



HO 4/25/80

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 25 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

DATE April 24, 1980

Surface Owner Costal Lumber Company Company NRM Petroleum Corporation
 Address Pioneer Div. P. O. Box 8, Dailey, WV Address P. O. Box 816, Buckhannon, WV
 Mineral Owner J. M. Huber Corporation Farm Koon-Huber Acres 494.24
 Address P. O. Box 1319, Maryville, TN Location (waters) Middle Fork River
 Coal Owner Cardinal Sewell Mining Company Well No. #4 Elevation 2360'
 Address C/O Graf Bank Ohio Plaza District Middle Fork County Randolph
 Coal Operator 155 E. Broad Street Quadrangle Cassity
 Address Columbus, Ohio 43265

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 1-9-81.

Robert Stewart

Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Robert 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 April 2 19 79 by J. M. Huber Corporation made to Union Drilling Company and recorded on the 28 day of March 1980, in Upshur County, Book 287 Page 76

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) Bill Hall
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 receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator, after meeting 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

47-083-0336 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 _____

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 Rickard L. Hopkins
 ADDRESS Drawer 40, Buckhannon, WV 26201 ADDRESS P. O. Box 816, Buckhannon, WV 26201
 TELEPHONE 472-4610 TELEPHONE 472-9113
 ESTIMATED DEPTH OF COMPLETED WELL: 5200 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Elk
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	650	650	Cement to surface
7			
5 1/2			
4 1/2		5200	125 sx
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 350 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 560 - 563
 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.

 For Coal Company

 Official Title

03/22/2024

Operator's Well No. Koon-Huber #4
API Well No. 47 - 083 - 336
State County Permit

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

RECLAMATION PLAN

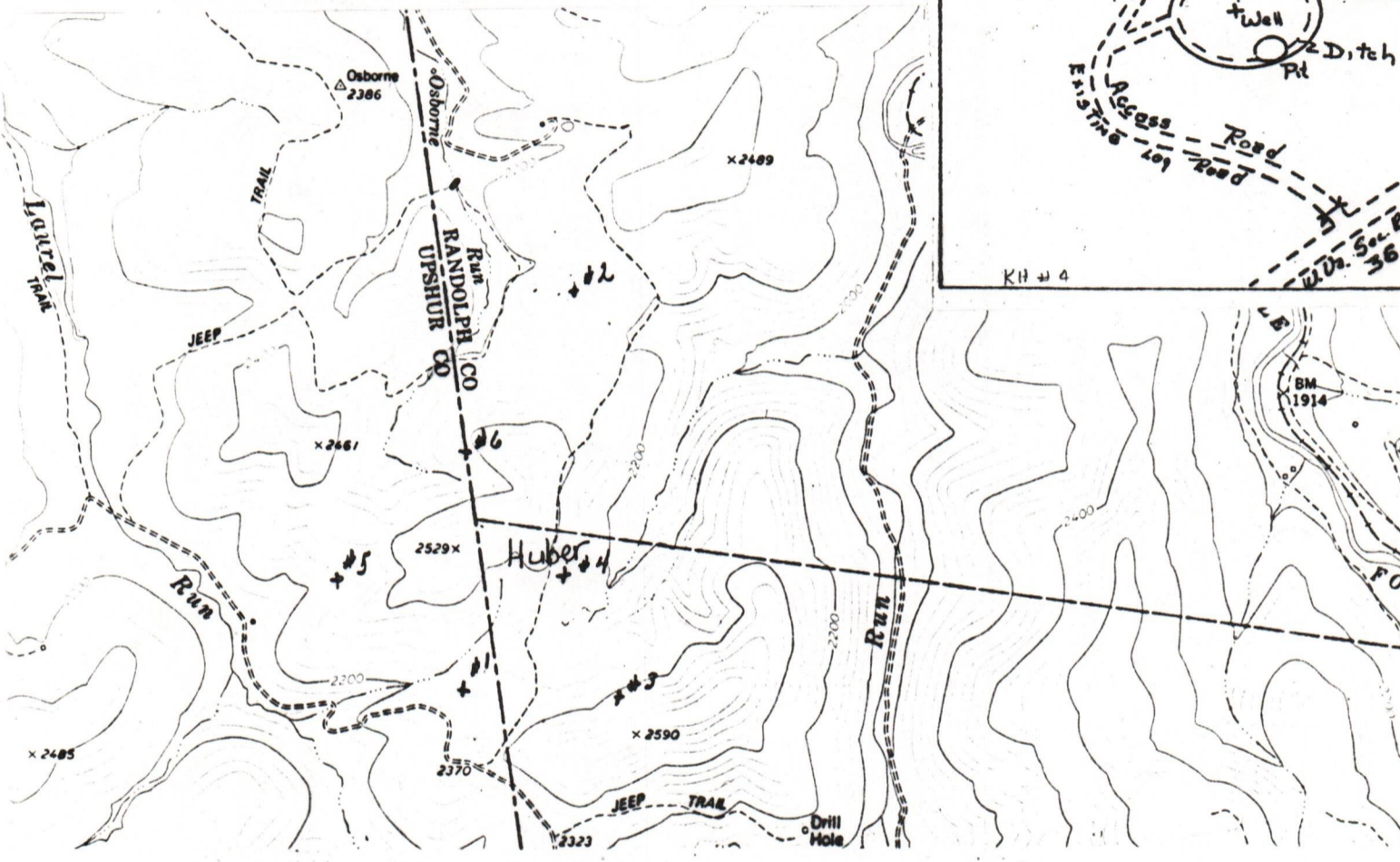
WELL OPERATOR NRM Petroleum Corp.
Address Box 816
Buckhannon, W. Va. 26201

DESIGNATED AGENT R. L. Hopkins
Address Box 816
Buckhannon, W. Va. 26201

The well operator hereby agrees to carry out the reclamation requirements of Code § 22-4-12b in the manner set out below.

This plan has ___/ has not ___/ been reviewed with the district oil and gas inspector.

SKETCH: (Locate and show the (1) well location, (2) existing access road, (3) access road to be constructed, (4) well site, (5) drilling pits, and (6) necessary drainage features, including drains (natural and manmade), silt traps, etc.)



STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

The access road will leave West Virginia Secondary Route 36 in a northwestern direction to the 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 southeast of the location in solid cut. Suitable sealing will be installed if required by 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 location. Upon completion, the location 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.

RECEIVED
APR 25 1980
file
OIL & GAS DIVISION
DEPT. OF MINES

NRM PETROLEUM CORPORATION
Well Operator
By Bill Hall 03/22/2024
Its Land Department

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			2138	2163		
Elizabeth			2163	2237		
Siltstone and Shale			2237	3273	Gas Chk. @ 2354'	- 28 M
Riley			3273	3496	Gas Chk. @ 2510'	- 34 M
Siltstone and Shale			3496	3573	Gas Chk. @ 3011'	- 24 M
Benson			3573	3592	Gas Chk. @ 3488'	- 37 M
Shale			3592	3597		
Siltstone			3597	3640	Gas Chk. @ 3605'	- 41 M
Siltstone and Shale			3640	3772	Gas Chk. @ 3699'	- 51 M
Alexander			3772	3862		
Siltstone and Shale			3862	4055		
Elk			4055	4796	Gas Chk. @ 4232'	- 35 M
Siltstone and Shale			4796		Gas Chk. @ 4573'	- 41 M
TOTAL DEPTH				5015	Gas Chk. @ TD	- 32 M

Well Logged By Allegheny Nuclear Surveys

Initial Open Flow: 32 Mcf

Benson Perforations - 12 holes, 3564-3572
 Benson Frac - Breakdown 2000#, average pressure 2000#, total fluid 448 BBL.,
 average rate 38 BPM, shut-in pressure 1200#.
 10,000# of 80/100 sand and 30,000# of 20/40 sand.

Riley Perforations - 12 holes, 3418-3431
 Riley Frac - Breakdown 2000#, average pressure 2200#, total fluid 468 BBL.,
 Average rate 35.56 BPM, shut-in pressure 800#
 10,000# of 80/100 sand and 30,000# of 20/40 sand

4th and 5th Sand Perforations - 12 holes, 1838-1900
 4th and 5th Sand Frac - Breakdown 2100#, average pressure 1700#, total
 fluid 483 BBL., average rate 40 BPM, shut-in pressure 1000#
 10,000# of 80/100 sand and 30,000# of 20/40 sand.

03/22/2024

Date 7-24 1980

APPROVED R. P. Haskins Owner

NRM Petroleum Corp.



RECEIVED

JUL 28 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 20

Union Drilling
Rig #9
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Cassity 7 1/2"
Permit No. 47-083-0336

Company NRM Petroleum Corporation
Address P.O.Box 816, Buckhannon, WV 26201
Farm Koon-Huber Acres 494.24
Location (waters) Middle Fork River
Well No. 4 Elev. 2360'
District Middle Fork County Randolph
The surface of tract is owned in fee by Coastal Lumber Co., Pioneer Div.
Address P.O.Box 8, Dailey, WV
Mineral rights are owned by J. M. Huber Corp.
Address P.O.Box 1319, Maryville, TN
Drilling Commenced 6-18-80
Drilling Completed 6-23-80
Initial open flow 32 M cu. ft. _____ bbls.
Final production 628 mcf. ft. per day _____ bbls.
Well open 3 hr. hrs. before test 600 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 11 3/4	25'		
9 5/8			
8 5/8	745.15	745.15	220 Sks.
7			
5 1/2			
4 1/2	-	4441'	
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Elk Perforations - 12 holes 4071-4332
Elk Frac - Breakdown 2100#, average pressure 2383#, average rate 31.5 BPM
Total fluid 543 BBL., shut-in pressure 1000#
10,000# of 80/100 sand and 40,000# of 20/40 sand

Coal was encountered at 75, 266, 394, 434, 551' Feet _____ Inches
Fresh water 40' Feet _____ Salt Water _____ Feet _____
Producing Sand Elk, Benson, Riley, 4th and 5th Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
KB - GL			0	12		
Top Soil and Shale			12	33		
Sand			33	75		Damp 40'
Coal			75	79		
Sand			79	266		
Coal			266	269		
Sand			269	394		
Coal			394	399		
Sand			399	434		
Coal			434	437		
Sand			437	551		
Coal			551	553		
Sand			553	1016		
Little Lime			1016	1031		
Shale			1031	1052		
Blue Monday			1052	1073		
Shale			1073	1083		
Big Lime			1083	1222		
Big Injun			1222	1333		
Sand and Shale			1333	1828		
Fifth Sand			1828	1988		
Siltstone and Shale			1988	2063		
Bayard			2063	2138		

03/22/2024

Gas Chk. @ 1574' - No Show
Gas Chk. @ 1980' - 48 M

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

RECEIVED
JUN 23 1980

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well OAS
(KIND)

Permit No. 083-0036

Company <u>VRM Petroleum</u>	CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
Address <u>Buckhannon</u>	Size			
Farm <u>Koon-HUBER</u>	16			Kind of Packer
Well No. <u># 4</u>	13			
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>6-17-80</u>	8 1/4			
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 _____ 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 DRILLING RIG-9

Remarks:

move Rig SPD

6-18-80

DATE

Robert St... 511
03/22/2024

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: _____

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

03/22/2024
DISTRICT WELL INSPECTOR

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

RECEIVED
AUG 10 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 083-0336

Oil or Gas Well GAS
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	Casing and Tubing	Used in Drilling	Left in Well	PACKERS
																			Kind of Packer
<u>NRM Petroleum</u>	<u>BUCKHANNON</u>	<u>Koon - HUBER</u>	<u># 4</u>	<u>MIDDLE FORK</u>	<u>RAUDOLPH</u>	<u>6-17-80</u>													

Drillers' Names _____

Remarks:
O.K. To Release

8-6-81
DATE

Robert Street 511
08/22/2024
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

August 25, 1981

WALTER N. MILLER
DIRECTOR

NRM Petroleum
P. O. Box 816
Buckhannon, WV 26201

v

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:

BAR. 1208	Harold Harris	#1	Barker
BAR. 1273	Earl H. Bennett	A-1	Barker
RAN. G334	Koon-Huber	#2	Roaring Creek
RAN. G335	Koon-Huber	#3	Middle Fork
RAN. G336	Koon-Huber	#4	Middle Fork
UPS. 1972	B. Stonestreet	#1	Washington
UPS. 1977	Wilda Osborn	#1	Washington
UPS. 1978	Wilda Osborn	#2	Washington

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

03/22/2024

RECEIVED

AUG 28 1980

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0336			
2.0 Type of determination being sought: (Use the codes found on the front of this form!)	103 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.)	Name <u>NRM PETROLEUM CORP.</u>		013849 Seller Code	
	Street <u>P. O. BOX 816</u>			
	City <u>BUCKHANNON, W. VA. 26201</u>			
	City	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>Middle Fork River</u>			
	County <u>Randolph</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>Koon-Huber # 4</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>		004030 Buyer Code	
(b) Date of the contract:	Mo. Day Yr. _____			
(c) Estimated annual production:	_____ MMcf.			
	(a) Base Price (\$/MMcf)	(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.)	_____	_____	_____	_____
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.274</u>	<u>.227</u>	_____	<u>2.504</u>
9.0 Person responsible for this application	Name <u>R.L. Hopkins</u> Title <u>V-Pres.</u>			
Agency Use Only	Signature _____			
Date Received by Jurisdictional Agency	Date Application is Completed _____			
<u>Aug 28 1980</u>	Phone Number <u>304/472-9113</u>			
Date Received by FERC				

03/22/2024

DATE: JAN 12 1981

BUYER-SELLER CODE

ARTICIPANTS:

WELL OPERATOR: NRM Petroleum Corp.

013849

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
80-08-28-103-083 = 0336
 Use Above File Number on all Communications
 Relating to Determination of this Well

*Computer OK,
Map OK*

Qualifies J. E. Huggins

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 _____ 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: 6-18-80 Date completed 6-23-80 Deepened _____
- (5) Production Depth: 4071-4332, 3564-72, 3418-21, 1838+1900
- (5) Production Formation: ELK, Benson, Riley, 4th + 5th
- (5) Final Open Flow: 628 MCF
- (5) After Frac. R. P. 600# 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: 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? yes
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? J.T.S.

03/22/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS

Date Aug 22 80
Operator's Well No. Koon-Huber #4
Well No. 47-083-0336

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELLS
MGS Section 103

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

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

LOCATION Elevation 2360'
Watershed Middle Fork River
Disc Middle Fork RANDOLPH CASSITY 7/2
Purchase Contract No. N/A
Meter Chart No. N/A
Date of Contract N/A

Date surface drilling was begun 6-18-80

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

Bottom hole pressure 1755.25
Calculated by multiplying the total depth by .35 lb/ft.

AFFIDAVIT

R.L. Hopkins

I, R.L. Hopkins, having been first sworn according to the state of West Virginia, do hereby certify that the well for which this determination is sought was begun on or after the date of the well satisfies applicable state or federal well spacing requirements and the well is within the same operation unit, in existence at the time surface drilling began, which was approved for recovery from which gas is or will be produced and which applied to any other well producing in commercial quantities or on which surface drilling began on or after February 19, 1979, and is not capable of producing gas in commercial quantities. I state, further, that I have concluded on the basis of my information, knowledge and belief, that the well for which this determination is sought is a production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

[Handwritten Signature]

STATE OF WEST VIRGINIA

COUNTY OF Upshur TO WIT

I, Glenda Matz, a Notary Public in and for the state and county aforesaid, do hereby certify that R.L. Hopkins whose name is signed to the writing above, bearing date 22 day of Aug, 1980, has acknowledged the same before me, in my county aforesaid, given under my hand and official seal this 22 day of Aug, 1980. My term of office expires on the 31 day of JAN, 1989.

[Handwritten Signature: Glenda Matz]
Notary Public