.5 min.

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 2-18-78.

INSPECTOR
TO BE NOTIFIED K. Paul Goodnight
ADDRESS Smithville, WV 26178
PHONE 477-2544

[Signature]

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 8-31-77 19 77 by R & S Gas Company made to NRM Petroleum Corporation and recorded on the 9th day of Sept. 1977, in Gilmer County, Book 292 Page 135

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:

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)

[Signature]
NRM Petroleum Corporation

Well Operator

P.O. Box 190

Street

Glenville

City or Town

West Virginia 26351

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.

BLANKET BOND

Gil - 2932 PERMIT NUMBER

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

Signed by

[Signature]

47-021

**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 Richard L. Hopkins _____
 ADDRESS _____ ADDRESS P.O. Box 190, Glenville, WV 26351 _____
 TELEPHONE _____ TELEPHONE 1-304-462-7916 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4700' _____ 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	550'	550'	Cement to Surface
7			
5 1/2			
4 1/2	4700'		100 sbs
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 550 FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS 550' _____

IS COAL BEING MINED IN THE AREA? Stripped 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.

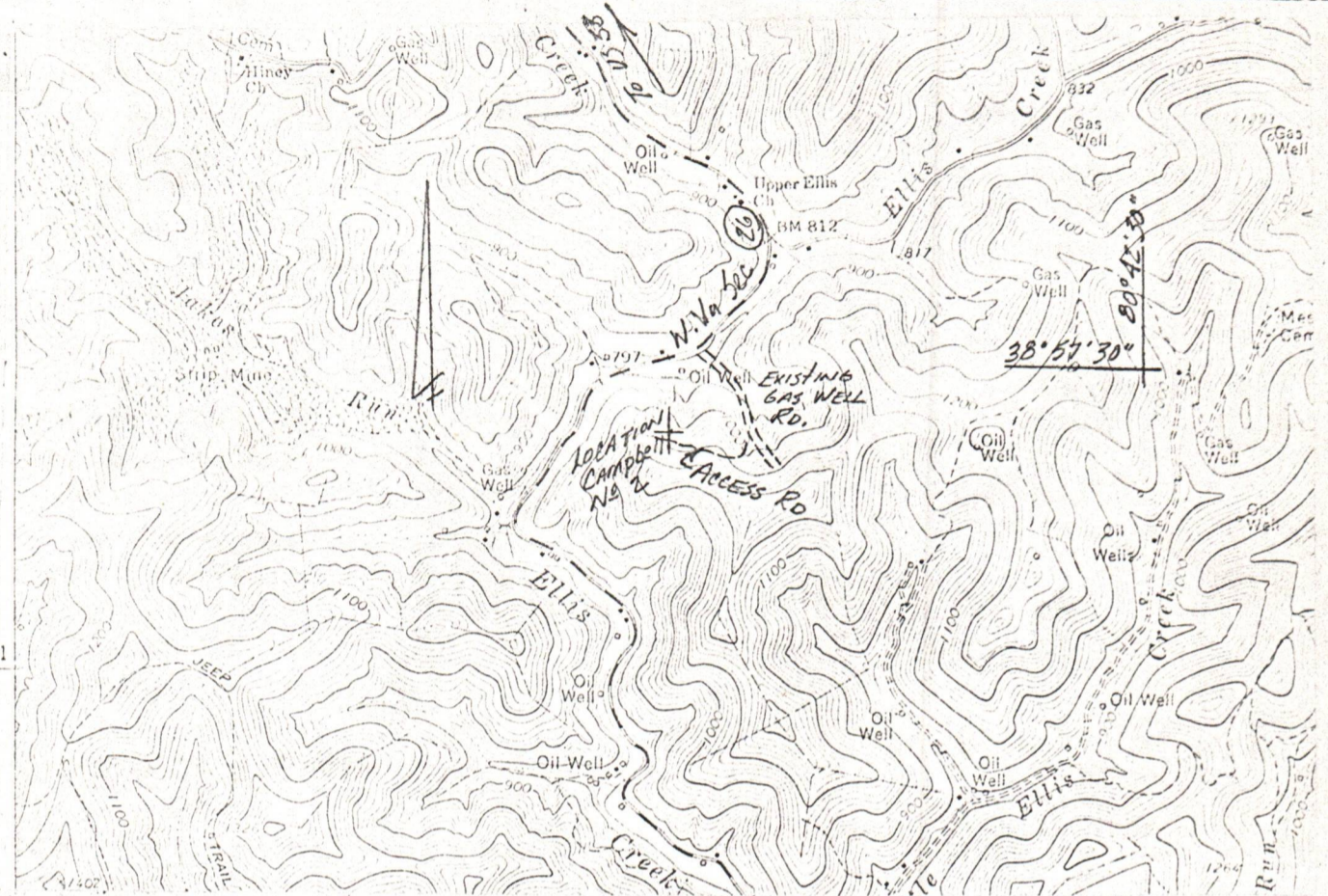
WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

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.

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 CORP.

PERMIT NO. Gil-2932

FARM JOHNNIE B. WILFONG

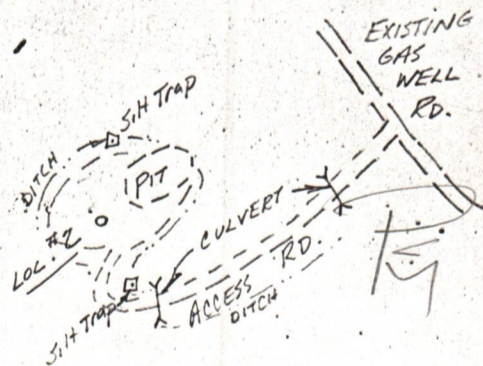
DISTRICT GLENVILLE

COUNTY GILMER

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

The proposed location No. 2 lies at elevation 1040, 800 feet south of West Virginia Secondary 26. The access road will leave Route 26 and follow an existing gas well road approximately 1200 feet to about the same elevation as the location. It will leave the existing gas well road and continue to the location, a distance of about 1000 feet. Culverts will be placed along the road to prevent erosion and control runoff. The graded location will be ditched and silt traps constructed to control silt from washing into the regions below. The pit will be constructed north east of the location to adequately contain all fluids and provide proper retention. Upon completion the drilling pit, location and all disturbed areas will be reclaimed by seeding, fertilizing and mulching, allowing only the necessary area for the operation and maintenance of the well.



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

Please indicate () "YES" if the district inspector was present.

"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. P. Hopkins Title V-Pres. Date 10-10-77

file

RECEIVED

OCT 18 1977

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Gilmer 7.5'
Quadrangle Burnsville 15'
Permit No. Gil-2932

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

Company NRM Petroleum Corporation
Address Box 190, Glenville, W. Va. 26351
Farm Campbell Acres 114
Location (waters) Ellis Creek
Well No. 2 Elev. 1050 EKB
District Glenville County Gilmer
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 2-12-78
Drilling Completed 2-17-78
Initial open flow NEG cu. ft. _____ bbls.
Final production 1061M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 1700# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	557	557	150 sks.
7			
5 1/2			
4 1/2	--	4736	150 sks.
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
3-6-78 Waterfrac w/ 400 gal. HCL. 15,000# 80/100. 50,000# 20/40 in 885 bbl. wat.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet Salt Water 1769' Feet _____
Producing Sand Benson Depth 4676-4696 15 holes

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Sand			5	185		
Sand & Shale			185	362		
Red Rock & Shale			362	392		
Sand			392	430		
Sand & Shale			430	558		
Shale			558	627		
Red Rock, Sand, Shale			627	645		
Sand & Shale			645	685		
Shale			685	706		
Sand & Shale			706	1134		
Sand			1134	1260		
Sand & Shale			1260	1420		
Sand			1420	1574		
Shale & Sand			1574	1816		Water 1/2" stream 1769'
Lime			1816	1844		
Blue Monday			1844	1870		
Big Lime			1870	1914		
Injun			1914	2044		
Shale & Sand			2044	2063		
Weir			2063	2192		
Shale & Siltstone			2192	4674		
Benson			4674	4700		Gas Check 3011' - no show
Shale & Siltstone			4700	--		
Total Depth				4880		Driller
			(over)	4824		Log

* Indicates Electric Log tops in the remarks section. FOF = NEG.

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

RECEIVED

FEB 22 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Col-2932

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>Johnie B. Wilfong</u>	16			
Well No. <u># 2</u>	13			
District <u>Glenville</u> County <u>Gilmer</u>	10			Size of _____
Drilling commenced <u>2-12-78</u>	8 1/4 <u>8 5/8</u>		<u>555</u>	
Drilling completed _____ Total depth _____	6 5/8			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 _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>555</u> No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	<u>Run to Surface 150 SKS</u>			
Salt water <u>1769</u> feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Simons

Remarks: Coth - Union Drilling Co - Rotary - Air

Daly 2000'

2-15-78
DATE

B. B. Goodnight - 505
DISTRICT WELL INSPECTOR



DEPARTMENT OF ENERGY
OIL AND GAS

MAY 14 1986

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 1, 1984

(10-18-77)

COMPANY N.R.M. Petroleum Corporation
P. O. Box 816
Buckhannon, West Virginia 26201

PERMIT NO 021-2932
FARM & WELL NO J.B. Wilfong, Campbell #2
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 Strenght	_____	_____
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 Craig Duckworth
DATE 5/8/86

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. Abbott
Administrator-Oil & Gas Division

May 16, 1986

DATE

0001 3 2 VAN

[Handwritten signature]

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: MAY 16, 1979

BUYER-SELLER CODE

WELL OPERATOR: URM Petroleum Corp

013849

FIRST PURCHASER: Consolidated Gas Supply Corp

004228

OTHER: _____

O.K. Qualifies under Sec 103 N.C.P.A
Debra [Signature]

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

790222-103-021-2932

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 _____
- 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? NW 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 _____
- (5) Date Commenced 2-12-78
Date Completed: 2-17-78 Deepened _____
- (5) Production Depth: 4676-4696
- (5) Production Formation: BENSON
- (5) Initial Potential: NEG. FOF 1061M
- (5) Static R.P. Initially: 1700#
- (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: NW From Completion Report _____
- (10-17) Does lease inventory indicate enhanced recovery being done: NW
- (10-17) Is affidavit signed? Notarized?

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

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____



State of Virginia

Office of Oil and Gas

Charleston 25305

DESIGNATED AGENT <i>Wyn Petroleum Corp.</i>		PURCHASER <i>Consolidated Gas Supply</i>		FILING DATE		NGPA SEC.	CO. CODE	PERMIT NO.
PURCHASER IDENTIFICATION NUMBER <i>Rich Hopkins</i>		OPERATOR'S WELL NAME OR NUMBER <i>Campbell #2</i>		YR	MO	DA		
CONTRACT NO. <u>4000</u>		PERC CONTROL NUMBER <u>79-7358</u>		7	9	0	2	2
METER CHART <u>7969</u>		DATE OF ISSUE <u>5-16-79</u>						
		EFFECTIVE DATE <u>7-23-79</u>						

BY THE AUTHORITY INVESTED IN ME BY THE STATE OF WEST VIRGINIA, I HEREBY CERTIFY THIS WELL TO HAVE

MET THE REQUIREMENTS OF CHAPTER 22, ARTICLE 4, SECTION 1 a (11) OF THE WEST VIRGINIA CODE OF 1931, AS

AMENDED AND THE NATURAL GAS POLICY ACT OF 1978, TO BE CERTIFIED AS A 103 SECTION Production Well

THIS CERTIFICATE IS ISSUED AS AN ORIGINAL AND IS SUBJECT TO SURRENDER UPON LAWFUL DEMAND BY THIS AGENCY.

ROBERT E. DODD
ADMINISTRATOR
OFFICE OF OIL AND GAS

Robert E. Dodd

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

Date Feb 13 1979
Operator's Well No Campbell #2
API Well No. 47 State 021 County 2932 Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Rickard L. Hopkins
ADDRESS P.O. Box 107-D
Buckhannon, WV

WELL OPERATOR NRM Petroleum Corp.
ADDRESS P.O. Box 816
Buckhannon, WV

LOCATION: Elevation 1050'
Watershed Ellis
Dist. Glenville County Gilmer Quad. Gilmer 4.5 min.

GAS PURCHASER Consolidated Gas
ADDRESS 445 West Main Street
Clarksburg, WV 26101

Gas Purchase Contract No. 4000
Meter Chart Code 1969
Date of Contract 8-3-78

* * * * *

Date surface drilling was begun: 2-13-78

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

Bottom hole pressure 1808.1 psi.
Calculated by multiplying the total depth by .35lb./ft.

AFFIDAVIT

I, Rickard 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 Upshur, TO WIT:

I, Norma Jean Layfield, 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 the 13th day of February, 19 79, has acknowledged the same before me, in my county aforesaid Given under my hand and official seal this 13th day of February, 19 79. My term of office expires on the 25th day of April, 19 85.

[NOTARIAL SEAL]

Norma Jean Layfield
Notary Public

RECEIVED
AUG 5 1980
FEDERAL GAS DIVISION
MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-021-293200						
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	Category Code					
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.)	NRM Petroleum Corporation			013849 Seller Code			
	Name P.O. Box 816						
	Street Buckhannon, WV 26201						
	City		State	Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	GLENNVILLE						
	Field Name	Gilmer					
(b) For OCS wells:	Area Name		Block Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	Campbell # 2						
(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.)	Consolidated Gas Supply Corp			004228 Buyer Code			
	Name						
(b) Date of the contract:	08, 03, 78 Mo. Day Yr.						
(c) Estimated annual production:	16,261 MMcft						
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-))	(d) Total of (a), (b) and (c)			
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	2.680	0.268	---	2.948			
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	---	---	---	---			
9.0 Person responsible for this application	R. L. Hopkins						
	Name		V-Pres				
	Signature R. L. Hopkins						
	Date Application is Completed July 31 1980		Phone Number 304/472-9113				
<table border="1"> <tr> <td>Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency Aug 5 1980</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>					Agency Use Only	Date Received by Juris. Agency Aug 5 1980	Date Received by FERC
Agency Use Only							
Date Received by Juris. Agency Aug 5 1980							
Date Received by FERC							

WELL DETERMINATION REPORT

DATE: JAN 15 1981

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: NRM Petroleum Corp. 013849

FIRST PURCHASER: Consolidated Gas Supply Corp 004228

OTHER: _____

W.Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

800805.108.021.2932

Qualifies J. H. Huggins

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 R. 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 46 Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production 1 years
- 8. IV-40 90 day Production 92 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 _____ 1:4000Map _____ Well Tabulations _____
Gas Analyses _____

- (5) Date commenced: 2/12/78 Date completed 2/17/78 Deepened _____
- (5) Production Depth: 4676/96
- (5) Production Formation: Benson
- (5) Final Open-Flow: 1061 mcf/d
- (5) After Free. R.P.: 1700 #
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: ~~9138/300~~ ~~241/100~~ 3278 = 26.3 MCF No Oil
- (8) Avg. Daily Gas from 90-day ending w/1 - 120 days ~~1084/12~~ ~~41.8/100~~ 2359 = 25.6 MCF No Oil
- (8) Line Pressure: NA PSIG from Daily Report _____
- (5) Oil Production: No 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? ye
- Additional Information Affidavit Does computer program confirm? _____

1.0 API well number: (If not available, leave blank. 14 digits.)	47-021-2472										
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA T Category <u>UPPER</u>										
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	FEB 26 1981										
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="text-align: right; font-weight: bold; font-size: small;">OIL & GAS DIVISION DEPT. OF MINES Selling Office</div> Name <u>NRM PETROLEUM CORP.</u> Street <u>P. O. BOX 816</u> City <u>BUCKHANNON, W. VA. 26201</u> State _____ Zip Code _____										
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name <u>GREENVILLE</u> County <u>Lincoln Co.</u> State <u>WV</u>										
(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>Campbell # 2</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>Consolidated Gas Supply</u> Buyer Code <u>004228</u>										
(b) Date of the contract:	<u>08.03.78</u> Mo. Day Yr.										
(c) Estimated annual production:	<u>8412</u> MMBbl										
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;"></th> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices (Indicate + or -)</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center; padding: 5px;">2.888</td> <td style="text-align: center; padding: 5px;">.289</td> <td style="text-align: center; padding: 5px;">-----</td> <td style="text-align: center; padding: 5px;">3.177</td> </tr> </tbody> </table>		(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.)	2.888	.289	-----	3.177
	(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.)	2.888	.289	-----	3.177							
9.0 Person responsible for this application:	Name <u>Richard L. Hopkins</u> Title <u>U-PRES.</u> Signature <u>[Signature]</u> Date Application is Completed <u>02-23-81</u> Phone Number <u>304-472-9113</u>										
Agency Use Only Date Received by Juris. Agency <u>FEB 26 1981</u> Date Received by FERC											

PARTICIPANTS:

DATE: JUN 24 1981

BUYER-SELLER CODE

WELL OPERATOR: W M Petroleum Corp.

FIRST PURCHASER: Consolidated Gas Supply

OTHER: _____

004228

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
81 02 26 - 108 - 021 = 2932
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies J. H. Murray

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No.
- 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 2 years
- 8. IV-40 90 day Production 92 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
- (5) Date commenced: 2-12-78 Date completed 2-17-78 Deepened
- (5) Production Depth: 4676 - 96
- (5) Production Formation: Benson
- (5) Final Open Flow: 1061 mcf.
- (5) After Frac. R. P. 1700
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production ⁸⁴¹² 366/2252 = 22.98 mcf.
- (8) Avg. Daily Gas from 90-day ending w/1-120 days ⁹² 92/2252 = 24.5 mcf.
- (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? yes
- Additional information Does computer program confirm?
- Was Determination Objected to By Whom?

98

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

Date 2-23-81
Operator's Well No. Campbell # 2
API Well No. 021-2932
State WV County Gilmer Section 7.5

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

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

WELL OPERATOR NRM Petroleum Corp.
ADDRESS Box 816
Buckhannon, WV 26201

LOCATION: Elevation 1050'
Watershed ELLIS
Dist Glennville County Gilmer Gilmer 7.5
Gas Purchase Contract No. 4000
Meter Chart Code 7969
Date of Contract 08-03-78

GAS PURCHASER Consolidated Gas Supply
ADDRESS 445 West Main St.
Clarksburg, WV 26301

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the period of 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary)

- Well head
- Gate Valve
- Well head choke
- Oil & Gas Separator
- 100 bbl. storage tank
- Positive Displacement Meter
- Vapor Drip

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

- Consolidated Gas Co. monthly run statements. Clarksburg, WV
- Hays and Co. monthly dispersing statements. Spencer, WV
- B & O Tax Returns

Describe the search made of any records listed above:

Production taken from monthly statements provided by Hays and Co., (NRM Dispersing Agent), Spencer, WV. These statements are on file in our Buckhannon office.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes ___ No ___. If yes, indicate the type and source of the information.

AFFIDAVIT

I, Rickard L. Hopkins having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

T

Rickard L. Hopkins

STATE OF WEST VIRGINIA,

COUNTY OF Upshur . TO WIT:

I, Sharon J. Stout a Notary Public in and for the state and county aforesaid, do certify that Rickard L. Hopkins whose name is signed to the writing above, bearing date the 18th day of February, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18th day of February, 1981.

My term of office expires on the 8th day of September, 1985.

Sharon J. Stout
Notary Public

[NOTARIAL SEAL]

IV-39-WC

Campbell # 2

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

REPORT DATE

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

OPERATOR NEM PETROLEUM CORPORATION

YEAR 19 29

API	FARM	COUNTY	AVG. FLOW PRESSURE	SHIFT-IN PRESSURE	TOTALS
GAS MCF	2595	22	754	2495	16261
OIL BRL	0	F-0	M-0	N-124.51	0
DAYS ON LINE	9	28	30	30	31
YEAR 19 30					278

API	FARM	COUNTY	AVG. FLOW PRESSURE	SHIFT-IN PRESSURE	TOTALS
GAS MCF	795	1159	636	577	8412
OIL BRL	0	F-0	M-0	A-0	0
DAYS ON LINE	31	29	30	30	31
YEAR 19 30					366

SUMMARIZATION SCHEDULE
Section 271. 304 (b)

In accordance with Section 271.304 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

R. Harris (Field, Smith Run)
47-041-2156

90 da.

100000



This drawing is a plan view of the structure shown above. It shows the layout of the various components and their relative positions. The drawing is enclosed in a rectangular border.

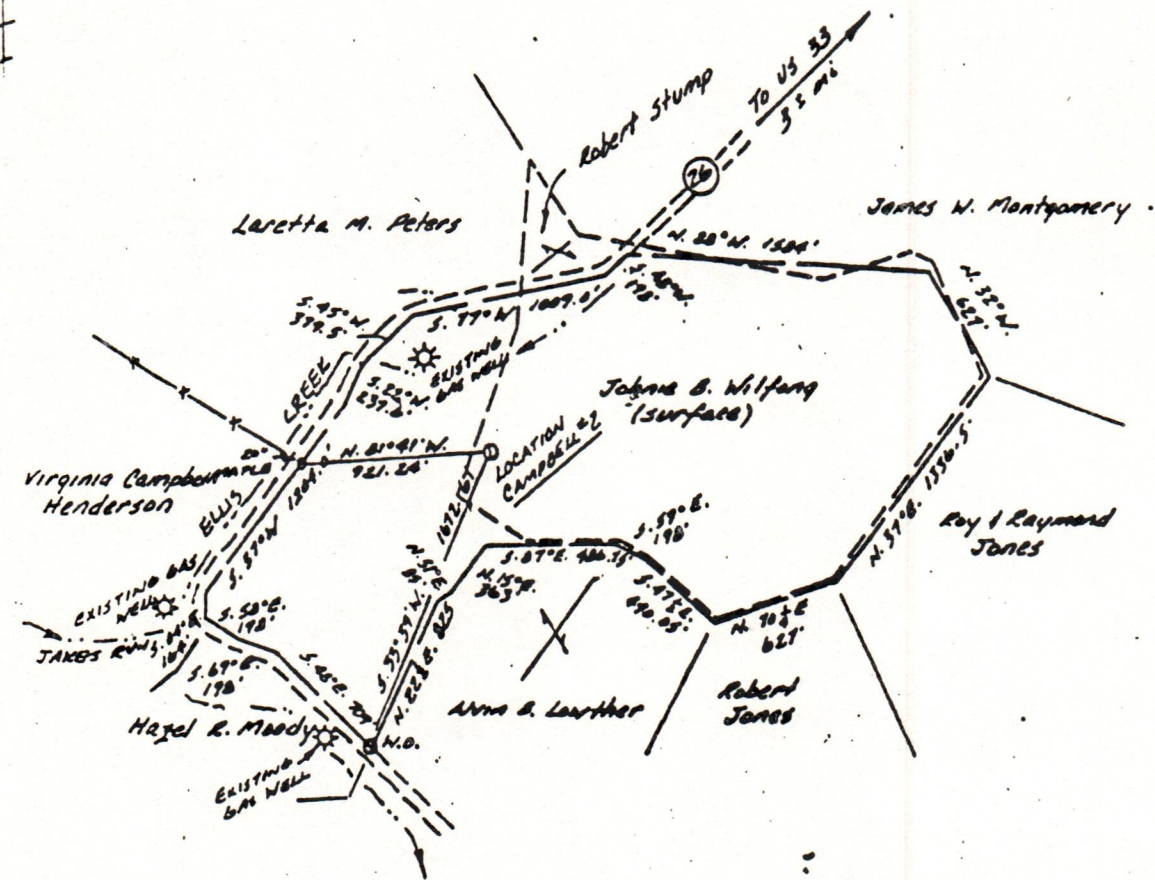
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
1
2
3
4
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40
41
42
43
44
45
46
47
48
49
50

Campbell

Latitude 38° 57' 30"

Topo
7.5 Min
Series

Longitude 80° 42' 30"



—— Boundary Desc. From 263/46
- - - - Lease Desc. From 26/201

New Location
Drill Deeper
Abandonment

Minimum Error of Closure 1 in 200
Source of Elevation SPOT ELEV. ON WEST HEADWALL CONC. BRIDGE,
800 ±' NORTHWEST OF LOCATION, ELEV. 977.0

"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." *Rexford L. Ostrander*

Company	NRM PETROLEUM CORP.	
Address	PO Box 190 GLENNVILLE, WEST VIRGINIA 26351	
Farm	JOHNNIE S. WILFONG	
Tract	1	Acres 114 Lease No. _____
Well (Farm) No.	CAMPBELL #2	Serial No. _____
Elevation (Spirit Level)	1040'	
Quadrangle	GILMER - 7.5 Min.	
County	GILMER	District GLENNVILLE
Engineer	REXFORD L. OSTRANDER, L.L.S.	
Engineer's Registration No.	L.L.S. No. 555	
File No.	186.02	Drawing No. NRM-5
Date	OCTOBER 5, 1977	Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. 0212932

+ 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.

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

Date July 31 1980
Operator's Well No. Campbell #2
API Well No. 47 - 021 - 2932
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT Rickard L. Hopkins

ADDRESS Rt#1 Box 107-D
Buckhannon, WV 26201

WELL OPERATOR NRM Petroleum Corp.

ADDRESS Box 816
Buckhannon, WV 26201

GAS PURCHASER Consolidated Gas

ADDRESS 445 West Main Street
Clarksburg, WV 26301

LOCATION: Elevation 1050'
Watershed Ellis
Dist Glennville County Gilmer Quad Gilmer 7.5
Gas Purchase Contract No. 4000
Meter Chart Code 7969
Date of Contract 8-3-78

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

- Well head
- Gate Valve
- Well head choke
- Oil & Gas Separator
- 100 bbl. storage tank
- Positive Displacement Meter
- Vapor Drip

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

- Consolidated Gas Co. monthly run statements. Clarksburg, WV
- Hays and Co. monthly statements. Spencer, WV
- B & O Tax Return

Describe the search made of any records listed above:

Production taken from monthly statements provided by Hays and Co., (NRM Dispersing Agent), Spencer, WV. These statements are on file in our Buckhannon Office.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . If yes, indicate the type and source of the information

AFFIDAVIT

I, Rickard L. Hopkins having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

R.L. Hopkins

STATE OF WEST VIRGINIA,

COUNTY OF Upshur, TO WIT:

I, Glenda Martz, 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 31 day of July, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 31 day of July, 1980.

My term of office expires on the 31 day of JAN, 1989.

Glenda Martz
Notary Public

[NOTARIAL SEAL]

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

REPORT DATE

5-14-81

YEAR 1980

OPERATOR *NRH Petroleum Corporation*

API 2932

FARM *Campbell #2* COUNTY *Lincoln*

AVG. FLOW PRESSURE

SHIFT-IN PRESSURE

TOTALS

GAS MCF

1159

636

577

634

1196

741

422

0

456

1547

661

249

GAS

8228

OIL, BBL

0

0

0

0

0

0

0

0

0

0

0

0

0

OIL

0

DAYS ON LINE

31

29

31

30

31

30

31

11

0

30

30

31

OIL

315

YEAR 19__

API FARM

COUNTY

AVG. FLOW PRESSURE

SHIFT-IN PRESSURE

TOTALS

GAS MCF

OIL, BBL

DAYS ON LINE

J-

F-

M-

A-

M-

J-

J-

A-

S-

0-

N-

D-

OIL

GAS

SUMMARIZATION SCHEDULE
Section 271.804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

RECEIVED
MAY 18 1981

OIL & GAS DIVISION
DEPT. OF MINES