



Well No. One
Farm Monongalia National Forrest
API # 47 - 083 - 0550
Date _____

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /

LOCATION: Elevation: 4427 Watershed: Bergoo Creek
District: Mingo County: Randolph Quadrangle: Sharp Knob

WELL OPERATOR Merrill Natural Resources, Inc. DESIGNATED AGENT James H. Poole
Address P. O. Box 3246 Address 105 Wildwood Road
Richmond, Virginia 23235-0446 Elkview, W. Va. 25071

OIL AND GAS ROYALTY OWNER Upper Elk Coal Co. COAL OPERATOR Upper Elk Coal Co.
Address _____ Address _____

Acreage 9470

SURFACE OWNER Monongahela National Forest COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ NAME _____
Address _____

Acreage 23,687.6 NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____
COAL LESSEE WITH DECLARATION ON RECORD:
NAME Upper Elk Coal Co.
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME _____
Address _____
Telephone _____

RECEIVED
NOV - 6 1931
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract x / dated _____, 19___, to the undersigned well operator from _____.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19___, in the office of the Clerk of County Commission of Randolph County, West Virginia, in _____ Book at page _____. A permit is requested as follows:

PROPOSED WORK: Drill ___ / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

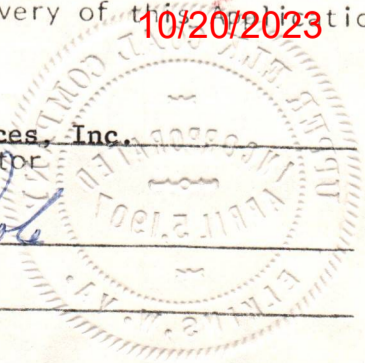
--planned as shown on the work order on the reverse side hereof.

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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

Merrill Natural Resources, Inc.
Well Operator
By: James Poole
Its: Vice-President



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Merrill Natural Resources, Inc.

Address P. O. Box 3246

Richmond, Virginia 23235-0446

GEOLOGICAL TARGET FORMATION: Benson Sand
Estimated depth of completed well 5300 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 40' feet; salt, feet.
Approximate coal seam depths:
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling		
Conductor	11 3/4			X		30'+ or -	30' + or -	Kinds
Fresh water	8 5/8			X		550'	550'	To Surface
Coal								Sizes
Intermed.								Depths set
Production Tubing	4 1/2			X		5300	5300	As Needed
Liners								Perforations: Top Bottom

NOTE: 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.
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.

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 7-12-82.

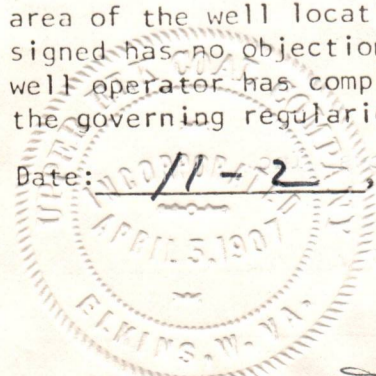
John Russell
Deputy Director - Oil & Gas Division

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:

W A I V E R

The undersigned coal operator / owner / lessee X / 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.

Date: 11-2, 1981.
By: Upper Elk Coal Company
John Brown
Its: Sec. Treas.
Shaddeus M. Pitt, Gen. Mgr.



10/20/2023



IV-9
(Rev 8-81)

DATE _____

WELL NO. _____

State of West Virginia

API NO. 47 - 083 - 0550

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Merrill Natural Resources DESIGNATED AGENT James Poole
 Address PO Box 3246, Richmond Va Address 105 Wildwood Rd, Elkhorn, W.V.
 Telephone (804) 794-0794 Telephone (304) 965-6362
 LANDOWNER Upper Elk Coal Co. SOIL CONS. DISTRICT Tygarts Valley
 Revegetation to be carried out by Merrill Natural Resources (Agent)

This plan has been reviewed by Tygarts Valley SCD. All corrections and additions become a part of this plan: 10-30-81 (Date)
James Poole (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage ditch (A)
 Spacing Earthen
 Page Ref. Manual 1:9

Structure diversion ditch (1)
 Material earthen
 Page Ref. Manual 1-9

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

Structure Sediment Barrier (2)
 Material Brush
 Page Ref. Manual 1:15

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

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

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NOV - 6 1981

OIL AND GAS DIVISION
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 3 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 Fescue 30 lbs/acre
Rye grass 15 lbs/acre
Ladino clover 5 lbs/acre

Treatment Area II

Lime 3 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 fescue 30 lbs/acre
Rye grass 15 lbs/acre
Ladino clover 5 lbs/acre

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



10/20/2023

PLAN PREPARED BY Mike Poole
 ADDRESS 105 Wildwood Rd
Elkhorn, W.V. 25071
 PHONE NO. (304) 965-6362

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

IV-9 REVERSE
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE _____

LEGEND	
Well Site	
Access Road	

10/20/2023

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

RECEIVED

DEC 13 1982

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 093-0550

Oil or Gas Well _____
(KIND)

Company <u>MERRILL NAT Res</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>RICHMOND VA</u>	Size			
Farm <u>UPPER Elk Coal Co</u>	16			Kind of Packer
Well No. <u>#1</u>	13			
District <u>Mingo</u> County <u>RANDOLPH</u>	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
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

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: _____

No location - ~~CANCEL~~
O.K. To Release

12-10-82
DATE

Robert Stewart 10/20/2023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

10/20/2023

DISTRICT WELL INSPECTOR



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

WALTER N MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

May 21, 1984

Merrill Natural Resources, Inc.
 1700 Huguenot Road
 P. O. Box 3246
 Richmond, Virginia 23235

In Re: PERMIT NO: 47-083-0550
 FARM: Monongalia National Forest
 WELL NO: 1
 DISTRICT: Mingo
 COUNTY: Randolph
 ISSUED: Nov. 12, 1981

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

XXXX The well designated by the above permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

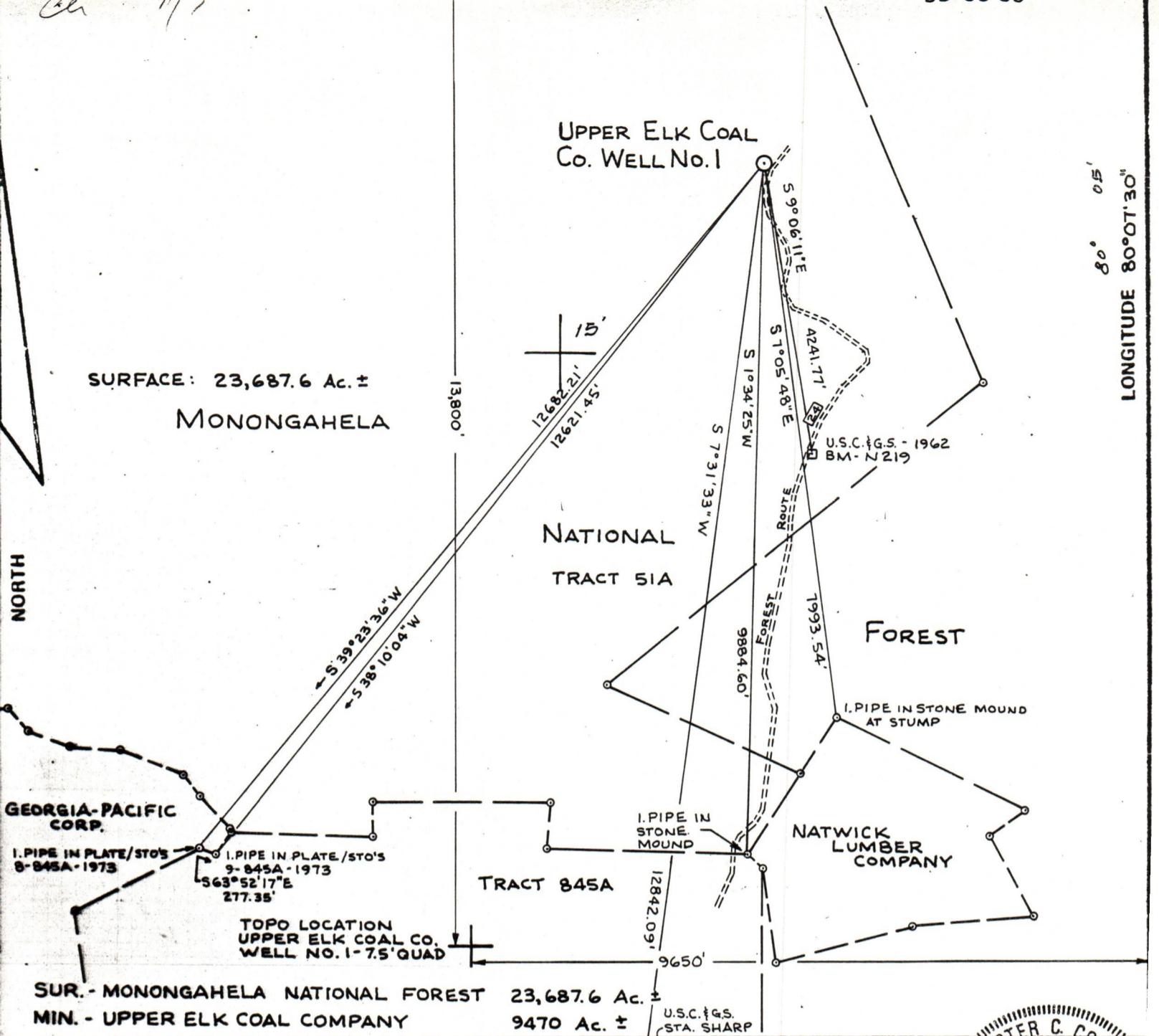
 Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

 Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas - Dept. Mines

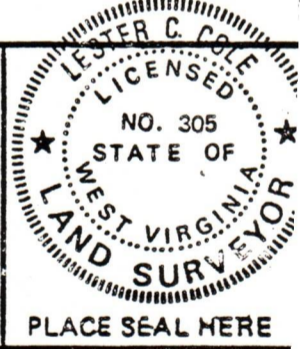
10/20/2023



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION U.S.C. & G.S. - 1962
BM-K248 Approx. 1 mi. South of location - 4416

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) Lester C. Cole
 R.P.E. _____ L.L.S. 305



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



DATE August 13, 19 81
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 - 083 - 0550
 STATE _____ COUNTY _____ PERMIT _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP X SHALLOW _____
 LOCATION: ELEVATION 4427 WATER SHED Bergoo Creek
 DISTRICT Mingo COUNTY Randolph
 QUADRANGLE Sharp Knob
 SURFACE OWNER Monongahela National Forest ACREAGE 23,687.6 more or less
 OIL & GAS ROYALTY OWNER Upper Elk Coal Company LEASE ACREAGE 9470 more or less
 LEASE NO. 509301 10/20/2023
 PROPOSED WORK: DRILL X 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 BENSON SAND ESTIMATED DEPTH 5300'
 WELL OPERATOR MERRILL NAT. RES. INC. DESIGNATED AGENT JAMES H. POOLE
 ADDRESS P.O. Box 3246 ADDRESS 109 WILDWOOD ROAD
RICHMOND VIRGINIA 23235 - 0346 ELKVILLE WV 25071