



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JAN 2 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 January 2, 1973

Surface Owner A. Engelke

Company National Petroleum Corporation

Address Creston, West Virginia

Address Columbus, Ohio

Mineral Owner Cabot Corporation

Farm Julia A. Blankenship Acres 50

Address P.O. Box 628, Charleston, W. Va. 25322

Location (waters) Little Kanawha River

Coal Owner None

Well No. 1 Elevation 985

Address _____

District Spring Creek Dist. 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 5-3-73.

INSPECTOR TO BE NOTIFIED Mr. Fred Burdette
Box 190 PH: 984-9263
Capeiron Route
Sissonville, W. Va.
25185

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 October 26, 1972 by Cabot Corporation made to National Petroleum Corp. and recorded on the 24 day of October 1904, 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) Lennick Priest AGENT
Well Operator

Address of Well Operator

P.O. Box 29228 Street
Columbus City or Town
Ohio State
43229

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 = Blanket Bond
Mumma Prod. Oil Prod. company.
Wirt-616

PERMIT NUMBER

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 Stonestreet Lands Company NAME Ken Priest
 ADDRESS Box 350, Spencer, W.Va. 25276 ADDRESS Box 246, Charleston, W.Va.
 TELEPHONE 927-2800 TELEPHONE 343-5984
 ESTIMATED DEPTH OF COMPLETED WELL: 2000 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	Cement to Surface
9 - 5/8	300	300	Cement to Surface
8 - 5/8	900	-0-	None
7			
5 1/2			
4 1/2	2000	2000	150 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET SALT WATER 1600 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 01/26/2024 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



A-10

President
Kenneth W. Priest

December 6, 1974

RECEIVED

DEC 10 1974

OIL & GAS DIVISION
DEPT. OF MINES

PAUL A. SILEY
DEPUTY DIRECTOR

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

Gentlemen:

With reference to your notice of December 5, 1974, your records should indicate that I have not been an agent for National Petroleum Corporation for quite some time. As far as I know the present operator of the Julia Blankenship Wells #1 & 2, Spring Creek District, Wirt County, is the Mumma Oil Production Company, whose address is:

3620 Hamilton Boulevard
Allentown, Pennsylvania 18103

Sincerely yours,

Kenneth W. Priest
President

KWP:ct

Enclosure

01/26/2024

4-2

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

Date FEB 24, 198

FORM IV-35
(Obverse)

Operator's
Well No. BLANKENSHIP #1

[08-78]

WELL OPERATOR'S REPORT
OF

API Well No. 45-105-616
State County Permit

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

T

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

LOCATION: Elevation: 985 Watershed: LITTLE KANAWHA
District: SPRING CREEK County: WIRT Quadrangle: SPENCER

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

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

PERMIT ISSUED ON DECEMBER 29 1972

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name _____
Address _____

_____, 19____

GEOLOGICAL TARGET FORMATION: BIG INJUN Depth 1994 feet

Depth of completed well, 2023 feet Rotary ___ / Cable Tools X

Water strata depth: Fresh, ___ feet; salt, 1725 feet.

Coal seam depths: NONE Is coal being mined in the area? DON'T KNOW

Work was commenced 12/30/72, 19____, and completed FEB 12, 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>	<u>X</u>		<u>2020</u>	<u>2020</u>	<u>50 SACKS</u>	
Production	<u>2"</u>					<u>1945</u>	<u>1945</u>		Depth set
Tubing									
Liners									Perforations:
4 1/2	<u>8 3/8</u>			<u>X</u>		<u>300</u>	<u>300</u>	<u>CEMENTED TO SURFACE</u>	Bottom
	<u>7"</u>					<u>1842</u>	<u>0</u>		

OPEN FLOW DATA

Producing formation BIG INJUN Pay zone depth 1960-1990 feet

Gas: Initial open flow, 5400 Mcf/d Oil: Initial open flow, 5400 Bbl/d

Final open flow, 710 Mcf/d Final open flow, 25 Bbl/d

Time of open flow between initial and final tests, 2 hours

Static rock pressure, 110 psig (surface measurement) after 45 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

B-3

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATED BIG INJUN SAND WITH 34 PERFORATION BETWEEN
1960' - 1994'

FRACED WITH 810 BBL OF WATER AND 110,000 # 2 1/4 SAND
FRAC DONE BY HALLIBURTON

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Sandstone	Brn	hard	0	140	
shale	grey	soft	140	410	
Sandstone	grey	hard	410	480	
Shale	grey	soft	480	1245	
Sandstone	white	hard	1245	1420	
Shale	grey	soft	1420	1625	
Sandstone	white	hard	1625	1760	SALT WATER
Shale	grey	soft	1760	1812	
Big Lime	grey	hard	1812	1894	
Big Injun	white	hard	1894	1994	oil & gas
Shale	grey	soft	1994	2023	
Total Depth			2023		

(over)

* Indicates Electric Log tops in the remarks section.

(Attach separate sheets to complete as necessary)

ALICIA CIE PRODUCTION CO
Well Operator

By CYRIL F. ALICIA
Its VICE-PRESIDENT

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

01/26/2024

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

RECEIVED
DEC 26 1973

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIR-616

Oil or Gas Well O&G
(KIND)

Company <u>NATIONAL PETROLEUM CORP.</u> <u>76 ED HUEZUICH</u> <u>6161 BUSHY 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>I</u>	13			Size of
District <u>SPRING CREEK</u> County <u>WEST</u>	10			
Drilling commenced	8 1/4			Depth set
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: ON INSPECTION THIS WELL MAY NOT BE RELEASED BECAUSE:-
VIOL POSTED SEPT. 9, 1973 HAS BEEN PARTIALLY CORRECTED.
PUMPING EQUIPMENT HAS NOT BEEN INSTALLED.
WELL IS BAIT IN AT WELL HEAD.
FLOWING PROCEDURES HAVE BEEN STOPPED.
NO IDENTIFICATION PLATE AT WELL
LOCATION NOT CLEANED.

12-21-73
DATE

[Signature]
DISTRICT WELL INSPECTOR
01/26/2024

IV-39-WC

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

REPORT DATE

2/24/81
01/26/2024

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

OPERATOR *MUMMA Oil Production*

YEAR 19 81

API 47-103-616 FARM J BARRICKSHIP #1 COUNTY WIRT

AVG. FLOW PRESSURE 65

SHIFT-IN PRESSURE 175

TOTALS

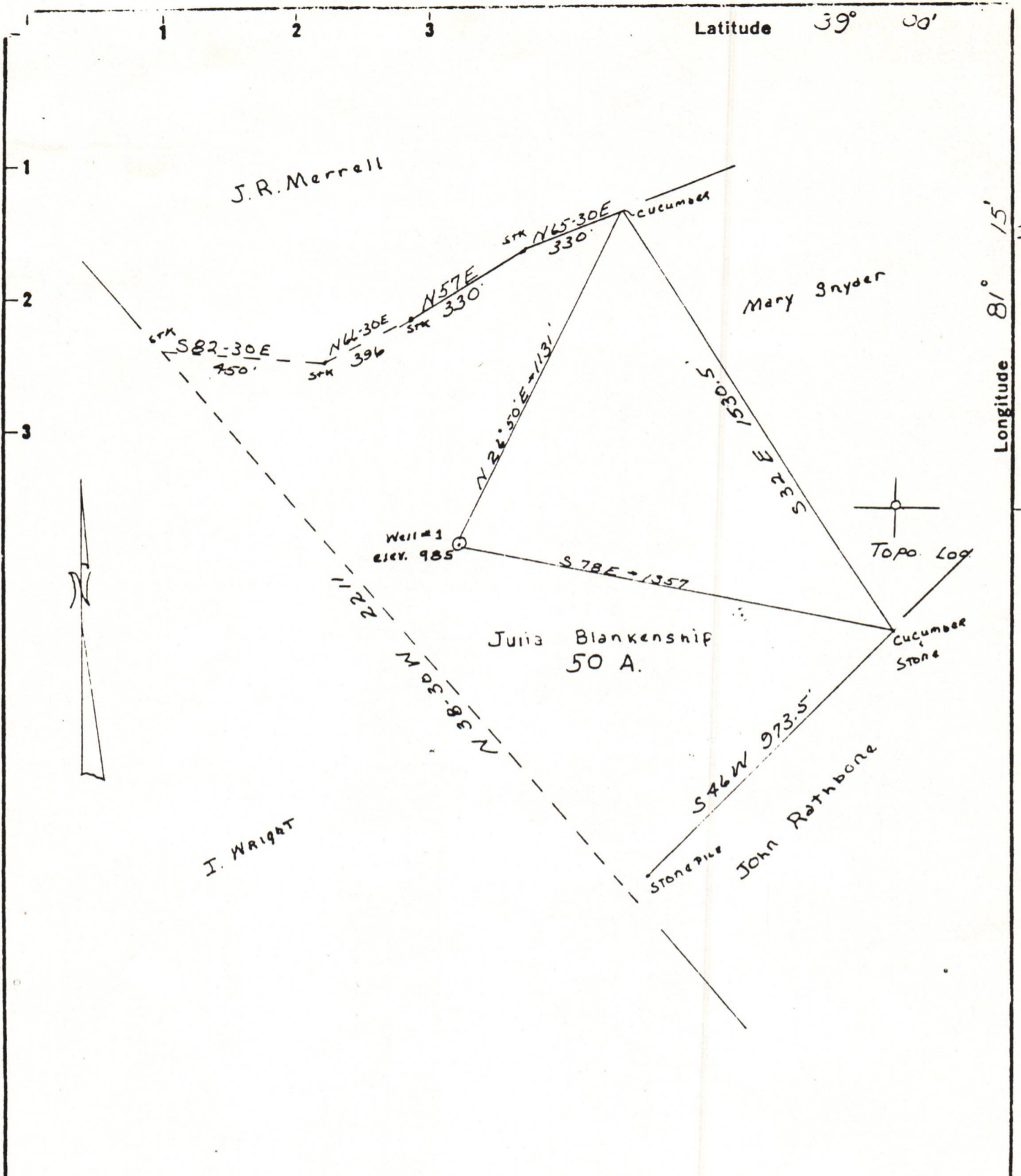
API	FARM	COUNTY	AVG. FLOW PRESSURE	SHIFT-IN PRESSURE	TOTALS									
GAS MCF	<u>262</u>	<u>299</u>	<u>253</u>	<u>186</u>	<u>263</u>	<u>243</u>	<u>240</u>	<u>238</u>	<u>203</u>	<u>303</u>	<u>0</u>	<u>209</u>	<u>2549</u>	
OIL, BBL	<u>J-21</u>	<u>F-18</u>	<u>M-20</u>	<u>A-20</u>	<u>M-26</u>	<u>J-22</u>	<u>J-24</u>	<u>A-21</u>	<u>S-20</u>	<u>0</u>	<u>32</u>	<u>N-21</u>	<u>D-21</u>	<u>256</u>
DAYS ON LINE	<u>31</u>	<u>28</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>31</u>	<u>31</u>	<u>31</u>	<u>30</u>	<u>31</u>		
YEAR 19	<u>81</u>													

API	FARM	COUNTY	AVG. FLOW PRESSURE	SHIFT-IN PRESSURE	TOTALS								
GAS MCF	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>								
OIL, BBL	<u>J----</u>	<u>F----</u>	<u>M----</u>	<u>A----</u>	<u>M----</u>	<u>J----</u>	<u>J----</u>	<u>A----</u>	<u>S----</u>	<u>0----</u>	<u>N----</u>	<u>D----</u>	<u>---</u>
DAYS ON LINE	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
YEAR 19	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	

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



New Location Drill Deeper Abandonment

Minimum Error of Closure 1" IN 200"

Source of Elevation WELL FILE NO. WIRT 612 ELEV 985.27

"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 1 Acres 50 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 985

Quadrangle Spencer

County Wirt District Spring Creek

Engineer Clintwood J. Carter

Engineer's Registration No. L.S. 71

File No. _____ Drawing No. _____

Date 12-29-72 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. Wirt-616

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.



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

November 14, 1973

Mr. Ken Priest
P. O. Box 246
Charleston, West Virginia

Dear Mr. Priest:

Our letter to you as Agent for National Petroleum Corp. dated November 2, 1973 has been returned to us marked "Refused", "Not Agent for National Petroleum any longer."

Chapter 22, Article 4, Section 1k, says in part: "Every well operator required to designate an agent under this section shall within five days after termination of such designation notify the department of such termination and designate a new agent."

If you are no longer an Agent for this company it would be worth your while to make sure a new agent is registered with us. Until a new agent is designated we have no choice but to hold you responsible as National Petroleum's Agent.

If you have any questions please feel free to call.

Very truly yours,

Robert L. Dodd, Deputy Director
Oil and Gas Division

RLD/1s

WV-616

01/26/2024

E-3



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 12 1973

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

Permit Number Wirt. --
Company National Petroleum Corp.
c/o Ed Knezevich
Address 6161 Busch Blvd.
Street
Columbus
City
Ohio 43229
State

Farm Julia Blankenship Acres 50
Location of Well (Waters) L.K. River
Company Well No. I
District Spring Creek
County Wirt

Responsible Agent Ed Knezevich
Address 6161 Busch Blvd., Columbus, Ohio

The above described well is being posted this 11 day of Sep't., 1973. A copy of this violation notice has this day been posted at the well site and either delivered personally or sent by Registered Mail, (return receipt requested) to the above address in accordance with the provisions of Chapter 22, Article 4, Section 1g of the Official Code of West Virginia for the following violation.

Chapter 22, Article 4, Section 13, 14
Administrative Regulation Rule No. 2 18

Detailed description of violation:

- Sect. 14: Waste of Gas in the production of oil. Flowing procedures have been used since the well was completed.
- Rule 2: 18 Necessary equipment has not been installed in the well to prevent the waste of gas.

You are hereby granted until Immediately, 1973 to totally abate the above described violation.

Failure to comply with this order will prompt action by the Oil and Gas Division under Chapter 22, Article 4, Section 17, Offenses, Penalties, or Chapter 22, Article 4, Section 18, Injunctive Relief of the West Virginia Code.

Signed Harry A. Holliday
Oil and Gas Inspector
Date Sep't. 11, 1973

Copy H - Holliday

01/26/2024

E-8

National Petroleum Corp.

Drill	Gorretson # 2A,	Spring Creek,	Wirt Co.
Plug	West Ravenswood Dist.		Jackson Co.
Plug	Head	"	"
Plug	Canady	"	"
Plug	Mc Glothlin Union	"	Jackson
Plug	Hughes-Nyburn Ravenswood	"	"
Plug	Porter	"	"
Plug	Wildman	"	"
Plug	Mullins	Union	"

346-9646

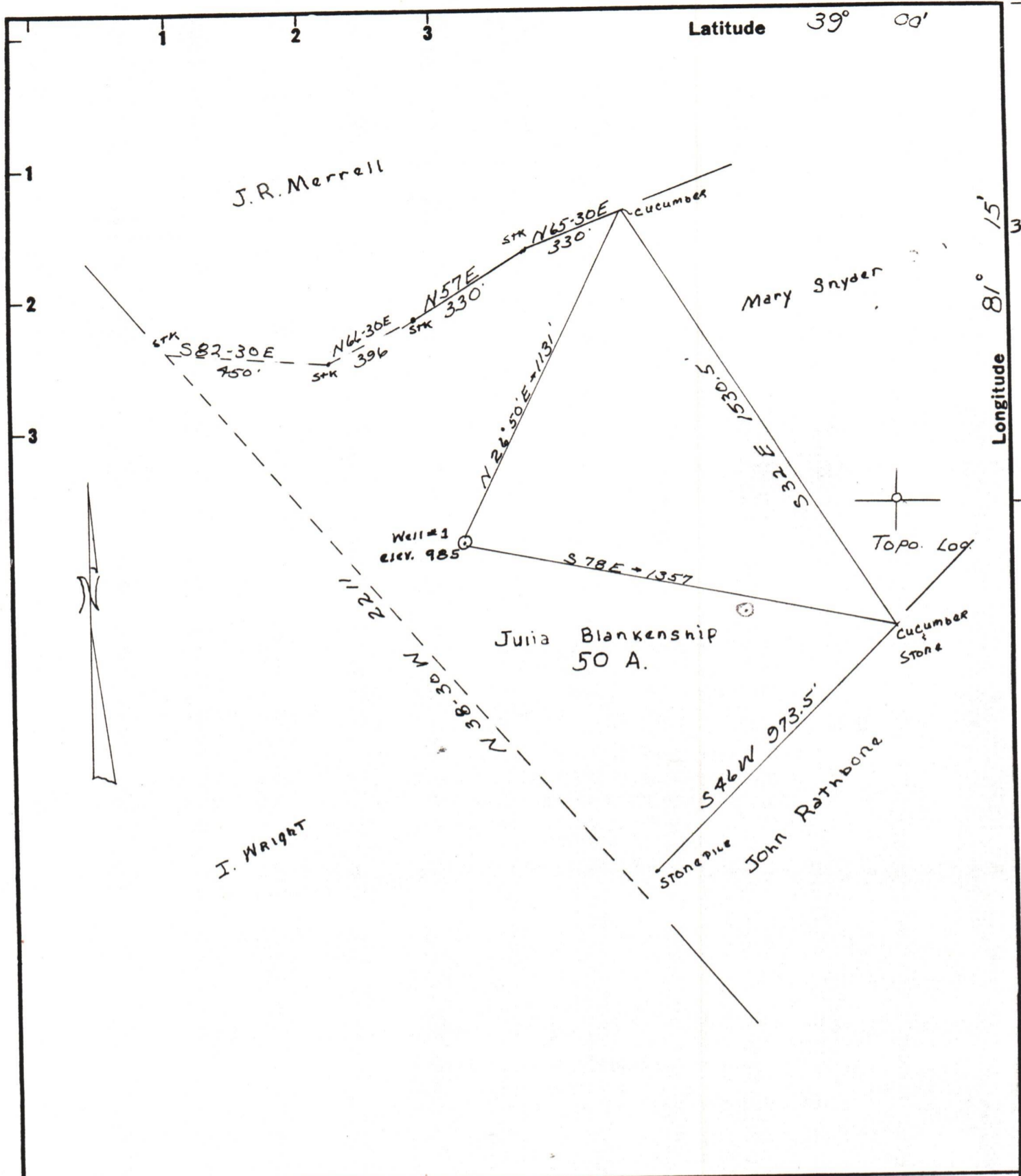
Mr. Galliker

01/26/2024

1/3/73 CEN

0.83 m

Latitude 39° 00'



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1" IN 200'
 Source of Elevation WELL ELEV. NO. WIRT 612 ELEV. 985.27

"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 1 Acres 50 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 985
 Quadrangle Spencer
 County Wirt District Spring Creek
 Engineer Clinton J. Carter
 Engineer's Registration No. L.L.S. 71
 File No. _____ Drawing No. _____
 Date 12-29-72 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. Wirt-616 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.



RECEIVED

DEC 19 1973

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Rotary _____ Oil _____
Cable X Gas _____
Recycling _____ Comb. X NO. 1
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Spencer
WIRT
Permit No. 616

Company National Petroleum Corporation
Address P. O. Box 29228, Columbus, Ohio
Farm Julia A. Blankenship Acres 50
Location (waters) Little Kanawha
Well No. 1 Elev. 985
District Spring Creek County Wirt
The surface of tract is owned in fee by Alvin Engleke
Address Glenville, W. Va.
Mineral rights are owned by Cabot Corp.
Address Charleston, W. Va.
Drilling Commenced 12/28/72
Drilling Completed 2/12/73
Initial open flow show cu. ft. show bbls.
Final production 700M cu. ft. per day 25 bbls.
Well open 2 hrs. before test 710 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			cemented to surfac 50 sacks
Cond. 13-10"			
9 5/8			
8 5/8	300	300	
7	1842	0	
5 1/2			
4 1/2	2020	2020	
3			
2	1945	1945	
Liners Used			

Well treatment details: Attach copy of cementing record.
Perf. injun 1960-90 34 holes fraced Injun with 810 bbl. water & 40,000# 20/40 sand by Halliburton

Coal was encountered at none Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1960-90

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sandstone	Brn	hard	0	140		
shale	grey	soft	140	410		
Sandstone	grey	hard	410	480		
Shale	grey	soft	480	1245		
Sandstone	white	hard	1245	1420		
Shale	grey	soft	1420	1625		
Sandstone	white	hard	1625	1760		
Shale	grey	soft	1760	1812		
Big Lime	grey	hard	1812	1894		
Big Injun	white	hard	1894	1994	oil & gas	01/26/2024
Shale	grey	soft	1994	2023		
Total Depth			2023			

(over)

* Indicates Electric Log tops in the remarks section.

B-4

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-616

Oil or Gas Well OG
(KIND)

Company <u>NATIONAL PETROLEUM CORP.</u> <u>20. ED HUEZUICH</u> <u>6161 BUSH 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			Kind of Packer
Well No. <u>I</u>	13			
District <u>SPRING CREEK</u> County <u>WEST</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Initial open flow	3			Perf. top
Open flow after tubing	2			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil				
Fresh water				
Salt water				

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

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:-
VIOL POSTED SEPT. 9, 1973 HAS BEEN PARTIALLY CORRECTED.
PUMPING EQUIPMENT HAS NOT BEEN INSTALLED.
WELL IS SAUT IN AT WELL HEAD.
FLOWING PROCEDURES HAVE BEEN STOPPED.
NO IDENTIFICATION PLATE AT WELL
LOCATION NOT CLEANED.

12-21-73
DATE

[Signature]
DISTRICT WELL INSPECTOR
01/26/2024

B-5

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

RECEIVED
JAN 29 1973

INSPECTOR'S WELL REPORT

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

Permit No. WIRT-616

Company <u>National Petroleum Corporation</u> Address <u>Columbus, Ohio</u> Farm <u>Julia A. Blankenship</u> Well No. <u>1</u> District <u>Spring Creek County Wirt</u> Drilling commenced <u>1/12/73</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16			
	1 3/8	1028		
	10	300		Size of
	8 1/4			
	6 5/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
	NAME OF SERVICE COMPANY _____			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Drilling at 1028 ft. Hank Pence Cable Tool drilling Contractor.

1/23/73

DATE

Fred Burdette

DISTRICT _____
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

DISTR. 01/26/2024

B, Y

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

RECEIVED
FEB 21 1973

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

Permit No. WIRT-616

Oil or Gas Well Gas
(KIND)

Company <u>National Petroleum Corporation</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address <u>Columbus, Ohio</u>	16			
Farm <u>Julia A. Blankenship</u>	13			
Well No. <u>1</u>	10	300 -	Cemented to surface.	
District <u>Spring Creek</u> County <u>Wirt</u>	8 3/4	8	1028	
Drilling commenced <u>1/12/73</u>	6 5/8	7	1830	Depth set
Drilling completed _____ Total depth _____	5 3/8	4 1/2	2031	
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Drilling at 2031 ft. Hank Pence Cable Tool drilling Contractor.

2/15/73

DATE

Fred Burkette

DISTRICT WIRT 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 _____ 01/26/2024



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

~~February 24, 1976~~

July 21, 1978

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

Paul Goodnight
Smithville, W.Va.

PERMIT	<u>WIRT-616</u>
COMPANY	<u>National Petroleum Co. (Mumma Oil Prod.)</u>
FARM	<u>Julia A. Blankenship</u>
WELL NO	<u>1</u>
DISTRICT	<u>Spring Creek</u>
COUNTY	<u>Wirt</u>

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/ ch m (Plat attached)

P.S. Another one (2) years over-due.....

01/26/2024



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

January 17, 1975

B-12
National Petroleum Corporation
P.O. Box 29228
Columbus, Ohio 43229

In Re: Permit No. WINT-616
Farm Julia A. Blankenship
Well No. 1
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.

XXXXXX 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 12-29-72 (Travelers Indemnity Co.)
Mailed directly to: Ins. Co. - Mr. Dewitt C. Gallaher)

01/26/2024

PARTICIPANTS:

DATE: JUN 24 1981

BUYER-SELLER C

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
91-2-27-108-105 = 0616
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies J. E. Huggins

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 years

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: 12-30-72 Date completed 2-12-73 Deepened

(5) Production Depth: 1960-1996

(5) Production Formation: Bis Injun

(5) Final Open Flow: 700 mcf

(5) After Frac. R. P. 170 # 48 hrs.

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: $\frac{2399}{365} = 7.1 \text{ mcf, oil } \frac{236}{365} = 0.7 \text{ BBL.}$

(8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{412}{92} = 4.5 \text{ mcf, oil } \frac{64}{91} = 0.7 \text{ BBL.}$

(8) Line Pressure: 65 # 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 01/26/2024

Additional information _____ Does computer program confirm? _____

Was Determination Objected to _____ By Whom? _____

5

Describe the search made of any records listed above:

WE HAVE ALL THE SUBJECT RECORDS ON FILE. ALSO, CABOT PROVIDES MONTHLY GAS PRODUCTION STATEMENTS (SALES) AND WHEN OIL IS SHIPPED WE RECEIVE STATEMENTS FROM BOTH EUREKA AND QUAKER STATE OIL REF. GRP.

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, 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, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26 day of February, 1981.

My term of office expires on the 25 day of August, 1981.

[NOTARIAL SEAL]

Michael B. Boyle Jr.
Notary Public
MICHAEL B. BOYLE, JR., NOTARY PUBLIC
WHITEHALL TOWNSHIP, LEHIGH COUNTY
MY COMMISSION EXPIRES AUG. 25, 1984
Member, Pennsylvania Association of Notaries

01/26/2024

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

Date FEB 24, 19 81
Operator's Well No. BLANKENSHIP #1
API Well No. 47 - 105 - 616
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.)

1. PUMPJACK
2. TUBING
3. RODS
4. FLOW LINES
5. SEPARATOR
6. STORAGE OR TANK BATTERY
7. 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 - CABOT CORPORATION AND MUMMA OIL PROD. CO
OIL - EUREKA AND/OR QUAKER STATE OIL REFINING CORP.
PARKERSBURG, W.VA. OIL CITY, PA.

2. TAX RECORDS :

OUR OFFICE AND STATE TAX DEPT. OF W.VA.

3. ROYALTY PAYMENTS :

SAME PARTIES LISTED ABOVE - CABOT CORPORATION, QUAKER STATE OIL REFINING CORP. AND MUMMA OIL PROD. CO.

01/26/2024

A-11



State of West Virginia

Department of Mines

Charleston 25305

JOHN ASHCRAFT
DIRECTOR

PAUL C. RILEY
DEPUTY DIRECTOR

December 11, 1974

Win-616

Mumma Oil Production Company
3620 Hamilton Boulevard
Allentown, Pennsylvania

In Re: Julia Blankenship Farm - Wells No. 1 and 2
Spring Creek District of Wirt County

Gentlemen:

According to a letter from Mr. Kenneth Priest, Responsible Agent for National Petroleum Corporation, dated December 6, 1974, your company now owns the above captioned wells. A copy of Mr. Priest's letter is enclosed along with a copy of an inspection report dated December 21, 1973 for Well No. 1.

If your company has purchased these wells we suggest that you immediately appoint a resident of this state as Agent, who shall be an Attorney in Fact for your company upon whom notices, orders, or other communications may be served. Please refer to Chapter 22, Article 4, Section 1-k (page 31-32), also Rule 2.22 Transfer of Title (page 18) of the enclosed Oil and Gas Administrative Regulations.

An immediate reply to this letter is requested.

Very truly yours,

Robert L. Dodd, Deputy Director
Oil and Gas Division

RLD/lis
Encl.

cc - National Petroleum Corp.
Mr. Harry Holliday, Inspector at Large

01/26/2024