



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 11 1973 -CEN

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 7, 1973

Surface Owner A. Engelke

Company National Petroleum Corporation

Address Creston, West Virginia

Address Columbus, Ohio 43229

Mineral Owner Cabot Corporation

Farm Julia Blankenship Acres 50

Address Box 628, Charleston, West Virginia

Location (waters) Little Kanawha River

Coal Owner None

Well No. 2 Elevation 910

Address \_\_\_\_\_

District Spring Creek County Wirt

Coal Operator None

Quadrangle Spencer

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 10-11-73.

Deputy Director - Oil & Gas Division

**INSPECTOR TO BE NOTIFIED** H. Holliday  
Grantsville, WV. PH: 354-6731

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 October 26, 19 72 by Cabot Corporation made to National Petroleum Corp. and recorded on the 24th day of October 19 04, in Wirt County, Book 46 Page 350

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.

Very truly yours,

(Sign Name) E. J. Krueger  
Well Operator

Address of Well Operator 6161 Busch Blvd. Street  
Columbus City or Town  
Ohio State

01/26/2024

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

**BOND DRILL** Now: Blasket Bond Mumma Oil Prod. Company

WIR-631

PERMIT NUMBER

47 105

**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 FWA \_\_\_\_\_ NAME Ed Knezevich \_\_\_\_\_  
 ADDRESS Blue Creek, West Virginia 25026 \_\_\_\_\_ ADDRESS 6161 Busch Blvd., Columbus, Ohio \_\_\_\_\_  
 TELEPHONE 965-5201 \_\_\_\_\_ TELEPHONE 614-888-4641 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 2,000 \_\_\_\_\_ ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun \_\_\_\_\_  
 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	20	20	Surface
9 - 5/8			
8 - 5/8	165	165	Surface
7			
5 1/2			
4 1/2	2000	2000	15 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET 1600 SALT WATER 110 - 700 FEET  
 APPROXIMATE COAL DEPTHS None \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? None 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**

**RECEIVED**  
DEC 19 1973  
OIL & GAS DIVISION  
DEPT. OF MINES

B-1  
39-00  
3-45  
9

**WELL RECORD**

Quadrangle Spencer  
**WIRT**  
Permit No. 631

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb.  WELL  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company National Petroleum Corporation  
Address P. O. Box 29228, Columbus, Ohio  
Farm Julia Blankenship Acres 50  
Location (waters) Little Kanawha River  
Well No. 2 Elev. \_\_\_\_\_  
District Spring Creek County Wirt  
The surface of tract is owned in fee by \_\_\_\_\_  
Alvin Engelke  
Address Glenville, W. Va.  
Mineral rights are owned by Cabot Corporation  
Address Charleston, W. Va.  
Drilling Commenced 7/1/73  
Drilling Completed 7/5/73  
Initial open flow show cu. ft. show bbls.  
Final production 400M cu. ft. per day 35 bbls.  
Well open 2 hrs. before test 700 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	209	209	Cement to surface
7			
5 1/2			
4 1/2	1930	1930	75 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perf. 1812-1828 w/ 17 holes  
Dowell fraced Big Injun w/ 30,000# 20/40 sand & 850 bbl. water

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Sandstone Depth 1812-28

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale	grey	soft	0	360		
Sandstone	grey	hard	360	430		
Shale	grey	hard	430	1195		
Sandstone	grey	hard	1195	1375		
Shale	grey	hard	1375	1670		
Sandstone	grey	hard	1670	1720		
Big Lime	grey	hard	1720	1810		
Big Injun	grey	hard	1810	1860		
Shale	grey-green	hard	1860	1966		

01/26/2024

(over)

\* Indicates Electric Log tops in the remarks section.



Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<p style="font-size: 2em; opacity: 0.5;">WELL RECORD</p> <p style="font-size: 1.5em; opacity: 0.5;">Oil and Gas Division</p> <p style="font-size: 1.2em; opacity: 0.5;">DEPARTMENT OF MINES</p> <p style="font-size: 1.1em; opacity: 0.5;">STATE OF WEST VIRGINIA</p>						
<p>01/26/2024</p>						

Date Dec. 17, 19 73

APPROVED National Petroleum Corp., Owner

By Glenn A. McQuate  
(Title)  
Glenn A. McQuate, Geologist

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

Date FEB 24, 1981

FORM IV-35  
(Obverse)

Operator's Well No. BLANKENSHIP #2

[08-78]

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47-105-631  
State County Permi

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow )

LOCATION: Elevation: 910 Watershed: LITTLE KANAWHA  
District: SPRING CREEK County: WIRT Quadrangle: SPENCER

WELL OPERATOR MUNNIA OIL PRODUCTION CO. DESIGNATED AGENT RANDALL LYNCH  
Address 1634 MACARTHUR ROAD Address CRESTON, W. VA. 26141  
WHITEHALL, PA 18052

PERMITTED WORK: Drilled  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON JUNE 6, 1973 OIL & GAS INSPECTOR FOR THIS WORK:  
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name \_\_\_\_\_  
Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION: BIG INJUN Depth 1860' feet  
Depth of completed well, 1966 feet Rotary  / Cable Tools   
Water strata depth: Fresh, \_\_\_\_\_ feet; salt, 1710 feet.  
Coal seam depths: NONE Is coal being mined in the area? DON'T KNOW  
Work was commenced JULY 1, 1973, and completed JULY 5, 1973

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>4 1/2"</u>		<u>95</u>	<input checked="" type="checkbox"/>		<u>1930</u>	<u>1930</u>	<u>75 SACKS</u>	
Production									Depths set
Tubing									
Liners	<u>8 7/8"</u>			<input checked="" type="checkbox"/>		<u>209</u>	<u>209</u>	<u>CEMENT TO SURFACE</u>	Perforations: Top Bottom

OPEN FLOW DATA

Producing formation BIG INJUN SANDSTONE Pay zone depth 1812-1828 feet  
Gas: Initial open flow, SHOW Mcf/d Oil: Initial open flow, SHOW Bbl/d  
Final open flow, 400 Mcf/d Final open flow, 35 Bbl/d  
Time of open flow between initial and final tests, 2 hours  
Static rock pressure, 210 psig (surface measurement) after 48 hours shut in

01/26/2024

[If applicable due to multiple completion--]  
Second producing formation NOT APPLICABLE Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, \_\_\_\_\_ Mcf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

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

RECEIVED

JUL 6 1973

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WVA-631

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>NATIONAL PETR. CORP.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>COLUMBUS, OHIO - 43229</u>	Size		
Farm <u>MULTA A. BLANKENSHIP</u>	16			
Well No. <u>2</u>	13			
District <u>SPRING CREEK</u> County <u>WVBT</u>	10			Size of _____
Drilling commenced <u>7-1-73</u>	8 1/4 <u>CEM.</u>	<u>201'</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.	100 YDS CASING CEMENTED <u>8 1/4</u> SIZE <u>201</u> No. FT. <u>7478</u> Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>HOW.</u>			
Fresh water <u>? DRILL ON MUD</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
Salt water <u>?</u> feet _____ feet	FEET _____ INCHES	FEET _____ INCHES	FEET _____ INCHES	FEET _____ INCHES

Drillers' Names FRED DAVIS R.L. BASS & C.W. PRICE

Remarks: DRILLING AT 1389'

F.W.R. POT. MUD

7-3-73  
DATE

H. A. Holliday  
DISTRICT WELL INSPECTOR

01/26/2024

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  
 01/26/2024

B-4

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

RECEIVED

JUL 9 1973

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIA-631

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>NATURAL PETR. COMP.</u>				
Address <u>COLUMBUS, OHIO - 43229</u>	Size			
Farm <u>JULIA A. BLANKENSHIP</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>SPRINGCREEK</u> County <u>WIRT</u>	10			Size of _____
Drilling commenced <u>7-1-73</u>	8 1/4 <u>CEM</u>	<u>201'</u>	<u>201'</u>	Depth set _____
Drilling completed <u>7-4-73</u> Total depth <u>1966'</u>	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3 <u>4 1/2</u>		<u>1938</u>	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.	<u>100 SPS-895' - 201 - 7-1-73</u> <u>75 SPS 4 1/2" SIZE 1938 No. FT 7-5-73 Date</u>			
Fresh water <u>3 DRILL QUANT</u> feet _____ feet	NAME OF SERVICE COMPANY <u>HOW</u>			
Salt water <u>7 MUD</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names FRED DANZ & P. L. BASS - CHAIRMAN

Remarks: WELL COMP. TO FRAC  
F.W.A. REG. - MUD  
R. L. LINE 1665'  
B. IN UN. 1816-1843  
T. R. - 1966'

7-5-73  
DATE

H. O. Holliday  
DISTRICT SUPERVISOR  
8/26/2024



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  
**01/26/2024**

*N-5*

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

RECEIVED

OCT 3 1973

OIL & GAS DIVISION  
INSPECTOR'S WELL REPORT

Permit No. WER-631

Oil or Gas Well OG  
(KIND)

Company	Address	Farm	Well No.	District	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
															Size			Kind of Packer
<u>NATIONAL PETROLEUM CO. INC.</u>	<u>COLUMBUS, OHIO, 43229</u>	<u>JULIA A. BLANKENSHIP</u>	<u>2</u>	<u>SPRINGCREEK</u> County <u>WEST</u>	<u>7-1-73</u>	<u>7-4-73</u> Total depth <u>1966'</u>	<u>DATE: 9-30-73 THROUGH 4 1/2" PERF.</u> <u>DATE: 9-30-73</u> Depth of shot <u>INJUN</u>	_____/10ths Water in ____ Inch	_____/10ths Merc. in ____ Inch	____ Cu. Ft.	____ lbs. ____ hrs.	____ bbls., 1st 24 hrs.	____ feet ____ feet	____ feet ____ feet	8 3/4 <u>CEM.</u>	<u>201'</u>	<u>201'</u>	
															16			Kind of Packer
															13			
															10			Size of
															8 3/4	<u>CEM.</u>	<u>201'</u>	<u>201'</u>
															6 5/8			Depth set
															5 3/16			
															3	<u>4 1/2</u>	<u>1938'</u>	Perf. top
															2			Perf. bottom
															Liners Used			Perf. top
																		Perf. bottom
															<u>100515-9 3/4" - 201' - 7-1-73</u> <u>25 3/4" 4 1/2" SIZE 1938' No. FT. 7-4-73</u> Date			
															NAME OF SERVICE COMPANY <u>DOWELL</u>			
															COAL WAS ENCOUNTERED AT <u>2016</u> FEET _____ INCHES			
															_____ FEET _____ INCHES _____ FEET _____ INCHES			
															_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names FRED JAVIS - P. L. BOSS - G. W. WATKINS

Remarks: F.W.A. ADT. MUD  
WELL FRAC. 9-30-73 - DOW.  
B. LIME - 1665' - 1815'  
B. INJUN - 1815' - 1843'  
T.O. - 1966'

10-2-73  
DATE

H.A. Holliday  
DISTRICT WELL INSPECTOR

01/26/2024

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  
**01/26/2024**

B-6



State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 25305

December 19, 1973

JOHN ASHCRAFT  
Director

ROBERT L. DODD  
Deputy Director

Harry Holliday  
Box 221  
Grantsville, W.Va.

PERMIT	WIRT-631
COMPANY	National Petroleum Corp.
FARM	Julia Blankenship
WELL NO	2
DISTRICT	Spring Creek
COUNTY	Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/ cc

12-21-73  
DATE

01/26/2024  
*Harry C. Holliday*  
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

01/26/2024

\_\_\_\_\_  
DISTRICT WELL INSPECTOR

B-12



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

January 17, 1975

National Petroleum Corporation  
P.O. Box 29228 - 6161 Busch Blvd.  
Columbus, Ohio 43229

In Re: Permit No. WIRT-631  
Farm Julia Blankenship  
Well No. 2  
District Spring Creek  
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

         The bond covering the well designated by the above permit number has been released under your Blanket Bond.

XXXXXXXX Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records. (Sold to: Mumma Oil Production Company)

Very truly yours,

Deputy Director  
Oil and Gas Division

RLD/cc  
Enclosure:

Single Bond Dated 6-11-73 (Travelers Indemnity Co.)  
Mailed directly to Ins. Co. - DeWitt C. Gallaher)

01/26/2024

PS Form 3811, Nov. 1973

● SENDER: Complete items 1 and 2. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
- Show to whom and date delivered..... 15¢
  - Show to whom, date, & address of delivery.. 35¢
  - DELIVER ONLY TO ADDRESSEE and show to whom and date delivered..... 65¢
  - DELIVER ONLY TO ADDRESSEE and show to whom, date, and address of delivery ..... 85¢

2. ARTICLE ADDRESSED TO:  
 DeVan Gallaher, Inc.  
 1116 Kan. Blvd. E.  
 Charleston, W.Va. 25301

3. ARTICLE DESCRIPTION:  
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.

81613

(Always obtain signature of addressee or agent)

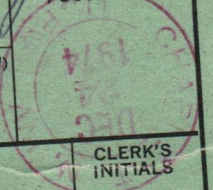
I have received the article described above.  
SIGNATURE

*Candy Spence*

4. DATE OF DELIVERY

DEC 24 1974

POSTMARK



5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

☆ GPO : 1974 O - 527-803

National Petroleum Co. Bonds

01/26/2024

REC'D  
FEB 27 1981  
OIL & GAS DIVISION  
DEPT. OF MINE

1.0 API well number: (If not assigned, leave blank. 14 digits.) - - 105 - 0631

2.0 Type of determination being sought: (Use the codes found on the front of this form.)  
Section of NGPA 108 Category Code X

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 MUMMA OIL PRODUCTION CO Seller Code \_\_\_\_\_  
Street 1634 MACARTHUR ROAD  
City WHITEHALL State PA. Zip Code 18052

5.0 Location of this well: [Complete (a) or (b).]  
(a) For onshore wells (35 letters maximum for field name.)  
Field Name LITTLE KANAWHA - SPRING CREEK DISTRICT  
County WIAT State W. VA

(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.)  
JULIA BLANKENSHIP WELL #2, WIR-631

(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 CABOT CORPORATION Buyer Code 002733

(b) Date of the contract: 11/11/74  
Mo. Day Yr.

(c) Estimated total annual production from the well: 2.3 Million Cubic Feet

	(a) Base Price	(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.) \$/MMBTU	<u>1.570</u> <del>3.168</del>	<u>.280</u> <del>.280</del>	---	<u>1.570</u> <del>3.168</del>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) \$/MMBTU	<u>3.858</u>	<u>.280</u>	---	<u>3.168</u>

9.0 Person responsible for this application:  

Agency Use Only	<u>CLYDE F. MUMMA</u> Title <u>VICE-PRES.</u> <u>Clyde F. Mumma</u> Signature <u>FEB 24 1981</u> Date Application is Completed <u>215-435-5225</u> Phone Number
Date Received by Juris. Agency <b>FEB 27 1981</b>	
Date Received by FERC	

01/26/2024



PARTICIPANTS:

DATE: June 25 1981

BUYER-SELLER CODE

WELL OPERATOR: Mumma Oil Production Co.

WA

FIRST PURCHASER: Cabot Corp.

002733

OTHER: \_\_\_\_\_

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

81-2-27 .108-105 = 0631

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

*Qualifies J E Muzzy*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121  Items not completed - Line No. 7.0 + 8.0 C

2. IV-1 Agent Randall Lynch

3. IV-2 Well Permit \_\_\_\_\_

4. IV-6 Well Plat 1

5. IV-35 Well Record  Drilling  Deepening

6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced?  Ratio \_\_\_\_\_

7. IV-39 Annual Production 1 year

8. IV-40 90 day Production 91 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: 7-1-73 Date completed 7-5-73 Deepened

(5) Production Depth: 1812-28

(5) Production Formation: Big Injun

(5) Final Open Flow: 400 mcf

(5) After Frac. R. P. 210 # 48 hrs

(6) Other Gas Test: \_\_\_\_\_

(7) Avg. Daily Gas from Annual Production:  $\frac{2598}{357} = 7.3$  mcf, oil  $\frac{256}{139} = 0.7$  BBL.

(8) Avg. Daily Gas from 90-day ending w/1-120 days  $\frac{412}{92} = 4.5$  mcf, oil  $\frac{42}{92} = 1.5$  BBL.

(8) Line Pressure: 65 # PSIG from Daily Repo

(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 01/26/2024

Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

5

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

Date FEB. 24 19 81  
Operator's Well No. BLANKENSHIP #2  
API Well No. 47 - 105 - 631  
State County Permit

WELL CLASSIFICATION FORM  
STRIPPER GAS WELL  
NGPA Section 108

DESIGNATED AGENT RANDALL LYNCH  
ADDRESS CRESTON, W. VA. 26141

WELL OPERATOR MUMMA OIL PROD. CO.  
ADDRESS 1634 MACARTHUR RD  
WHITEHALL, PA. 18052  
GAS PURCHASER CABOT CORPORATION  
ADDRESS 1400 CHARLESTON NATIONAL PLAZA  
CHARLESTON, W. VA. 25325

LOCATION: Elevation 985  
Watershed LITTLE KANAWHA  
Dist. SPRING CREEK County WIRT Quad. SPENCER  
Gas Purchase Contract No. 1-461  
Meter Chart Code P1601  
Date of Contract NOV. 11, 1974

\* \* \* \* \*

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.)

- TUBING
- WELL HEAD EQUIPMENT
- FLOW LINES
- SEPARATOR
- STORAGE OR TANK BATTERIES
- CASING

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:

1. PRODUCTION RECORDS AT FOLLOWING LOCATIONS:

GAS RECORDS : MUMMA OIL PROD. CO. + CABOT CORP.  
1634 MACARTHUR RD P.O. Box 1475  
WHITEHALL, PA. CHARLESTON, W. VA.

OIL RECORDS : MUMMA OIL PROD. - SAME ADDRESS AS ABOVE  
EUREKA PIPELINE, PARKERSBURG, W. VA.  
QUAKER STATE OIL REF. CO. - OIL CITY, PA.

2. TAX RECORDS : MUMMA OIL PROD. CO.  
STATE TAX DEPT., CHARLESTON, W. VA.

3. ROYALTY PAYMENT RECORDS:  
01/26/2024  
SAME PARTIES AS LISTED ABOVE - I.E.  
CABOT, QUAKER STATE AND MUMMA OIL PROD.

Describe the search made of any records listed above:

WE HAVE ALL THE SUBJECT RECORDS ON FILE. ASLO,  
CABOT PROVIDES MONTHLY GAS PRODUCTION STATEMENTS  
(SALES). WHEN OIL IS SOLD OR SHIPPED WE RECEIVE  
STATEMENTS FROM EUREKA PIPELINE AND QUAKER  
STATE OIL REF. CORP

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

AFFIDAVIT

I, Clyde F. Mumma, 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.

Clyde F. Mumma

PENNA.  
STATE OF ~~WEST VIRGINIA~~  
COUNTY OF Lehigh, TO WIT:

I, Michael B. Boyle Jr., a Notary Public in and for the state and county aforesaid, do certify that Clyde F. Mumma, whose name is signed to the writing above, bearing date the 24 day of February, 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26 day of February, 19 81  
My term of office expires on the 25 day of August, 19 81.

[NOTARIAL SEAL]

Michael B Boyle Jr.  
Notary Public  
MICHAEL B BOYLE, JR., NOTARY PUBLIC  
WHITEHALL TOWNSHIP, LEHIGH COUNTY  
MY COMMISSION EXPIRES AUG. 25, 1980 **01/26/2024**  
Member, Pennsylvania Association of Notaries

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

3/24/24  
01/26/2024

YEAR 19 80

OPERATOR - McMMA Oil Production Co.

API 17-103-631

FARM BLANKENSHIP #2

COUNTY WIRT

AVG. FLOW PRESSURE 65

SHUT-IN PRESSURE 95

GAS MCF

262

299

252

186

263

248

240

238

203

203

0

209

TOTALS 2598

OIL BBL

J- 31

F- 40

M- 40

A- 42

M- 56

J- 57

J- 67

A- 55

S- 37

O- 34

N- 57

D- 43

TOTALS 567

DAYS ON LINE

31

22

29

30

31

30

31

31

30

30

30

31

YEAR 19 80

API \_\_\_\_\_ FARM \_\_\_\_\_

COUNTY \_\_\_\_\_

AVG. FLOW PRESSURE \_\_\_\_\_

SHUT-IN PRESSURE \_\_\_\_\_

TOTALS \_\_\_\_\_

GAS MCF \_\_\_\_\_

GAS \_\_\_\_\_

OIL BBL J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

OIL \_\_\_\_\_

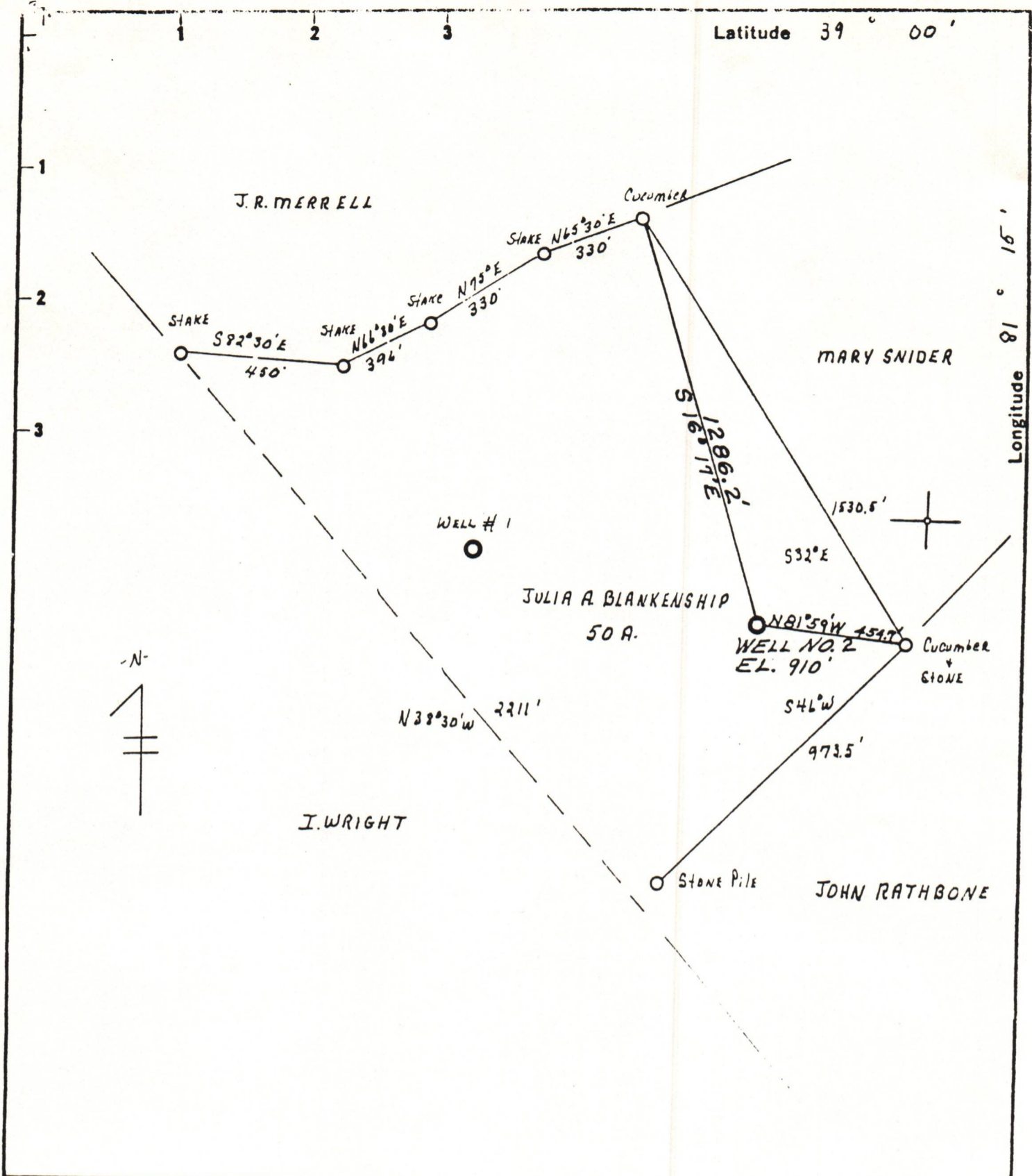
DAYS ON LINE \_\_\_\_\_

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

177302



New Location    
 Drill Deeper    
 Abandonment

Minimum Error of Closure  $1''$  IN  $300'$    
 Source of Elevation WELL FILE # WIRT 612 EL. 933.37

"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."

Company NATIONAL PETROLEUM CO.   
 Address COLUMBUS, OHIO   
 Farm JULIA A. BLANKENSHIP   
 Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_   
 Well (Farm) No. 2 Serial No. \_\_\_\_\_   
 Elevation (Spirit Level) 910'   
 Quadrangle SPENCER   
 County WIRT District SPRING CREEK   
 Engineer L.Z. SHUCK   
 Engineer's Registration No. 4596   
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_   
 Date 6-6-73 Scale 1" = 400'

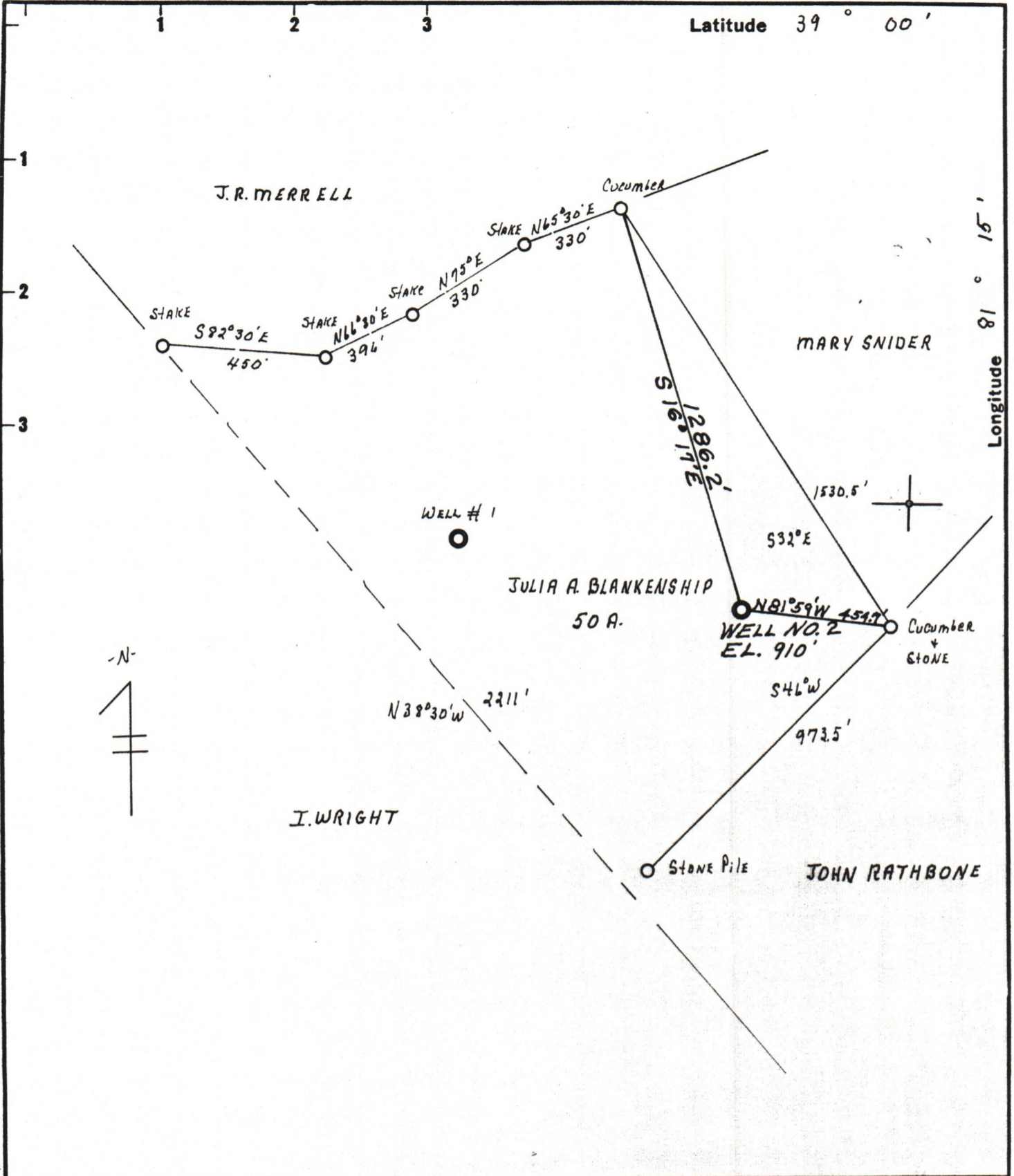
STATE OF WEST VIRGINIA   
 DEPARTMENT OF MINES   
 OIL AND GAS DIVISION   
 CHARLESTON   
 10.5   
**WELL LOCATION MAP**   
 FILE NO. WV-631

**01/26/2024**

+ 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.

47 105

6/11/73CEN



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1" IN 200'  
 Source of Elevation WELL FILE # WIRT 612 EL. 933.27

"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."

Company NATIONAL PETROLEUM CO.  
 Address COLUMBUS, OHIO  
 Farm JULIA A. BLANKENSHIP  
 Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 910'  
 Quadrangle SPENCER  
 County WIRT District SPRING CREEK  
 Engineer L.Z. SHUCK  
 Engineer's Registration No. 4596  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-6-73 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. Wiv-631 01/26/2024  
 + 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.

47 105

B-11

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

RECEIVED  
DEC 26 1973

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. WIR-631

Oil or Gas Well OG  
(KIND)

Company <u>NATIONAL PETROLEUM CORP.</u> <u>90 E.D. HENZVICH</u> <u>6161 BUSCH BLVD.</u> <u>COLUMBUS, OHIO 43229</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address	Size		
Farm <u>JULIA A. BLANKENSHIP</u>	16			
Well No. <u>2</u>	13			
District <u>SPRINGCREEK</u> County <u>VALENT</u>	10			Size of
Drilling commenced	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 _____ 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: ON INSPECTION THIS WELL MAY NOT BE RELEASED BECAUSE:  
WELL IS SHUT IN AT WELL HEAD.  
NO OIL OR GAS PRODUCTION LINES CONNECTED TO WELL.  
NO WELL IDENTIFICATION PLATE ON WELL.

12-26-73  
DATE

Henry C. Reddy  
DISTRICT WELL INSPECTOR  
01/26/2024

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  
**01/26/2024**