



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
MAR 24 1977
OIL & GAS DIVISION
DEPT. OF MINES

RK

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

DATE March 22, 1977
Appalachian Exploration & Development, Inc.
Company Development, Inc.
Address Box 628, Charleston, W.Va. 25322
Farm Secondo Dal Porto Acres 75
Location (waters) Twenty Mile Creek
Well No. 1 Elevation 865'
District Jefferson County Nicholas
Quadrangle Lockwood (7.5' Series)

Surface Owner Dalporto Development Company
Box 149
Address Montgomery, W.Va. 25136
Mineral Owner Same as above.
Address " " "
Coal Owner " " "
Address " " "
Coal Operator Not operated.
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 7-25-77.

Robert H. [Signature]

Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR
TO BE NOTIFIED Paul Thomas
ADDRESS Summersville, W. Va.
PHONE 872-3070

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 December 10 1974 by Dalporto Development Co. made to Appalachian Exploration & Development, Inc. and recorded on the 6th day of February 1975, in Nicholas County, Book 42 Page 783.

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
Appalachian Exploration & Development, Inc.
(Sign Name) James R. Cramblett
Well Operator

Box 628 _____
Street _____
Charleston, _____
City or Town _____
West Virginia 25322 _____
State _____

11/17/2023

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

BLANKET BOND

Nic-417 PERMIT NUMBER
47-067

"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 James R. Cramblett

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Clint Hurt & Assoc., Inc. NAME J.R. Cramblett
 ADDRESS Box 1973, Midland, Texas 79701 ADDRESS Box 628, Charleston, W.Va. 25322
 TELEPHONE -- TELEPHONE 344-8355
 ESTIMATED DEPTH OF COMPLETED WELL: 1825' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	570'	570'	circ.
7			
5 1/2			
4 1/2	1825'	1825'	45 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 55 FEET _____ SALT WATER 700 FEET _____
 APPROXIMATE COAL DEPTHS 75' and 530'
 IS COAL BEING MINED IN THE AREA? No. BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

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

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

Formation	Color	Hard or Soft	Top Feet ^S	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Cement Record</u>						
<u>Casing .</u>			<u>No. of sks.</u>		<u>Type Cement</u>	
8-5/8"			250 sks.		cement circulated	
4-1/2"			40 sks.			

11/17/2023

Date May 27 19 77
 APPALACHIAN EXPLORATION & DEVELOPEMENT, INC.
 APPROVED J. M. [Signature] Owner
 By District Production Superintendent
 (Title)



RECEIVED

JUN - 7 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 5

Quadrangle Lockwood

Permit No. Nic-417

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

Company Appalachian Exploration & Dev., Inc.
Address Box 628, Charleston, W.Va. 25322
Farm Secondo Dalporto Acres 75
Location (waters) Twenty Mile Creek
Well No. 1 Elev. 865'
District Jefferson County Nicholas
The surface of tract is owned in fee by Dalporto Development Company
Address Box 149, Montgomery, W.Va. 25136
Mineral rights are owned by Same as above
Address Same as above
Drilling Commenced 4/11/77
Drilling Completed 4/19/77
Initial open flow _____ cu. ft. _____ bbls.
Final production 1,426 M cu. ft. per day _____ bbls.
Well open 4 hrs. before test 570# 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	570'	570'	
7			
5 1/2			
4 1/2	1825'	1825'	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated Keener-Injun from 1738-52' (14 holes). Broke down Keener-Injun with 500 gals. 15% acid at 600#. Ran 15,000# 80/100 and 45,000# 20/40 sand in 750 bbls. of 5% acid gel (total fluid 855 bbls.) AIR 22 BPM, ATP 1352#. ISIP 550#; 51 minutes, 400#.

Coal was encountered at 75' and 530' Feet _____ Inches _____
Fresh water 55 Feet _____ Salt Water 700 Feet _____
Producing Sand Keener-Injun Depth 1738-52'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale			0	75		
Coal			75	76		
Sand and Shale			76	530		
Coal			530	532		
Shale			532	629		
Sand			629	870		
Shale and Silt			870	1130		
Sand			1130	1186		
Shale and Sand			1186	1387		
Lime			1387	1438		
Shale and Lime			1438	1536		
Big Lime			1536	1728	*	
Keener			1728	1750	*	
Injun			1750	1760	*	
Shale			1760	T.D.		
					DTD 1825'	
					LTD 1820'	

11/17/2023

(over)

* Indicates Electric Log tops in the remarks section.

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

RECEIVED

APR 19 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Nic-417

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>A. F. D.</u>	Size			
Address	<u>Chas. W. A.</u>	16			Kind of Packer
Farm	<u>Secundo Dal Porto</u>	13	<u>20'</u>		
Well No.		10			Size of
District	<u>Jefferson</u> County <u>Nicholas</u>	8 3/4	<u>560'</u>		
Drilling commenced	<u>4-11-77</u>	6 5/8			Depth set
Drilling completed		5 3/16			
Date shot		3			Perf. top
Initial open flow		2			Perf. bottom
Open flow after tubing		Liners Used			Perf. top
Volume					Perf. bottom
Rock pressure		CASING CEMENTED <u>8 5/8"</u> SIZE <u>560'</u> No. FT. _____ Date _____			
Oil		NAME OF SERVICE COMPANY <u>Cement to surface</u>			
Fresh water	<u>25 4" H₂O</u>	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names

Walter Casto - Pepton
Hurt Dalg C. Potony

Remarks:

Cementing 8" Csg. Called 7:00 A.M.
ON Job 9:30 A.M.
Job started 1:30 P.M.
Plug down 2:00 P.M.

4-19-77
DATE

Paul Thomas
DISTRICT WELL INSPECTOR

11/17/2023

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
11/17/2023

BOND RELEASE

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

INSPECTOR'S WELL REPORT

Permit No. NIC 417

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>A E D</u>	Size			
<u>CHARLESTON</u>	16			Kind of Packer
<u>SECONDO DALPORTO</u>	13			
<u># 1</u>	10			Size of
<u>JEFFERSON</u> County <u>NIC</u>	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
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	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names _____

Remarks: CHECKED NIC 417 AS MR DOBK ASKED
FOUND EVERY THING O.K.

RECEIVED
DEC - 4 1978

OIL & GAS DIVISION
DEPT. OF MINES

L. R. H. HARRIS 506
DISTRICT WELL INSPECTOR

11-30-78
DATE

11/17/2023

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: _____

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

DISTRICT WELL INSPECTOR
 11/17/2023



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

December 5, 1978

Appalachian Exp. & Dev. Inc.
P.O. Box 628
Charleston, W.Va. 25322
Attn: James Cramblett

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

NIC-417 - Secondo Dal Porto # 1 - Jefferson District

NIC-431 - C & H Corporation # B-15 - Jefferson District

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force until such time as the requirements of Chapter 22 have been met. "Bonds will stay in force for life of the wells."

Reclamation approved.....

Very truly yours,

Robert L. Dodd, Deputy Director
Oil and Gas Division

RLD/cem

11/17/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-0672-0417-0000</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA	<u>N/A</u> Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>1752</u> feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Appalachian Exploration & Devel., Inc.</u> Name		<u>000728</u> Seller Code	
	<u>P. O. Box 628</u> Street		<u>WV</u>	<u>25322</u>
	<u>Charleston</u> City	<u>WV</u> State	<u>25322</u> Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Jefferson</u> Field Name		<u>WV</u> State	
(b) For OCS wells:	<u>N/A</u> Area Name		<u> </u> Block Number	
	Date of Lease: <u> </u> <u> </u> <u> </u> Mo. Day Yr.		<u> </u> OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Secondo Dalporto #1</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>N/A</u>			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Cabot Corporation</u> Name		<u>002733</u> Buyer Code	
(b) Date of the contract:	<u>0, 2, 0, 1, 7, 8,</u> Mo. Day Yr.			
(c) Estimated annual production:	<u>129.8</u> 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.)	<u>1 9 8 0</u>	<u>.. 3 6 6</u>	Per Mcf. <u>+ . 0 1 0</u>	<u>2 3 5 6</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>1 9 8 0</u>	<u>.. 3 6 6</u>	<u>+ . 0 1 0</u>	<u>2 3 5 6</u>
9.0 Person responsible for this application:	<u>James R. Cramblett</u> Name		<u>Regional Manager</u> Drilling & Prod. Title	
Agency Use Only	<u>James R. Cramblett</u> Signature			
Date Received by Juris. Agency	<u>31 January 1979</u> Date Application Completed		<u>(304) 344-8355</u> Phone Number	
Date Received by FERC				

11/17/2023

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: 11/17/2023

BUYER-SELLER CODE

WELL OPERATOR: W. Va. Dept. of Mines, Oil & Gas

FIRST PURCHASER: W. Va. Dept. of Mines, Oil & Gas

OTHER: _____

00775
00775

*The well with all equipment for
on-site production well.*
J. P. [Signature]

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
21 - 067 - 0417
Use Above File Number on all Communications
Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 ✓ Items not completed - Line No. _____
- 2 IV-1 - Agent ✓ _____
- 3 IV-2 - Well Permit ✓ _____
- 4 IV-6 - Well Plat ✓ _____
- 5 IV-35- Well Record ✓ Drilling _____ Deepening _____
- 6 IV-36- Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7 IV-39- Annual Production _____ years
- 8 IV-40- 90 day Production _____ Days off Line: _____
- 9 IV-48- Application for Certification. Complete? _____ Affidavit _____ Signed _____
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete _____ Signed _____
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
- (5) Date Completed: _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Initial Potential: _____
- (5) Static R.P. Initially: _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____
- (10-17) Does lease inventory indicate enhanced recovery being done: 11/17/2023
- (10-17) Is affidavit signed? _____ Notarized? _____

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

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

Operator's Well No. #1

API Well No. 0672 - 0417 State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

Appalachian Exploration and Development, Inc. P. O. Box 628 Charleston, WV 25322

DESIGNATED AGENT James R. Cramblett P. O. Box 628 Charleston, WV 25322

Gas Purchase Contract No. 4-192 and Date 2/1/78 (Month, day and year)

Meter Chart Code P-4694

Name of First Purchaser Cabot Corporation P. O. Box 1473 Charleston WV 25325 (City) (State) (Zip Code)

FERC Seller Code 000728

FERC Buyer Code 002733

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 103 Category Code N/A
(2) Determination that increased production is the result of enhanced recovery technology.
(3) Determination of a seasonally affected well.

James R. Cramblett Regional Manager Drilling & Production Name (Print) Title

James R. Cramblett Signature

P. O. Box 628 Street or P. O. Box Charleston WV 25322 City State (Zip Code) 304 344-8355 Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

"STATEMENT ATTACHED"

(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, [X] for certification of the above described well as meeting the requirements of Section 103 under the Natural Gas Policy Act of 1978. (NGPA); [] or 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 108 of (NGPA)

All interested parties are hereby notified that on the 2 day of April, 1979, 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. 7901311030670417

Initial review of information submitted indicates the well [X] 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

JAN 31 1979

Date received by Jurisdictional Agency

Director By [Signature] Title

11/17/2023

Date JANUARY 31, 1979

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

Operator's Well No. #1
API Well No. 47 - 0672 - 0417
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

	DESIGNATED AGENT <u>James R. Cramblett</u>
	ADDRESS <u>P. O. Box 628</u> <u>Charleston, WV 25322</u>
WELL OPERATOR <u>Appalachian Exploration & Development, Inc.</u>	LOCATION: Elevation <u>865'</u>
ADDRESS <u>P. O. Box 628</u> <u>Charleston, WV 25322</u>	Watershed <u>Twenty Mile Creek</u>
GAS PURCHASER <u>Cabot Corporation</u>	Dist. <u>Jefferson</u> County <u>Nicholas</u> Quad. <u>Lockwood</u>
ADDRESS <u>P. O. Box 1473</u> <u>Charleston, WV 25325</u>	Gas Purchase Contract No. <u>4-192</u>
	Meter Chart Code <u>P-4694</u>
	Date of Contract <u>2/1/78</u>

* * * * *

Date surface drilling was begun: 4/11/77

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

606 PSI Bottom Hole Calculated

JAN 31 1979

"Separate Sheet Attached"

AFFIDAVIT

I, James R. Cramblett, 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.

James R. Cramblett

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha, TO WIT:

I, Charlotte J. Matthews, a Notary Public in and for the state and county aforesaid, do certify that James R. Cramblett, whose name is signed to the writing above, bearing date the 31st day of January, 1979, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 31st day of January, 1979. My term of office expires on the 31st day of December, 1980.

[NOTARIAL SEAL]

Charlotte J. Matthews
Notary Public

11/17/2023



State of West Virginia

Office of Oil and Gas

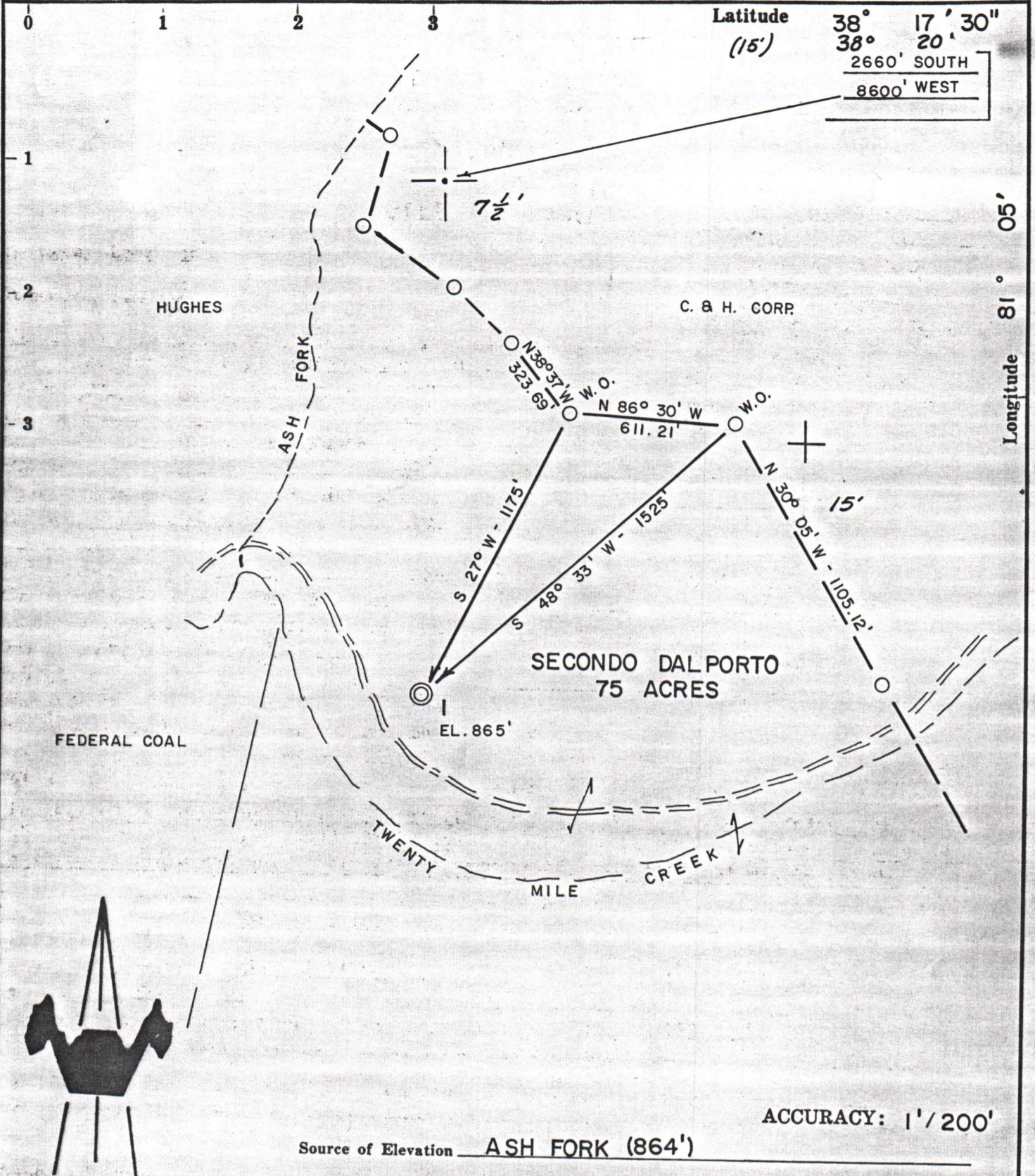
Charleston 25305

DESIGNATED AGENT <i>Appalachian Explorator and Development, Inc.</i>		PURCHASER		FILING DATE		NGPA SEC.	CO. CODE	PERMIT NO.
PURCHASER IDENTIFICATION NUMBER <i>James R. Crabbitt</i> 002733		OPERATOR'S WELL NAME OR NUMBER <i>Calat Corporation</i> <i>Secado Salpato #1</i>		YR	MO	DA		
CONTRACT NO. <i>4-192</i>		FERC CONTROL NO. <i>79-2917</i>		<i>79</i>	<i>01</i>	<i>31</i>	<i>10306170417</i>	
METER CHART <i>P-4694</i>				DATE OF ISSUE <i>4-2-79</i>		EFFECTIVE DATE <i>5-24-79</i>		

BY THE AUTHORITY INVESTED IN ME BY THE STATE OF WEST VIRGINIA, I HEREBY CERTIFY THIS WELL TO HAVE MET THE REQUIREMENTS OF CHAPTER 22, ARTICLE 4, SECTION 1 a (11) OF THE WEST VIRGINIA CODE OF 1931, AS AMENDED AND THE NATURAL GAS POLICY ACT OF 1978, TO BE CERTIFIED AS A 103 *New Orleans* SECTION DESCRIPTION *Production Well*. THIS CERTIFICATE IS ISSUED AS AN ORIGINAL AND IS SUBJECT TO SURRENDER UPON LAWFUL DEMAND BY THIS AGENCY.

Robert L. Dodd
ROBERT L. DODD
ADMINISTRATOR
OFFICE OF OIL AND GAS

3/24/77 R



ACCURACY: 1'/200'

Source of Elevation ASH FORK (864')

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.

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

Chet Waterman

Company APPALACHIAN EXPL. & DEV., INC.
 Address CHARLESTON, WV
 Farm SECONDINO DALPORTO
 Tract _____ Acres 75 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 865' CLAY 15'
 Quadrangle LOCKWOOD (7.5' SERIES)
 County NICHOLAS District JEFFERSON
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 77003-61 Drawing No. _____
 Date 3/10/77 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. NIC-417

11/17/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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

47-067

182.5' Injua