



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 19 1978
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

RH

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

Surface Owner Dennis Johnson
P.O. Box 85
Address Gilboa, WV. 26671
Mineral Owner Same as above.
Address " " "
Coal Owner " " "
Address " " "
Coal Operator None.
Address _____

DATE December 8, 1978
Company Appalachian Exploration & Development, Inc.
Address Box 628, Charleston, W.Va. 25322
Farm D. Johnson Acres 47
Location (waters) Griffin Branch of Peters Creek
Well No. 1 Elevation 1490'
District Grant County Nicholas
Quadrangle Gilboa - 7-1/2'

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 4-19-79.

Robert R. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Leroy Hopkins
ADDRESS Ansted, W. Va.
PHONE 658-4280

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 6 1978 by Dennis R. Johnson, et ux made to A.E.D., Inc. and recorded on the 21st day of November 1978, in Nicholas County, Book 48 Page 341.

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 X 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) [Signature]
Well Operator

Box 628 Street
Charleston City or Town
West Virginia 25322 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.

BLANKET BOND

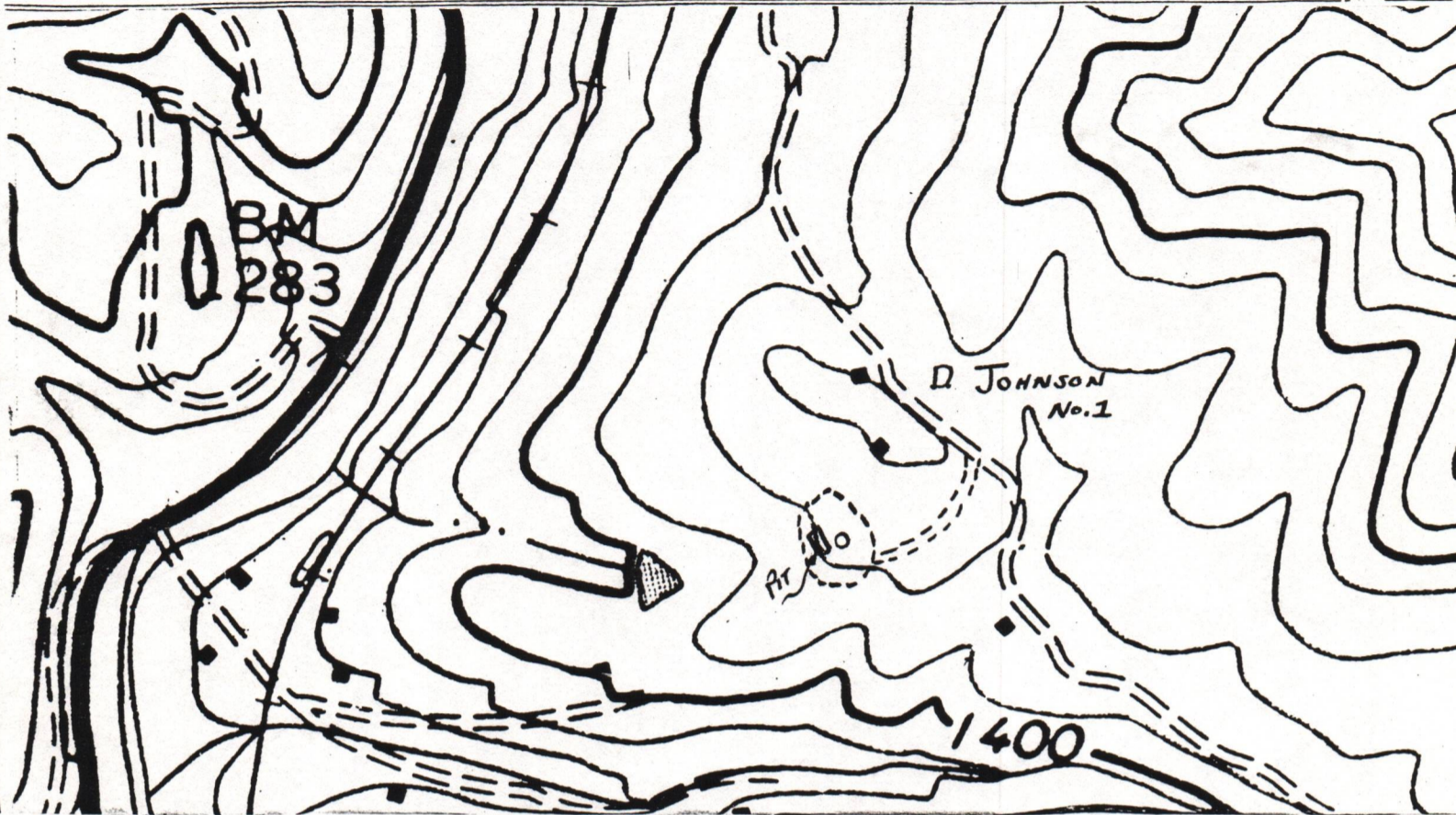
RECLAMATION PLAN

WELL NO. 1

QUADRANGLE Gilboa - 7-1/2'

SCALE 1" = 500'

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



COMPANY NAME Appalachian Exploration & Development, Inc. PERMIT NO. 47-067-0482-P

FARM D. Johnson DISTRICT Grant COUNTY Nicholas

STATEMENT OF RECLAMATION PLAN:

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

Location is staked 400 feet south of an existing private road. Cover at proposed location is over-grown pasture and small scrub timber.

Grade of road to location from private road is less than 5%. Pit will be built on location and lined. Nearest dwelling is 300 feet northwest of location. Road and location to be reclaimed upon completion.

RECEIVED

DEC 19 1978

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 was present.

11772023

"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: James R. Cramblett Title Regional Manager, Date Dec. 18, 1978
Drilling & Production



Appalachian Exploration & Development, Inc.

Michigan

Permit Grant

John B. Johnson

Location is situated 300 feet south of an existing
 private road. Cover as proposed location is
 even-ground pasture and small scrub timber.
 Grade of road to location from private road is
 less than 2%. Site will be built on location
 and located. Proposed dwelling is 300 feet north-
 west of location. Road and location to be re-
 claimed upon completion.

11/17/2023

Regional Manager
 Drilling & Production

Dec 18, 1970



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 19 1978

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Dennis Johnson
Address P.O. Box 85
Gilboa, WV. 26671
Mineral Owner Same as above.
Address " " "
Coal Owner " " "
Address " " "
Coal Operator None.
Address _____

DATE December 8, 1978
Company Appalachian Exploration & Development, Inc.
Address Box 628, Charleston, W.Va. 25322
Farm D. Johnson Acres 47
Location (waters) Griffin Branch of Peters Creek
Well No. 1 Elevation 1490'
District Grant County Nicholas
Quadrangle Gilboa - 7-1/2'

INSPECTOR
TO BE NOTIFIED _____
ADDRESS _____
PHONE _____

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 6 1978 by Dennis R. Johnson, et ux made to A.E.D., Inc. and recorded on the 21st day of November 1978, in Nicholas County, Book 48 Page 341.

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) _____

Well Operator
Box 628
Street
Charleston
City or Town
West Virginia 25322
State

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Article 22,
of the W. Va. Code, the provisions hereby approved
if objections have not been filed with the Department of Mines
Deputy Director - Oil & Gas Division

*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

47-067-0482 PERMIT NUMBER

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

Date May 7, 1979

FORM IV-35
(Obverse)

Operator's
Well No. D. Johnson #1

WELL OPERATOR'S REPORT 14
OF

API Well No. 47 - Nic - 482
State County Permit

[08-78]

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

47-067-0482

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___ /)
LOCATION: Elevation: 1490' Watershed: Griffin Branch of Peters Creek
District: Grant County: Nicholas Quadrangle: Gilboa (7.5' Series)

WELL OPERATOR Appalachian Exploration & Dev., Inc. DESIGNATED AGENT James R. Cramblett
Address P.O. Box 628 Address P.O. Box 628
Charleston, W.Va. 25322 Charleston, W.Va. 25322

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____
MAY - 8 1979

PERMIT ISSUED ON December 19, 19 78

OIL & GAS INSPECTOR FOR THIS WORK: Leroy Hopkins
Name General Delivery
Address Ansted, West Virginia

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19 _____)

GEOLOGICAL TARGET FORMATION: Ravencliff, Big Lime Depth 1150-1198 feet
Depth of completed well, 1269 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, ___ feet; salt, ___ feet.
Coal seam depths: _____ Is coal being mined in the area? No
Work was commenced January 12, 19 79, and completed January 18, 19 79

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		
Conductor	9-5/8"					51'	51'	Kinds
Fresh water								
Coal	7"					493'	493'	Sizes
Intermediate								
Production	2-7/8"		6.4#			1267'	1267'	Depths set
Tubing								
Liners								Perforations:
								Top Bottom
								1182' 1190'

OPEN FLOW DATA

Producing formation Ravencliff Pay zone depth 1182-1190' feet
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, TSTM 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

11/17/2023

[If applicable due to multiple completion--]

Second producing formation _____ 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

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

Broke down with 1000 gallons of 15% HCL. Break down pressure 3500#. Ran perforation balls. Treated Ravencliff with 6000# of 80/100 to 2# per gal. 25,000# of 20/40 to 2-1/2# per gal. Average injection rate 9.6 bbls. per minute. Average treating pressure 2,638#. ISIP 1100#, 15 minutes, 975#. Total fluid 468 bbls. S/L 394 bbls.

WELL LOG

FORMATION	Color	Hard or Soft	14 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface Rock			0	80	
Sand			80	125	
Shale			125	210	
Sand			210	300	
Shale			300	370	
Sand			370	440	
Sand and Shale			440	700	
Shale			700	748	
Sand			748	758	
Shale			758	798	
Sand			798	808	
Shale			808	834	
Sand			834	916	
Shale			916	1150	
Broken Sand (Ravencliff)			1150	1198	
Shale			1198	T.D.	D.T.D. 1270' L.T.D. 1269'

(Attach separate sheets to complete as necessary)

Appalachian Exploration & Development, Inc.
Well Operator

By James R. Cramblett
Its Regional Manager, Drilling & Production 11/17/2023

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."

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

RECEIVED
JAN 15 1979

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. NIC 482

Oil or Gas Well GAS
(KIND)

Company <u>A E U</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>CHARLSTON WVA</u>	Size		
Farm <u>D JOHNSON</u>	16			Kind of Packer
Well No. <u>#1</u>	13			
District <u>GRANT</u> County <u>NIC</u>	10			Size of
Drilling commenced <u>1-12-79</u>	8 1/4			Depth set
Drilling completed _____ Total depth _____	6 3/8			
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:

Checked NIC 482 COMPANY WAS SATTING ON RIG STARTING TO DRILL

1-12-79

DATE

Leag N. H. N. Sub
DISTRICT INSPECTOR

11/17/2023

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

RECEIVED

JAN 17 1979

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

Permit No. NIC 482

Oil or Gas Well: GAS
(KIND)

Company <u>AED</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHARLESTON WVA</u>	Size			
Farm <u>D. JOHNSON</u>	16			Kind of Packer
Well No. <u>#1</u>	13			
District <u>GRANT</u> County <u>NIC</u>	10			Size of
Drilling commenced <u>1-12-79</u>	8 1/2			
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: Checked nic 482 WAS DRILLING AT 377 F-T

1-15-79
DATE

Lery Hopkins
DISTRICT WELL INSPECTOR

11/17/2023

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

RECEIVED

JAN 19 1979

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

Permit No. NIC 482

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>A E D</u>	Size			
Address <u>CHARLESTON WVA</u>	16			Kind of Packer
Farm <u>D JOHNSON</u>	13			
Well No. <u># 1</u>	10			Size of
District <u>GRANT</u> County <u>NIC</u>	8 1/4			
Drilling commenced	8 3/8 7"	487	487	CIRCULATED Depth set
Drilling completed _____ Total depth _____	5 3/16			100 SWS
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 <u>7"</u> SIZE <u>487</u> No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>HALLIBURTON</u>			
Fresh water <u>40</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>311</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	FEET	INCHES	FEET	INCHES
	FEET	INCHES	FEET	INCHES

Drillers' Names _____

Remarks: CALLED TO RUN PIPE ON NIC 482 RAN
487 FOOT 7" CIRCULATED WITH 100 SWS
CIRCULATED ALL BY HALLIBURTON
PLUG DOWN 2:30 PM

1-16-79
DATE

Loy H. Phillips 506
DISTRICT WELL INSPECTOR

11/17/2026

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

RECEIVED

JAN 31 1979

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIC 482

Oil or Gas Well GAS
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>AEO</u>	<u>CHARLESTON</u>	<u>D. JOHNSON</u>	<u># 1</u>	<u>GRANT</u>	<u>NIC</u>	<u>1-12-79</u>	<u>1-24-79</u>									<u>16</u>			<u>Cemented</u>
																<u>18</u>	<u>40</u>	<u>40</u>	<u>Cemented</u>
																<u>10</u>			<u>Circulated</u>
																<u>8 1/4</u>	<u>7"</u>	<u>487</u>	<u>487</u>
																<u>6 3/4</u>			<u>Cement</u>
																<u>5 3/16</u>			<u>Depth set</u>
																<u>3</u>			<u>Perf. top</u>
																<u>2</u>			<u>Perf. bottom</u>
																			<u>Perf. top</u>
																			<u>Perf. bottom</u>

CASING CEMENTED 487 SIZE 7" No. FT. _____ Date _____

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Checked Nic 482 CO WAS MOVING RIG OUT

1-25-79
DATE

Levy H. H. H. 11/17/2023
DISTRICT WELL INSPECTOR

[08-78]

NOTICE OF INTENTION TO PLUG AND ABANDON A WELL

Operator's Well No. D. Johnson #1 API Well No. 47 - 067 - 0482 State County Permit

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

LOCATION: Elevation: 1490' Watershed: Griffin Branch of Peters Creek District: Grant County: Nicholas Quadrangle: Gilboa - 7-1/2'

WELL OPERATOR Appalachian Exploration & Development, Inc. Address Box 628 Charleston, W.Va. 25322 DESIGNATED AGENT R.P. Parsons Address Box 628 Charleston, W.Va. 25322

ROYALTY OWNER Dennis Johnson Address Box 85 Gilboa, West Virginia 26671 COAL OPERATOR None

SURFACE OWNER Same as above. Address " " " COAL OWNER (Stripped Declaration on Record) Name Same as Oil & Gas Royalty Owner. Address Same as shown previously.

FIELD SALE (IF MADE) TO: Name Address

INSPECTOR TO BE NOTIFIED: As Mr. Hopkins is ill please notify Mr. Martin Nichols P. O. Box 554, Clendenin, W. Va. 25045 Tele: 548-6993

RECORDED MAY - 8 1979 OIL & GAS DIVISION DEPT. OF MINES

The undersigned proposes to plug and abandon X / clean out and replug / the above described well, commencing on the date the Oil and Gas Inspector is notified, it being understood that the date of such notification shall not be less than five days after the day on which this Form IV-4 is received or in due course should be received by the Department of Mines.

The method of plugging is planned as shown on the work order on the reverse side hereof. This Notice is given to the Department and the others specified above, so that they or their representatives may be present at the plugging and filling of said well. However, whether they are represented or not, the undersigned will proceed on that date, or as soon thereafter as convenient, to plug or clean out and replug said well by the applicable method specified in Code § 22-4-10 and given in detail on the reverse hereof.

This notice has been or is being this day sent by registered or certified mail to each party named at the address above listed.

This permit issued May 9, 1979.

Robert L. Dodd, Administrator OFFICE OF OIL AND GAS

R.P. Parsons Name of Person Giving Notice* By R.P. Parsons Its District Production Superintendent

* Address (if not set forth above)

11/17/2023

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-4 must be filed with the Department, accompanied by (i) a plat required by Regulation 8.01 in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security required by Code § 22-4-9, (iii) the fee required by Code § 22-4-12a, and (iv) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

BLANKET BOND

file

[08-78]

[THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED
BY AFFIDAVIT (FORM IV-38) ON COMPLETION]

PLUGGING CONTRACTOR (IF KNOWN) Unknown

Address _____

PLUGGING METHOD PROPOSED BY WELL OPERATOR:

- As provided by Code § 22-4-10(a)(1), where the well does not penetrate a workable coal bed, and without placing a liner
- As provided by Code § 22-4-10(a)(2), where the well does not penetrate a workable coal bed, but including placing a liner
- As provided in Code § 22-4-10(b), where a coal protection string of casing has been circulated and cemented in to the surface
- As provided in Code § 22-4-10(c), where a coal protection string of casing has not been circulated and cemented in to the surface

NOTE: If the proposed plugging method is the last stated above, as provided in Code § 22-4-10(c), then the well operator must include cost estimates in the space provided below, and in addition complete the right-hand column (including comparative estimates) in case the coal operator, owner or lessee has requested or does request plugging under the provisions of Code § 22-4-10(d)(3).

- As provided in Code § 22-4-10(e), where the well must be cleaned out and replugged to permit the safe mining through of such well

Description of the method by which the well was previously plugged: _____

FOR PLUGGING METHOD PROPOSED				
PLUGGING MATERIALS				
Type of Cement	Other Materials	Depth	Thickness	Estimated Cost
Reg.		1182'	100'	
	Gel	1082'	380'	
RFC		590'	100'	
	Gel	490'	490'	
Bridge Plugs Used--Type and Depth				
Baker Model N @ 600'				
VENT PIPE 7"x2" swedge with 2" valve - 3'AGL				
MISCELLANEOUS MATERIALS				
CASING LOST				
TYPE OF RIG:				
Owner: Well Op'r___/ Contractor___/				
Rig time: ___ days plus ___ hours				
OPERATOR'S LABOR COSTS				
OUTSIDE SERVICES (type and company)				
SUB-TOTAL				
LESS SALVAGE				
TOTAL				

FOR PLUGGING ON REQUEST UNDER CODE § 22-4-10(d)(3)				
PLUGGING MATERIALS				
Type of Cement	Other Materials	Depth	Thickness	Estimated Cost
Bridge Plugs Used--Type and Depth				
VENT PIPE				
MISCELLANEOUS MATERIALS				
CASING LOST				
TYPE OF RIG:				
Owner: Well Op'r___/ Contractor___/				
Rig time: ___ days plus ___ hours				
OPERATOR'S LABOR COSTS				
OUTSIDE SERVICES (type and company)				
SUB-TOTAL				
LESS SALVAGE				
TOTAL				

11/17/2023

FORM IV-38
[08-78]

RECEIVED
FEB 15 1985
OIL & GAS DIVISION
DEPT. OF MINES

Date: January 22, 1985

Operator's Well No. Dennis Johnson #1

API Well No. 47-067-048
State County Per

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /
LOCATION: Elevation: 1490' Watershed: Griffin Branch of Peters Creek
District: Grant County: Nicholas Quadrangle: Gilboa - 7-1/2"

WELL OPERATOR Cabot Oil & Gas Corporation of WV
Address P.O. Box 628
Charleston, West Virginia 25322

DESIGNATED AGENT Robert E. Horrell
Address P.O. Box 628
Charleston, West Virginia 25322

STATE OF WEST VIRGINIA,)
) SS:
COUNTY OF KANAWHA)

C.E. McClure and Carlos Loudin, Jr.

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by Appalachian Exploration & Dev., Inc. the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on June 19, 1979, and completed on June 20, 1979, in the following manner:

PERMITTED WORK: Plug and abandon X / Clean out and replug ___ /

Type of Cement	Other Materials	Depth	Thickness
Class A		1226	100
	Gel	1126	
Class A		524	100
	Gel	424	to surface

Bridge Plugs Used--Type and Depth
Cut 2-7/8" tbg. @ 724' and pulled.

VENT PIPE 7" x 2" swage w/valve

MISCELLANEOUS MATERIALS

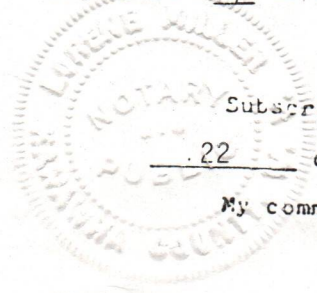
CASING LOST 493' (7"), 543' (2-7/8")
51' (9-5/8")

TYPE OF RIG:
Owner: Well Op'r ___ / Contractor X /
Rig time: 2 days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS)
NR

DESCRIPTION OF WELL MONUMENT
7" casing monument with API number

C.E. McClure (SEAL)
Carlos Loudin, Jr. 11/17/2023 (SEAL)



Subscribed and sworn to before me this
22 day of January, 1985.

My commission expires March 5, 1989.

Lorene Miller
Notary Public

RECEIVED
DEPT. OF MINES
1913

1913-14

11/17/2023





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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 22, 1985

RECEIVED

MAY 21 1985

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY Cabot Oil & Gas Corp. of WV PERMIT NO 067-0482-P
P. O. Box 628 FARM & WELL NO Dennis Johnson #1
Charleston, West Virginia 25322 DIST. & COUNTY Grant/Nicholas

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input type="checkbox"/>	<input type="checkbox"/>
17.02	Method of Plugging	<input type="checkbox"/>	<input type="checkbox"/>
18.01	Materials used in Plugging	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
17.06	Statutory Affidavit	<input type="checkbox"/>	<input type="checkbox"/>
7.06	Parties Responsible	<input type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

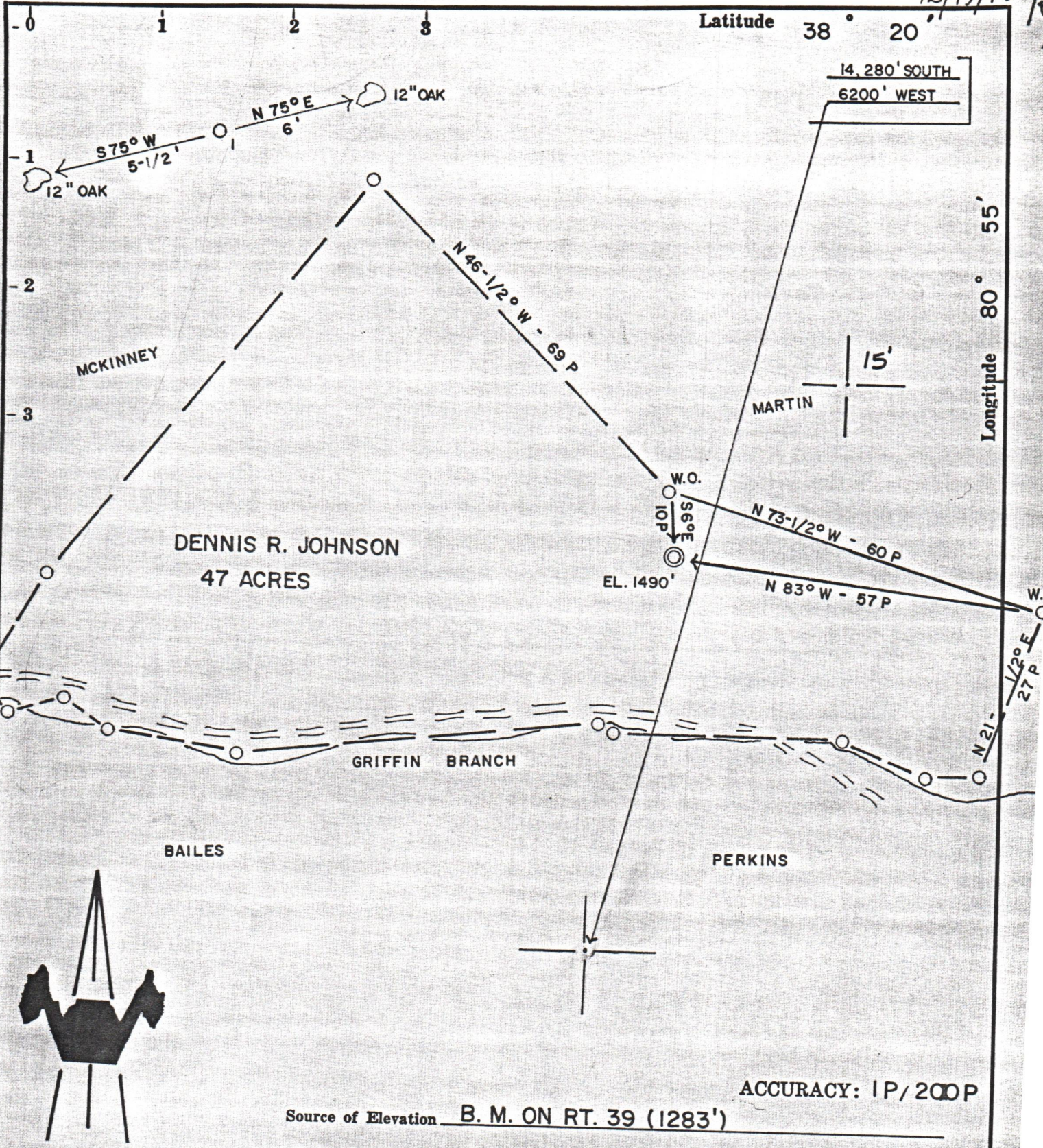
SIGNED Craig Duckworth
DATE 5/13/85

Your Affidavit of Plugging was received and reclamation requirements approved.
The well designated by the above permit number has been released under your bond.

T. H. ...
Administrator-Oil & Gas Division

May 24, 1985
DATE

12/19/78 *FE*



ACCURACY: 1P/200P

Source of Elevation B. M. ON RT. 39 (1283')

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.

Chet Waterman

- New Location
- Drill Deeper
- Abandonment
- Fracture 5/1/79
- Redrill

Company APPALACHIAN EXPL. & DEV., INC.
 Address CHARLESTON, WV
 Farm DENNIS R. JOHNSON
 Tract _____ Acres 47 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1490'
 Quadrangle GILBOA (7.5' SERIES)
 County NICHOLAS District GRANT
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 78003-583 Drawing No. _____
 Date 11/16/78 Scale 1" = 20P

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

WELL LOCATION MAP
FILE NO. 47-067-0482-P

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.

1865' Bigline