



1) Date: February 22, 1983, 19
2) Operator's Well No. M1-115 (Moore & Eddy #1)
3) API Well No. 47 061 0503-RED
State County Permit

DRILLING CONTRACTOR:

Lang Brothers

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas _____
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1522.87 Watershed: Jakes Run
District: Clay County: Monongalia Quadrangle: Blacksville 7.5
- 6) WELL OPERATOR Consolidation Coal Company 11) DESIGNATED AGENT Roger E. Duckworth
Address P. O. Box 1314 Address P. O. Box 1314
Morgantown, WV 26507-1314 Morgantown, WV 26507-1314
- 7) OIL & GAS ROYALTY OWNER Pennzoil 12) COAL OPERATOR Consolidation Coal Company
Address Parkersburg, WV 26101 Address Same
- 8) SURFACE OWNER John & Martha Walker 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ Name _____
Address _____ Name _____
Address _____ Name _____
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:
Address Consolidation Coal Co. Name _____
Address _____ Name _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name William Blosser
Address Colfax, WV
- 15) PROPOSED WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
Plug off old formation / Perforate new formation _____
Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, _____
- 17) Estimated depth of completed well, 2407' feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: 954' Pittsburgh Is coal being mined in the area? Yes / No _____

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

20) 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			SEE EXHIBIT #1							Depths set
Production										
Tubing										Perforations:
Liners										Top Bottom

- 21) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: _____
My Commission Expires _____

Signed: Roger E. Duckworth
Its: Project Engineer

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-061-0503-RED

Date March 4, 1983
11/24/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires November 4, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket	Agent: a.k. n.g.	Plat: [Signature]	Casing: [Signature]	Fee: NA
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[Signature]
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat 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 allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator X / owner _____ / lessee _____ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

11/24/2023

Date: February 22, 19 83

By C. W. McDowell
CONSOLIDATION COAL COMPANY
Its Senior Vice President - Mining



IV-9
(Rev 8-81)

DATE FEB. 23, 1983

WELL NO. Consol MI-115 (Moore & Eddy #

API NO. 47-061-0503-R-P

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Consolidation Coal Co.
Address P. O. Box 1314, Morgantown, WV
Telephone 296-3461

DESIGNATED AGENT Roger E. Duckworth
Address P. O. Box 1314, Morgantown, WV
Telephone 296-3461 26507-1314

LANDOWNER John & Martha Walker

SOIL CONS. DISTRICT _____

Revegetation to be carried out by Contractor (Agent)

This plan has been reviewed by Monongahela SCD. All corrections and additions become a part of this plan: _____

2/24/83
(Date)

Howard Clark
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culverts (A)
Spacing Minimum Size 12" I.D.
Page Ref. Manual I-8

Structure Diversion Ditches (1)
Material Earthen
Page Ref. Manual I-11

Structure Drainage Ditch (B)
Spacing _____
Page Ref. Manual I-11

Structure Rip Rap (2)
Material Rock
Page Ref. Manual N/A

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

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WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Ky 31 30 lbs/acre
Ladino Clover lbs/acre
_____ lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Ky 30 lbs/acre
_____ lbs/acre
_____ lbs/acre

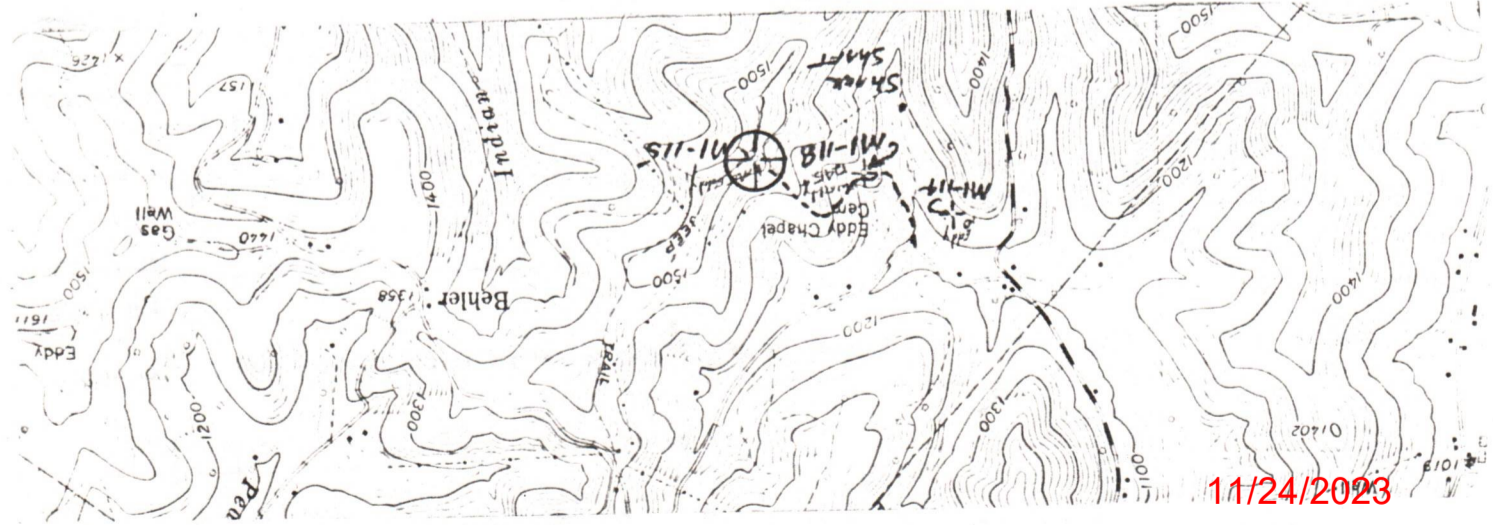
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Roger E. Duckworth
ADDRESS P. O. Box 1314 11/24/2023
Morgantown, WV 26507-1314
PHONE NO. 296-3461 Ext. 232

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

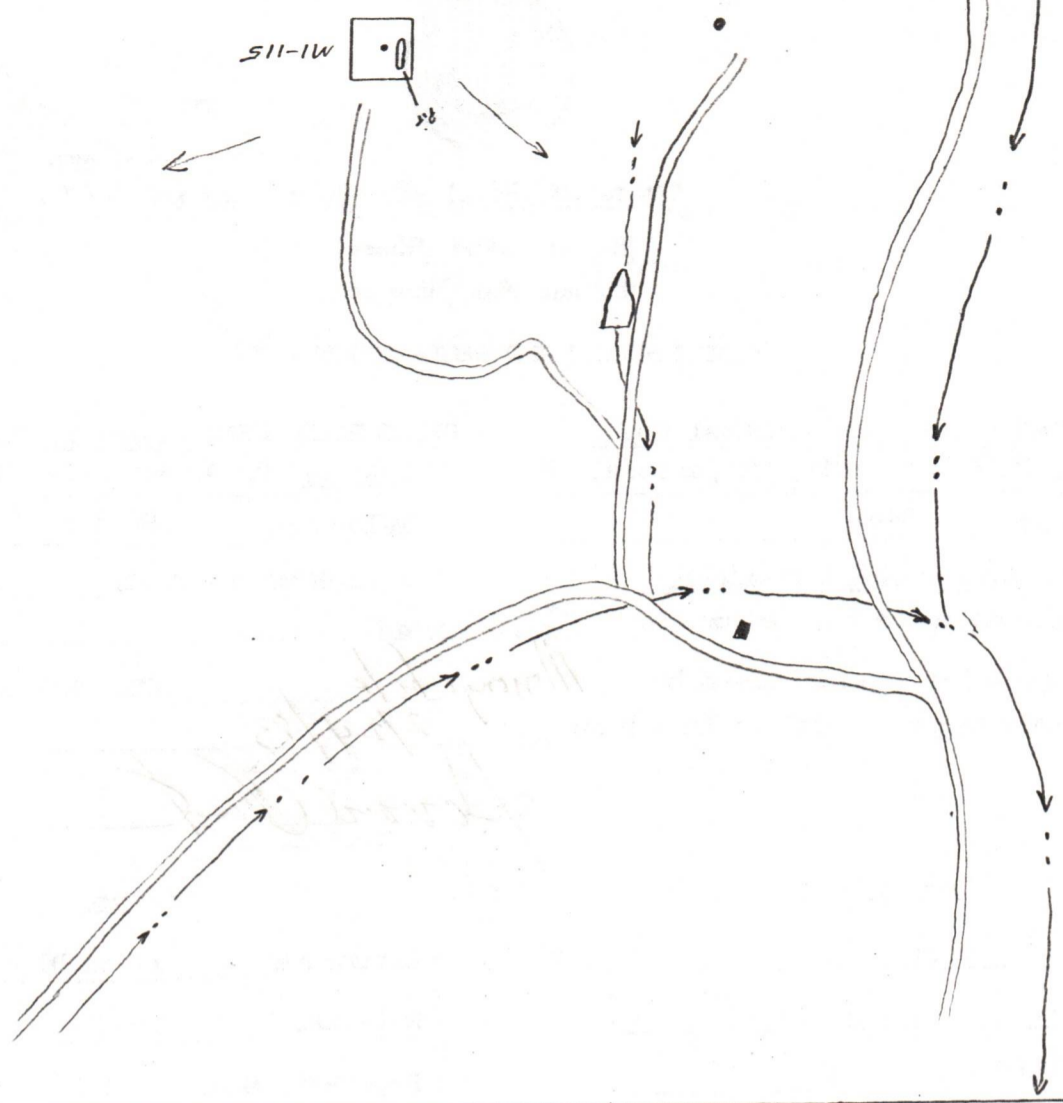
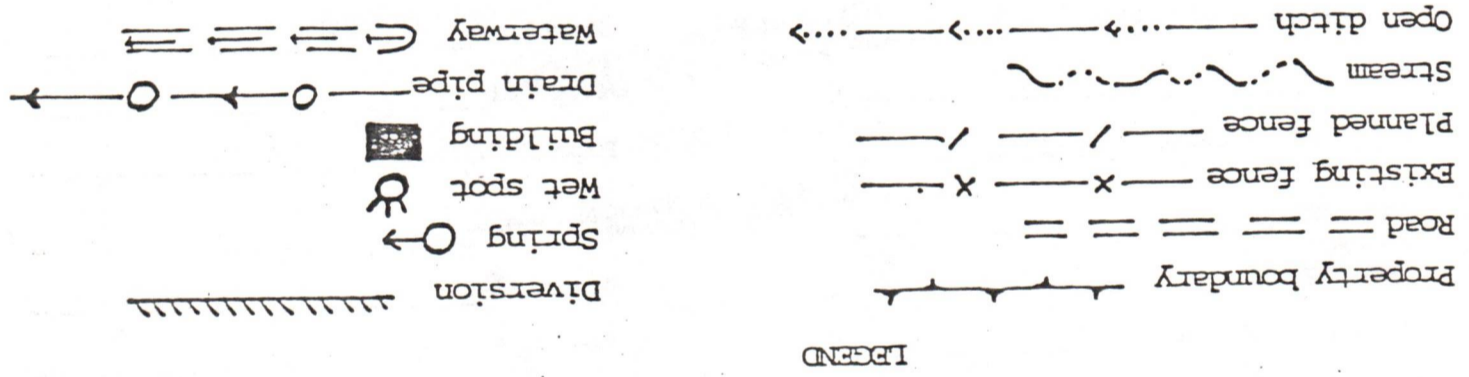
ATTACH OR PHOTOCOPY SECTION OF
 INVOLVED TOPOGRAPHIC MAP.
 QUADRANGLE Blacksburg 7.5

11/24/2023



WELL SITE PLAN

sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

BILL OF SALE

THIS BILL OF SALE, dated this 31st day of January, 1983, by and between PENNZOIL COMPANY, a corporation, hereafter referred to as "Pennzoil", with mailing address at P. O. Drawer 1588, Parkersburg, West Virginia 26102, and CONSOLIDATION COAL COMPANY, a corporation, hereafter referred to as "Consol", with mailing address at Vista Del-Rio, P. O. Box 1314, Morgantown, West Virginia 26505.

WHEREAS, Consol desires to purchase from Pennzoil to facilitate its underground mining operations three oil and/or gas wells as illustrated on the plat attached hereto and made a part hereof, being situated in Clay District, Monongalia County, West Virginia, and more particularly identified as follows:

<u>Well Name and Number</u>	<u>Pennzoil Lease Number</u>
D. J. Eddy No. 10	3146-50
E. W. Eddy No. 1	3204-50
Moore & Eddy No. 1	3200-50

WITNESSETH: For and in the consideration of One Dollar (\$1.00), cash in hand paid as evidenced by the signatures below, and for and in the further consideration of Fifty-Six Thousand Five Hundred Dollars (\$56,500.00), ~~Pennzoil hereby bargains, sells, grants and assigns unto Consol the subject wells and appurtenant equipment and structures thereto, excepting and reserving all the leasehold rights and interests in and to the oil and gas underlying the leases on which said wells are located.~~

It is understood and agreed to by the undersigned parties that Consol's sole purpose under this agreement is to plug or re-plug, as the case may be, the subject wells. As such, Consol covenants and agrees to conduct such plugging and abandonment operations in accordance with all applicable laws.

11/24/2023

Consol agrees to indemnify Pennzoil (Pennzoil being deemed to include itself, its employees, agents, representatives, officers and directors) against and hold Pennzoil harmless from any and all losses, damages, claims and expenses arising from or related to Consol's operations conducted on or in the subject wells, regardless of whether Consol's conduct is deemed to be negligent or otherwise does or does not constitute due care under the circumstances. Nothing herein shall be construed to create a partnership, a joint venture, an association, a trust, a mining partnership or other entity, nor to constitute either Pennzoil or Consol the agent of the other.

Consol further agrees to remove surface structures, scrap, refuse and to reclaim the surface in accordance with all applicable laws.

TO HAVE AND TO HOLD, effective the date set forth above, upon proper execution hereof. WITNESS THE FOLLOWING SIGNATURES.

PENNZOIL COMPANY

By *Sam A. ...*
Its Vice President and Attorney in Fact

CONSOLIDATION COAL COMPANY

By *C. W. McDevitt*
Its Senior Vice President

THIS INSTRUMENT PREPARED
FOR PENNZOIL COMPANY

BY Lowell D. Greenwood

P.O. BOX 1588
PARKERSBURG, W. VA. 26101

-2-

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11/24/2023
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

STATE OF WEST VIRGINIA,
COUNTY OF WOOD, TO-WIT,

I, Joyce M. Board, a Notary Public in and for the county and state aforesaid, do hereby certify that JAMES A. CREWS, who signed the foregoing and hereto annexed writing bearing date the 31st day of January, 1983, for PENNZOIL COMPANY, a corporation, has this day in my said county, before me, acknowledged the same to be the act and deed of said corporation.

My commission expires: October 24, 1989.

Given under my hand this 11th day of FEBRUARY, 1983.

Joyce M. Board
Notary Public

STATE OF WEST VIRGINIA,
COUNTY OF MONONGALIA, TO-WIT:

I, Donald W. Burn, a Notary Public in and for the county and state aforesaid, do hereby certify that C. W. McDonald, who signed the foregoing and hereto annexed writing bearing date the 31st day of January, 1983, for CONSOLIDATION COAL COMPANY, a corporation, has this day in my said county, before me, acknowledged the same to be the act and deed of said corporation.

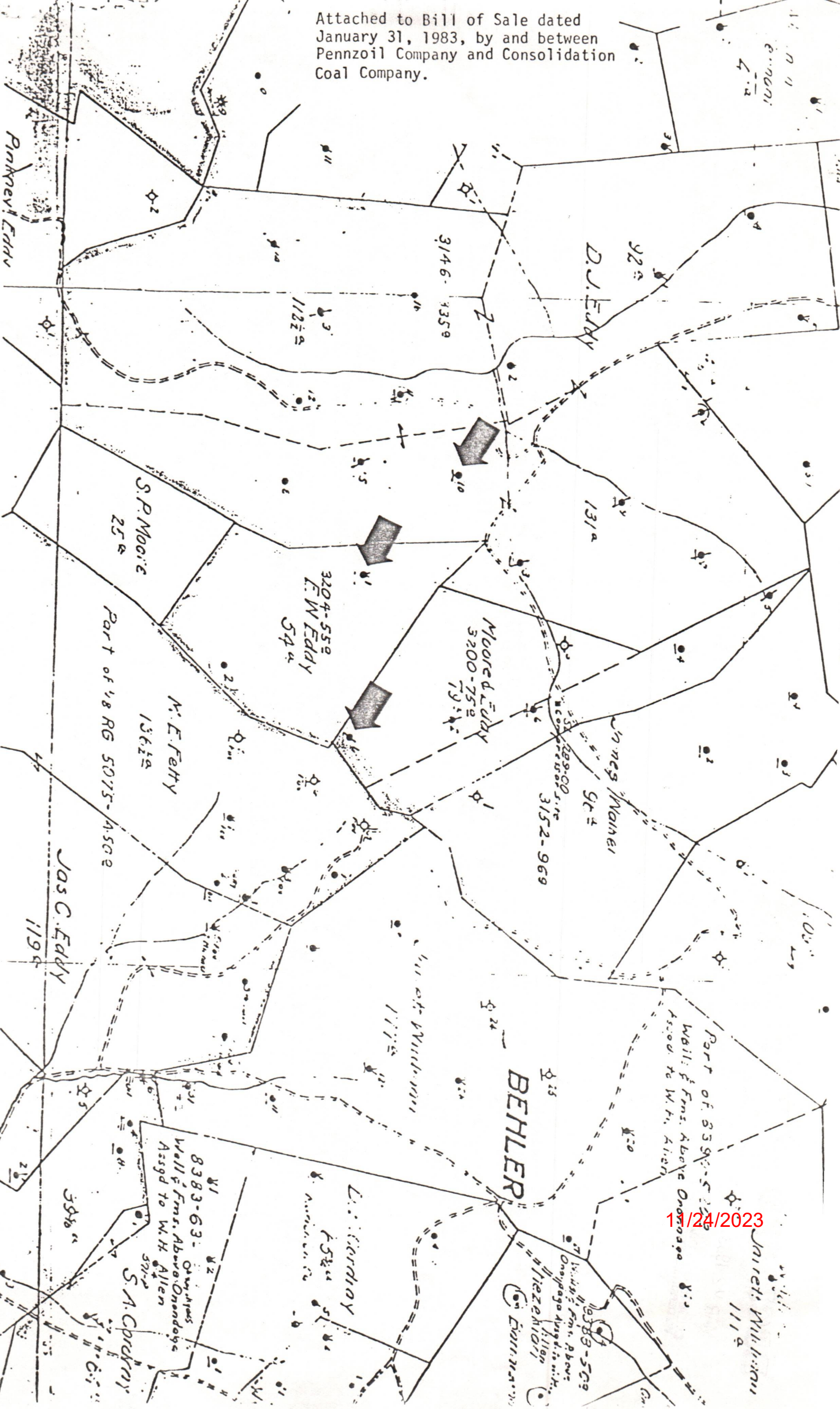
My commission expires: MARCH 10, 1992

Given under my hand this 10th day of FEBRUARY, 1983.

Donald W. Burn
Notary Public

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WV DEPARTMENT OF MINES

Attached to Bill of Sale dated January 31, 1983, by and between Pennzoil Company and Consolidation Coal Company.



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UW DEPARTMENT OF MINES

11/24/2023

13 S. E. 26 W. Location Made Purchased From
 District Clay Rig Completed Date Purchased
 County Monongalia Dr'g Commenced Sold To
 State West Va. Dr'g Completed Apr. 18, 1891 Date Sold
 Rights Owned By Dr'g Contractor Forseyth & McLean Date Abandoned

singhaead Lower FORMATION 24" April 29, 1936, M.C. West Foreman CASING RECORD

Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
Coal	954'				10"				Date
Injun	2270'				8 1/2"		975'		Size Csg.
Pay	2352'				6, 5/8"		1301'		Top "
total depth		2407'			6 1/2" setter		563'		Bot. "
					4, 7/8"		2170'		

061-0503

PACKERS AND SHOES

Kind	Size	Depth Set	Date Set

TORPEDO RECORD

Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
5/12/1893	-10				
10/11/1894	-20				
7/19/1898	-30				
10/16/1900	-40				
8/2/1905	-30				
8/12/1909	-40	-2-20 pt. shells	4 1/2"	26' 9"	
Top 1st. shell 2352' - top 2nd. 2350'					

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD

Filled With	From	To	PLUG		
			Size	Kind	Depth

Prod.	Sand	★ At Completion	★ 30Days After	★

APPROVED _____ Supt.

TESTS, REPORTS AND REMARKS ON REVERSE SIDE

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OIL AND GAS COMMISSION
 WEST VIRGINIA DEPARTMENT OF REVENUE

Form 26
2/16/82

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

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INSPECTOR'S PLUGGING REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 061-0503 Red & Plug Well No. _____

COMPANY Consolidation Coal Company ADDRESS _____

FARM Moore & Eddy DISTRICT Clay COUNTY Monongalia

Filling Material Used _____

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

Drillers' Names Mark Wright, David Wright

Remarks:
Cleaned out to-----2100'
2' tubing run from surface to 2100'
Cement plug set from 2100' to 1500'
Trying to pull 8' casing
Contractor Lang B rothers, Rotary

April 18, 1983 I hereby certify I visited the above well on this date.
DATE

William J. Blosser #502
William Blosser
DISTRICT SUPERVISOR
11/24/2023

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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			
	13			Size of _____
	10			
	8 1/4			Depth set _____
	6 5/8			
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			Perf. top _____
	Liners Used			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: _____

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. 061-0503-Red & Plug

Well No. M-1-115

COMPANY Consolidation Coal Company ADDRESS Morgantown, West Virginia

FARM Moore and Eddy, DISTRICT Clay COUNTY Monongalia
John & Martha Walker

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
			Bottom cement plug tagged at ----1520'				
			Trying to pull 7' casing at-----1500'				

Drillers' Names Mark Wright, David Wright

Remarks:

Contractor, Lang Brothers, Rotary

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OIL & GAS DIVISION
DEPT. OF MINES

April 19, 1983 I hereby certify I visited the above well on this date.
DATE

William J. Blosser #502

William J. Blosser DISTRICT 24/11/2023

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ 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			
	13			Size of _____
	10			
	8 1/4			Depth set _____
	6 5/8			
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			Perf. top _____
	Liners Used			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: _____

DATE

11/24/2023
DISTRICT WELL INSPECTOR

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

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APR 28 1983

INSPECTOR'S PLUGGING REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Well No. M-1-115

Permit No. 061-0503-RED-Plug

COMPANY Consolidation Coal Company ADDRESS Morgantown, West Virginia

FARM John & Martha Walker DISTRICT Clay COUNTY Monongalia

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
			Cleared out to-----2200'			
			Bottom cement plug set at----2200 to 1520'			
			4 1/2' casing set from surface to----1088.5			
			2' tubing set from-----1088.5 to 1386.75			
			latch down plug set at-----1039'			
			float shoe set at-----1079'			
			Swedge set at-----1088'			
			one joint of 8' casing left through, unable to pull. ripped at 988-991-996'			
			Thixotropic cement from 1386 to 884'			

Drillers' Names Pos mix cement from 884' to surface

Remarks: Cement dropped approx, 80', will be tagged tomorrow and filled back
Supervised by this inspector and Neal Fornash, M.S.H.A. Rep.
Roger Duckworth, Consol Coal Co. Rep.
Cemented by Halliburton, Engineer Barnett.
Contractor, Lang Brothers, Rotary

April 26, 1983 I hereby certify I visited the above well on this date.

DATE

William J. Blosser #502

William Blosser
DISTRICT INSPECTOR
11/24/2023

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County _____	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____

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: _____

DATE _____

11/24/2023
DISTRICT WELL INSPECTOR

EXHIBIT NO. 1

Plugging Technique To Be Utilized When A Previously
Abandoned Well Cannot Be Cleaned Out To Its Total Depth

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Since the inception of Consolidation Coal Company's well plugging program, a total of 100 previously abandoned oil and gas wells have been effectively plugged and a total of 42 wells have been successfully mined through.

Using the experience and technology gained from these successful operations, Consol proposes an alternate, safer method of plugging abandoned oil and gas wells.

The method proposed will enhance present day mining through safety standards by:

1. Allowing for more sealing material (expanding cement) in critical areas within the wellbore below the coal bed of interest.
2. Allowing for a positive indication of the environment within the wellbore across the coal seam.
3. Allowing for the use of the existing wellbore for other mine usages, i.e. methane drainage, power holes, etc.
4. Using a cleanout technique which lends itself more readily to rotary operations which are inherently safer than cable tool operations.

Therefore, it is felt that the proposed technique as set forth below will provide an alternate method of plugging abandoned wells, which is as safe or safer than today's method.

1. A diligent effort shall be made to clean the wellbore to total depth. If this depth cannot be reached, the wellbore will be cleaned out below the first possible hydrocarbon producing zone ① and/or no less than 300' below the lowest mineable coal seam.
2. A 4½" vent pipe (or larger) shall be run into the wellbore to a depth 100 feet below the lowest mineable coal seam. This coal protection string of casing shall be cemented by circulation with expandable cement from the bottom of the casing to the surface using standard cementing practices. ③
3. An expandable cement plug ② will be set in the wellbore adhering to the following specifications:
 - a) The wellbore shall be filled with fluid from a point 300 feet below the lowest mineable coal seam to the surface, such that an over balanced condition will exist in the wellbore.

11/24/2023

- b) While maintaining this over balanced condition in the wellbore, an expandable cement plug shall be set through tubing by the "balanced plug" method. The bottom of said cement plug shall be no less than 300 feet below the lowest mineable coal seam and shall extend 20 feet (80 feet below the coalbed of interest) into the 4½" casing.
 - c) After the cement has had adequate time to harden, the plug shall be tagged to verify the exact final location and condition of the plug.
4. In order to determine the effectiveness of the sealing project, all fluid shall be evacuated ④ from the wellbore. A vent shall then be installed on top of the casing in such a manner that will prevent liquids and solids from entering the well, but will permit ready access to the full internal diameter of the coal protection string when required.
5. Prior to commencement of "mining through" operation, Consol shall sample the atmosphere across the coal seam for methane. This sample will prove the effectiveness and condition of the sealing process.

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

SURFACE

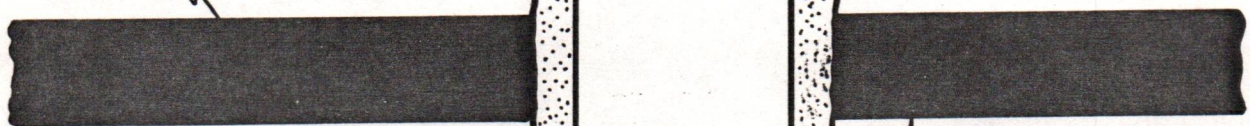
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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

4

COAL TO BE EXTRACTED



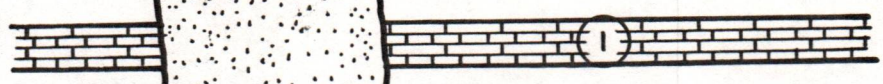
100'

20'

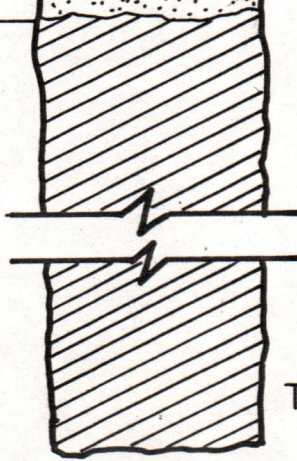
3

200'

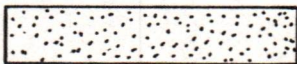
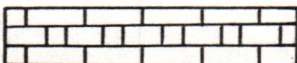
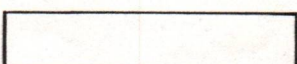

2



1



T.D.

-  Expanding Cement
-  Producing Zone
-  Atmosphere
-  Previous Plug

11/24/2023



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

MAR 02 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Consolidation Coal Company
Coal Operator

Consolidation Coal Company
Name of Well Operator

P. O. Box 1314, Morgantown, WV 26507-1314
Address

P. O. Box 1314, Morgantown, WV 26507-1314
Complete Address

Same
Coal Owner

February 22, 1982
Date

WELL TO BE ABANDONED

Address

Clay District

John & Martha Walker
Lease or Property Owner

Monongalia County

Well No. Consol M1-115 (Moore & Eddy #1)

Address

Moore and Eddy Farm

Inspector William Blosser, Colfax, WV Telephone 363-9105

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Roger E. Duckworth
Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

11/24/2023

47-061-0503-Red-P
Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION
WORK ORDER

Well to be plugged and filled as follows:

1. Clean out wellbore to T.D., if practical.
2. Fill wellbore with fluid such that an "overbalanced" condition exists in the wellbore.
3. Set through tubing, by the "balanced plug" method, an expandable cement plug adhering to the following specifications:
 - a. The bottom of the cement plug shall be no less than 300' below the lowest mineable coal seam and shall extend to no less than 100' below the lowest mineable coal seam. (The plug shall be no less than 200' in length).
4. Run 4½" O. D. vent pipe to the top of the expandable cement plug (100' below the lowest mineable coal seam).
5. Cement the 10" x 4½" annulus from the bottom of the 4½" O. D. casing to the surface and 20' inside the 4½" O. D. pipe with expandable cement.

(See Exhibit No. 1)

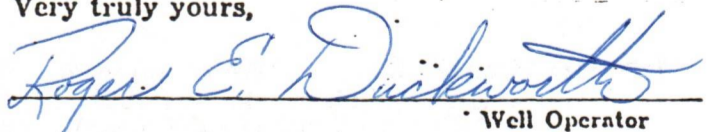
To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,


Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

4th day of March, 19 83

11/24/2023

DEPARTMENT OF MINES
Oil and Gas Division

By: 

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

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

RECEIVED

MAY 17 1983

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>Consolidation Coal Company</u>	<u>Consolidation Coal Company</u>
<small>COAL OPERATOR OR OWNER</small>	<small>NAME OF WELL OPERATOR</small>
<u>P. O. Box 1314, Morgantown, WV 26507-1314</u>	<u>P. O. Box 1314, Morgantown, WV 26507-1314</u>
<small>ADDRESS</small>	<small>COMPLETE ADDRESS</small>
<u>Same</u>	<u>May 13, 19 83</u>
<small>COAL OPERATOR OR OWNER</small>	<small>WELL AND LOCATION</small>
<u>John & Martha Walker</u>	<u>Clay District</u>
<small>LEASE OR PROPERTY OWNER</small>	<small>COUNTY</small>
<u>William Blosser, Colfax, WV</u>	<u>Monongalia County</u>
<small>ADDRESS</small>	<u>Well No. Consol M1-115 (Moore & Eddy #1)</u>
	<u>Moore & Eddy Farm</u>

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Monongalia

SS:

Clavin Lofton and Mark Wright
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 and were employed by Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of April, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
Pulled 2,189.60' of 5 3/16" casing.	2 3/8" tubing. Placed cement plug from	6 5/8 (left in) 8 1/4" (left in)	1385 to 1006	1112 to 986
2200 to 1520.	Cut and pulled 1112.40' of 6 5/8 casing. Cut and pulled 976.45' of 8" casing. Unable to remove one joint of 8" casing through the Pittsburgh. Made three cuts in Pittsburgh with casing cutter. Cleaned wellbore to 1520' and ran coal protection string as follows: 2 3/8 tubing from 1386.75' to 1088', 4 1/2" casing from 1088' to surface. Latch down at 1039' and flapper at 1079'. Ran cement as follows: Pumped 890 sacks of Pox Mix followed by 200 sacks of expanding cement. Displaced cement with water to 1039'. Let set and bailed dry. Tagged top of cement at 19 feet.	2 3/8 tubing 4 1/2 casing	1386.75 to 1088	1088 to surface.
<small>COAL SEAMS</small>	<small>DESCRIPTION OF MONUMENT</small>			
(NAME) <u>Pittsburgh</u>	<u>at 996</u>			<u>5' of 4 1/2" casing with plaque stating: Consol M1-115</u>
(NAME)				<u>061-0503-R-P</u>
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 26th day of April, 1983

And further deponents saith not.

Sworn to and subscribed before me this 16th day of MAY, 1983

Clavin Lofton
Mark Wright
11/24/2023
Donald W. Barn

My commission expires: MARCH 10, 1992

Notary Public.
Permit No. 061-0503-R-P



RECEIVED
MAY 8 - 1984

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY CONSOLIDATION COAL CO.
MORGANTOWN W.V.

PERMIT NO OU-503A-P

FARM & WELL NO MOORE-EDDY-1M1-113

DIST. & COUNTY CLAY/MONONGALIA.

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

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

SIGNED Donald B. Ellis
DATE 5-2-84

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 18, 1984

DATE

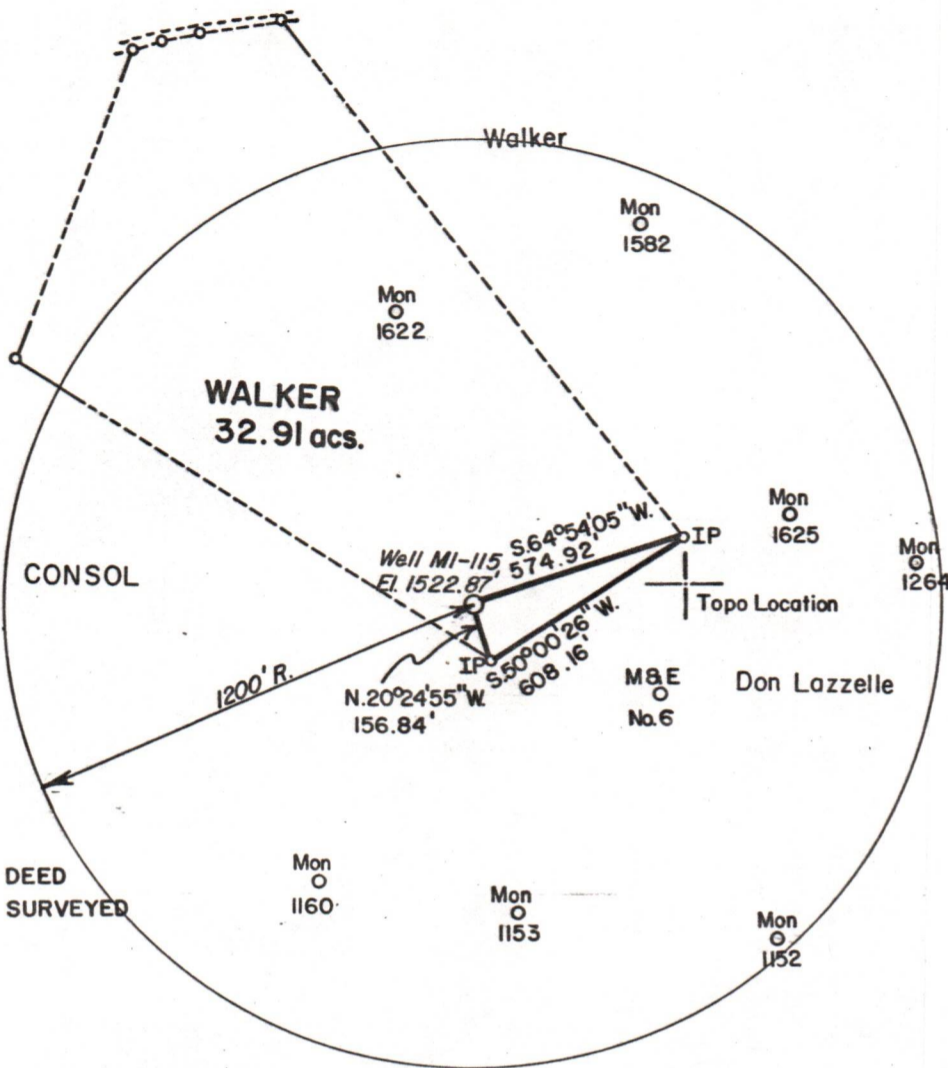
LATITUDE 39° 40' 00"

7,600'

8,990'

80° 07' 30"

LONGITUDE



FILE NO. MI-115
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
 PROVEN SOURCE OF ELEVATION Company survey tied into the U.S.G.S. network.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Donald W. Bourn
 R.P.E. 2901 L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 28th, 19 83
 OPERATOR'S WELL NO. MI-115
 API WELL NO. 47-061-0503-R-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1522.87' WATER SHED Jakes Run
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE 7.5'
 SURFACE OWNER WALKER (was Moore & Eddy) ACREAGE 32.91
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 11/24/2023
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH 2170'
 WELL OPERATOR CONSOLIDATION COAL COMPANY DESIGNATED AGENT Roger E. Duckworth
 ADDRESS CONSOL P.O. BOX 1314 MORGANTOWN, WV 26505 ADDRESS P.O. BOX 1314 MORGANTOWN, WV 26505

RECEIVED

MAR 02 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

11/24/2023

