



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC - 6 1978

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Ry

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

DATE December 4, 1978

Surface Owner Richard Bingham

Company Industrial Gas Associates

Address Lake Park Florida

Address Box 1610 Greenwich Conn.

Mineral Owner Richard Bingham et al

Farm Richard Bingham Acres 94.25

Address Lake Park, Florida

Location (waters) Rowles Run

Coal Owner N/A

Well No. One (1) Elevation 800-832

Address N/A

District Lee County Calhoun

Coal Operator N/A

Quadrangle Annamoriah

Address N/A

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 4-12-78.

Robert T. ...

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Richard Morris

ADDRESS Grantsville, W. Va.

PHONE 354 7259

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 November 22 19 77 by Richard Bingham made to Prior Oil Co. and recorded on the 18 day of January 1978, in Calhoun County, Book 070 Page 224

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

Very truly yours,

(Sign Name) John Cushing
Well Operator

Address of Well Operator
Industrial Gas Associates
Street
Box 1610
City or Town
Greenwich, Conn
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.

47-013-2887 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 XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Gene Stalanker, Inc. NAME Dallas Frederick
 ADDRESS Letter Gap, W. Va. ADDRESS Nobe, W. Va.
 TELEPHONE 462-7092 TELEPHONE 354-7484
 ESTIMATED DEPTH OF COMPLETED WELL: 2500 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX 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	230	230	Cir
7			
5 1/2			
4 1/2		2500	125 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS N/A _____
 IS COAL BEING MINED IN THE AREA? N/A _____ 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

12/01/2023

RECLAMATION PLAN

WELL NO. One (1)

QUADRANGLE Annormoriah

SCALE 1:24,000

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



COMPANY NAME Industrial Gas Associates

PERMIT NO. 47-013-2887

FARM Richard Bingham

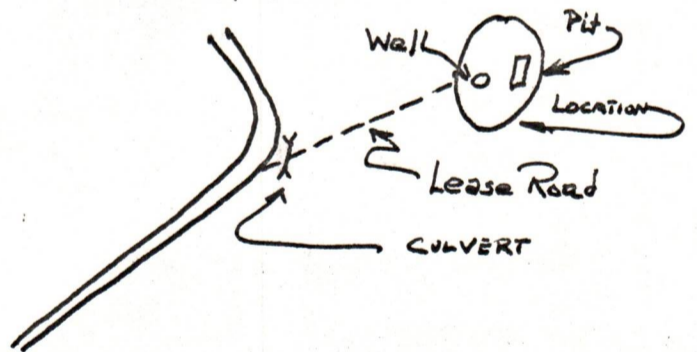
DISTRICT Lee

COUNTY Calhoun

STATEMENT OF RECLAMATION PLAN:

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

Lease access road to be where necessary. Pit to catch silt to be constructed below ditch or culvert across road. Upon completion of drilling the pit, the location will be reclaimed allowing only the necessary area operate the well. The cut area and all unused disturbed areas will be reseeded.



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OIL & GAS DIVISION
DEPT. OF MINES

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 12/01/2023 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: John Cushing Title Agent Date 12-4-78
file



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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APR 26 1979

Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Annamoriah
Permit No. 47-013-2887

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

Company Industrial Gas Associates
Address Box 1610, Greenwich, Conn
Farm Richard Bingham Acres 94.25
Location (waters) Howells Run
Well No. 1 Elev. 832
District Lee County Calhoun
The surface of tract is owned in fee by _____
Richard Bingham
Address Lake Park, Fla.
Mineral rights are owned by Richard Bingham, et al
Address Lake Park, Fla
Drilling Commenced 12/13/78
Drilling Completed 12/18/78
Initial open flow Show _____ cu. ft. _____ bbls.
Final production 400,000 cu. ft. per day 3 bbls.
Well open 2 hrs. before test 400 RP.
Well treatment details:

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	236'	236'	100 sks
5 1/2			
4 1/2	2328	2328	140 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Berea - Fraced with 344 BBLs water - 27,000# sand

Coal was encountered at None Feet _____ Inches
Fresh water 40 Feet _____ Salt Water _____ Feet _____
Producing Sand Berea Depth 2246 - 2262

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil	Brown	Soft	0	10		
Sand & Shale	Black	Soft	10	1500		
Shale	Black	Soft	1500	1560		
Salt sand	White	Hard	1560	1620		
Shale	Black	Soft	1620	1641		
Maxon sand	White	Hard	1641	1685		
Shale	Black	Soft	1685	1695		
Little lime	White	Hard	1695	1725		
Big lime	White	Hard	1725	1778		
Keener sand	White	Hard	1778	1815		
Shale	Black	Soft	1815	1850		
Big Injun	White	Hard	1850	1888		
Squaw	White	Hard	1896	1924		
Shale	Black	Soft	1924	2246		
Berea Sand	Brown	Med.	2246	2262		
Shale	Black	Soft	2262	2350		
T.D.				2350		

12/01/2023

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks

12/01/2023

Date 4-20 19 79

APPROVED John Cushing Owner

By agent (Title)

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

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DEC 18 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. CA12887

Oil or Gas Well _____
(KIND)

Company <u>Industrial Gas Associates</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>Greenwich Conn</u>	Size			
Farm <u>Rural Bingham</u>	16			Kind of Packer _____
Well No. <u>one</u>	13			
District <u>Lee</u> County <u>Calhoun</u>	10			Size of _____
Drilling commenced <u>14 Dec 78</u>	8 1/4 <u>8 5/8"</u>	<u>237'</u>	<u>237'</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>237'</u> No. FT <u>14 Dec 78</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell 100SK</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

14 Dec 78
DATE

R. H. M.
507
DISTRICT WELL INSPECTOR
12/01/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

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

DATE

DISTRICT WELL INSPECTOR
12/01/2023

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

RECEIVED
DEPARTMENT OF MINES ENERGY

APR 23 1986

INSPECTOR'S WELL REPORT

Permit No. 13-2887

(12-12-78)

Oil or Gas Well _____
(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
																Size			Kind of Packer
Industrial Gas Assoc.		R. Bingham	1	See	Cal											16			
																13			
																10			
																8 1/4			
																6%			
																5 3/16			
																3			
																2			
																Liners Used			

Drillers' Names _____

Remarks:

Release Reclamation.

4-19-86

DATE

Dec Moore

12/01/2023
DISTRICT WELL INSPECTOR

PARTICIPANTS:

DATE:

JAN 21 1980

WELL NUMBER:

WELL OPERATOR: Industrial Gas Associates

023940

FIRST PURCHASER: Cabot Corporation

002733

OTHER:

Drained Section 103 new water production well
Jays

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

WELL DETERMINATION FILE NUMBER

790514 - 103 - 013 - 2887

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 HAYS & Company, Inc., Allen W. Holmes Jr.
- 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 133M/1
- 7 IV-39- Annual Production - years No Annual
- 8 IV-40- 90 day Production - Days off Line: NO
- 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: 12-13-78
Date Completed: 12-18-78 Deepened _____
- (5) Production Depth: 2246-2262
- (5) Production Formation: Berea
- (5) Final Open Flow: 400 MCF
- (5) After Completion Flow: 400 - 2 hrs.
- (6) Other Gas Tests: _____
- (7) Avg. Daily Gas from Annual Production: No Production
- (8) Avg. Daily Gas from 90-day or less w/1-120 days: No Production
- (8) Line Pressure: N/A PSIG from Daily Report _____
- (5) Oil Production: No From Completion Report _____

(10-17) Does lease inventory indicate enhanced recovery being done: No 12/01/2023

(10-17) Is affidavit signed? Notarized?

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

Additional Information _____ Does computer program confirm? _____

Use Date of this Copy as Date of _____

SML

Date April 25, 19 79

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

Operator's Well No Bingham No. 1
API Well No. 47 - 013 - 2887
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Hays and Company
ADDRESS P.O.B. 590
Spencer, WV 25276

WELL OPERATOR Industrial Gas Assoc.
ADDRESS P.O.B. 1610
Greenwich, CT 06830

LOCATION: Elevation 832'
Watershed Little Rowles Run
Dist. Lee County Calhoun Quad Annamariah 7 1/2'

GAS PURCHASER Cabot Corp.
ADDRESS POB 1473
Charleston, WV 25325

Gas Purchase Contract No. New well
Meter Chart Code -
Date of Contract -

* * * * *

Date surface drilling was begun: 12-13-78

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

Bottom Hole Pressure = 418 (approx.)

Bottom of Perf. @ 2262'. Use .2 psi per 100' of depth per 100 psi of shut in surface pressure. SIP = 400 psi.

$$\text{Therefore; BHP} = 400 + \frac{2262}{100} \times .2 \times \frac{400}{100} = 418 \text{ psi}$$

AFFIDAVIT

I, A.W. Holmes, Jr., 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.

Allen A. Holmes Jr.

STATE OF ~~WEST VIRGINIA~~ CONNECTICUT

COUNTY OF FAIRFIELD, TO WIT:

I, C. W. Wilson, a Notary Public in and for the state and county aforesaid, do certify that Allen A. Holmes Jr., whose name is signed to the writing above, bearing date the 25th day of April, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25th day of April, 19 79.

My term of office expires on the ___ day of ___

NOTARY PUBLIC
My Commission Expires March 31, 1989

[NOTARIAL SEAL]

Allen A. Holmes Jr.
Notary Public

12/01/2023

FERC-121

RECEIVED
 SEP 22 1982
 OIL & GAS DIVISION
 DEPT. OF MINES
 013700
 Seller Code

1.0 API well number: (If not available, leave blank. 14 digits.)	47-013-2887			
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.)	2350 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Industrial Gas Assoc. Name P. O. Box 1610 Street Greenwich City		Conn State	06830 Zip Code
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Lee District Field Name Calhoun County		WV State	
(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.)	Richard Bingham #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Berea			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Cabot Corporation Name		002733 Buyer Code	
(b) Date of the contract:	12, 01, 75 Mo. Day Yr.			
(c) Estimated annual production:	3.4 MMcf.			
	(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.)	1.750	---	---	1.750
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	3.429	.457	---	3.886
9.0 Person responsible for this application:	Industrial Gas Assoc.			
Agency Use Only	Name W. Keele		Title	
Date Received by Juris. Agency SEP 22 1982	Signature			
Date Received by FERC	Sept. 8, 1982 Date Application is Completed		(203) 869-9099 Phone Number	

FT7940806/2 2

12/01/2023

PARTICIPANTS:

DATE: JAN 24 1983

BUYER-SELLER CODE

WELL OPERATOR: Industrial Gas Assoc.

023940

FIRST PURCHASER: Cabat Corp.

002733

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82902 -108-013 = 2887
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 7.0 b c 8.0 c
- 2. IV-1 Agent George Gainer
- 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 19 Months 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: 12-13-78 Date completed 12-18-78 Deepened
- (5) Production Depth: 2246.62
- (5) Production Formation: Berea
- (5) Final Open Flow: 400 MCF
- (5) After Frac. R. P. 400#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: < 60 MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days < 60 MCF
- (8) Line Pressure: NA 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? _____

12/01/2023

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

Date Sept. 8, 1982

Operator's Well No. #1

API Well No. 47 - 013 - 2887
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Hays Company, Inc.

ADDRESS PO Box 570
Spencer WV 25276

WELL OPERATOR Industrial Gas Assoc.

ADDRESS P. O. Box 1610
Greenwich, Conn 06830

GAS PURCHASER Cabot Corporation

ADDRESS P. O. Box 8807
So. Chas. WV 25303

LOCATION: Elevation 832

Watershed Howels Run

Dist. Lee County Calhoun Quad. Annamoriah

Gas Purchase Contract No. GPC1-492

Meter Chart Code _____

Date of Contract 12/1/75

* * * * *

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.)

Gathering Lines
Drips
Well head

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:

Production Records
Payment
Royalty Records
Drilling Records
B & O Tax Records
Ad Volorem Records
Well test Records

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

Date Sept. 8 19 82

Operator's Well No. #1

API Well No. 013 - 2887
State 013 County Putnam

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Industrial Gas Assoc.
ADDRESS P. O. Box 1610
Greenwich, Conn. 06830

Gas Purchase Contract No. GPC1-492 and Date 12/1/75
Meter Chart Code _____
(Month, day and year)

Name of First Purchaser Cabot Corporation
P. O. Box 8807
(Street or P. O. Box)
South Charleston, WV 25303
(City) (State) (Zip Code)

DESIGNATED AGENT Hays & Company, Inc.
ADDRESS PO Box 590
Spencer, WV 25276

FERC Seller Code _____ FERC Buyer Code 002733

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA Partner Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Industrial Gas Assoc. Partner
Name (Print) Title
[Signature]
Signature
P. O. Box 1610
Street or P. O. Box
Greenwich, Conn 06830
City State (Zip Code)
003 869-9099
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1975 (NGPA). for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA). or for determination of a seasonally affected well under Section 109 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

SEP 22 1982

Date received by Jurisdictional Agency _____

By [Signature] 12/01/2023
Title _____

Describe the search made of any records listed above:

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, D.W. Keefe, 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.

D.W. Keefe

Connecticut

STATE OF ~~WEST VIRGINIA~~.

COUNTY OF Fairfield, TO WIT:

I, Florence Frangione a Notary Public in and for the state and county aforesaid, do certify that David W Keefe, whose name is signed to the writing above, bearing date the 16 day of Sept., 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 16 day of Sept., 1982

My term of office expires on the 1 day of April, 1987.

FLORENCE F. FRANGIONE
Notary Public, Fairfield Co.
My Commission Expires Apr. 1, 1987

Florence F. Frangione
Notary Public

12/01/2023

[NOTARIAL SEAL]

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

REPORT DATE _____

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

OPERATOR Industrial Gas Assoc.

12/01/2023

YEAR 19 81

~~47-013~~

API 2887

FARM Richard Bingham

COUNTY Calhoun

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF	<u>354</u>	<u>305</u>	<u>280</u>	<u>318</u>	<u>300</u>	<u>272</u>	<u>297</u>	<u>405</u>	<u>228</u>	<u>210</u>	<u>199</u>	<u>259</u>	GAS
OIL BBL	J- <u>31</u>	F- <u>28</u>	M- <u>31</u>	A- <u>30</u>	M- <u>31</u>	J- <u>30</u>	J- <u>31</u>	A- <u>31</u>	S- <u>30</u>	O- <u>31</u>	N- <u>30</u>	D- <u>31</u>	OIL
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>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	
													3427
													365

YEAR 19 82

~~47-013~~

API 2887

FARM Richard Bingham

COUNTY Calhoun

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF	<u>189</u>	<u>181</u>	<u>213</u>	<u>181</u>	<u>497</u>	<u>535</u>	<u>432</u>	<u>405</u>	<u>228</u>	<u>210</u>	<u>199</u>	<u>259</u>	GAS
OIL BBL	J- <u>31</u>	F- <u>28</u>	M- <u>31</u>	A- <u>30</u>	M- <u>31</u>	J- <u>30</u>	J- <u>31</u>	A- <u>31</u>	S- <u>30</u>	O- <u>31</u>	N- <u>30</u>	D- <u>31</u>	OIL
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>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	
													2228
													212

YEAR 19 _____

API _____

FARM _____

COUNTY _____

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

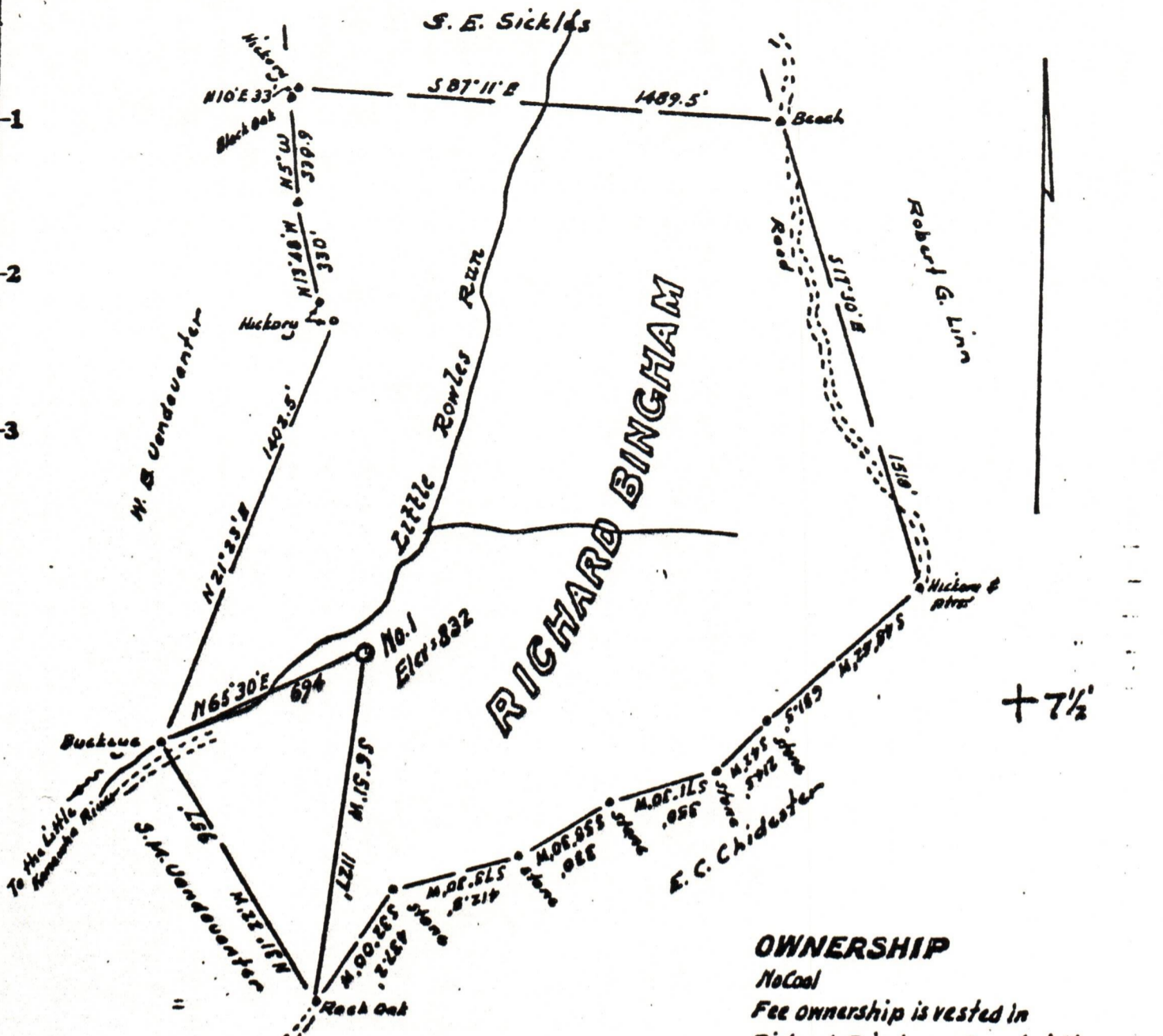
TOTALS

GAS MCF	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	GAS
OIL BBL	J- <u>31</u>	F- <u>28</u>	M- <u>31</u>	A- <u>30</u>	M- <u>31</u>	J- <u>30</u>	J- <u>31</u>	A- <u>31</u>	S- <u>30</u>	O- <u>31</u>	N- <u>30</u>	D- <u>31</u>	OIL
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>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	

API NUMBERS

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.



RICHARD BINGHAM

+ 7 1/2'

OWNERSHIP

No Coal
Fee ownership is vested in
Richard Bingham, Grantsville,
West Va.

LEGEND

- Plotted from dead calls
- Survived Lines
- Roads
- Well Location

Note: - Plotted from calls in deed from
L. L. & H. VanDevanter to Mason VanDevanter
dated 2/6/1918 Recorded in Deed Book 57, page 76

Minimum Error of Closure Lin 200

Source of Elevation USGS B.M. at the mouth of Little Rowles Run = 658

- Fracture
- New Location
- Drill Deeper
- Abandonment

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.

Signed: [Signature]
Squares: N E W

Company INDUSTRIAL GAS ASSOCIATES
 Address P.O. Box 1610, Greenwich, Conn.
 Farm Richard Bingham
 Tract _____ Acres 94.25 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 832'
 Quadrangle Annamariah 7 1/2
 County Calhoun District Lee
 Engineer [Signature]
 Engineer's Registration No. 1225 LLS 200
 File No. _____ Drawing No. _____
 Date Dec. 8, 1978 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. 013-2887 1201/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.