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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, September 19, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UPLAND RESOURCES, INC.  
300 PRATT STREET

LUKE, MD 215400000

Re: Permit approval for 2  
47-057-00039-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: 2  
Farm Name: KUYKENDALL, JOHN  
U.S. WELL NUMBER: 47-057-00039-00-00  
Vertical Plugging  
Date Issued: 9/19/2024

## PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

4705700039†

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_\_ / Gas X / Liquid injection \_\_\_\_ / Waste disposal \_\_\_\_ /  
(If "Gas, Production \_\_\_\_ or Underground storage \_\_\_\_ ) Deep X / Shallow \_\_\_\_

5) Location: Elevation 698 Watershed Patterson Creek  
District Cabin Run County Mineral Quadrangle Keyser

6) Well Operator Upland Resources 7) Designated Agent Larry A. Johnson  
Address 300 Pratt Street Address 300 Pratt Street  
Luke, MD 21540 Luke, MD 21540

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne Knitowski Name Stalnaker Eneergy  
Address 21 Energy Way Address P.O. 178  
Gormanian, WV 26720 Glenville, WV 26351

10) Work Order: The work order for the manner of plugging this well is as follows:

• 8 5/8" APPEARS TO BE SET AT 397' PER WELL LOG.  
gan

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Gayne Knitowski Date 8-13-2024  
Digitally signed by Gayne Knitowski, Inspector  
Date: 2024.08.13 09:44:27 -0400

09/20/2024

**PLUGGING PROCEDURE**  
**Kuykendall 2**  
**API #47-057-00039**  
**Elevation 698'**

**DATA:**

4-1/2" Casing to 2160', CTS  
8 5/8", 24#/ft Casing - 300', CTS 397' (log)  
Perforations - 2000' - 2142', from online log

**CAPACITIES:**

2-3/8" EUE Tubing - .0039 bbl/ft  
4-1/2" Casing - .0163 bbl/ft, .0912 cuft/ft  
8 5/8" Casing - .0637 bbl/ft, .3576 cuft/ft

**PRODECURE:**

1. Check and record pressure on 4 1/2" casing and 8 5/8" casing.
2. Blow well down to flat tank. If well will not blow down, perform top kill with 6% gel. Approximately 35 bbls.
3. Rig up JU head and run 2 3/8" EUE tubing to TD, estimated 2160'. Load hole with 6% gel, if not already loaded.
4. Set 210' Cement Plug from TD to 1950'
  - a. 19.6 cu ft, 17 Sacks of Class A with 2% CaCl2 + 10% excess. COVERS PERFORATIONS.
  - b. Displace With 6.5 Bbls of 6% gel to balance plug. JWM
5. Pull tubing to 1600', reverse circulate 7 bbls of water till clean. Shut in. WOC.
6. Tag plug. If lower than 1900', top off with cement. 1950' JWM
7. Trip out with 2 3/8" EUE to 750' and set elevation plug from 750' to 648'.
  - a. 9.3 cu ft, 8 Sacks of Class A with 2% CaCl2 + 10% excess.
  - b. Displace with 2 bbls of 6% gel to balance plug.
8. Pull tubing to 350' and set 8 5/8" Casing Shoe/Freshwater/Surface plug. From 350' to surface. 450'
  - a. 31.9 cu ft, 28 Sacks of Class A with 2% CaCl2
9. Slowly trip out pipe, top off with cement, set monument with minimum 6" diameter pipe, 36" up, with company name, well name, API#, and plug date, welded on steel plate.
10. Rig out, move off, reclaim.

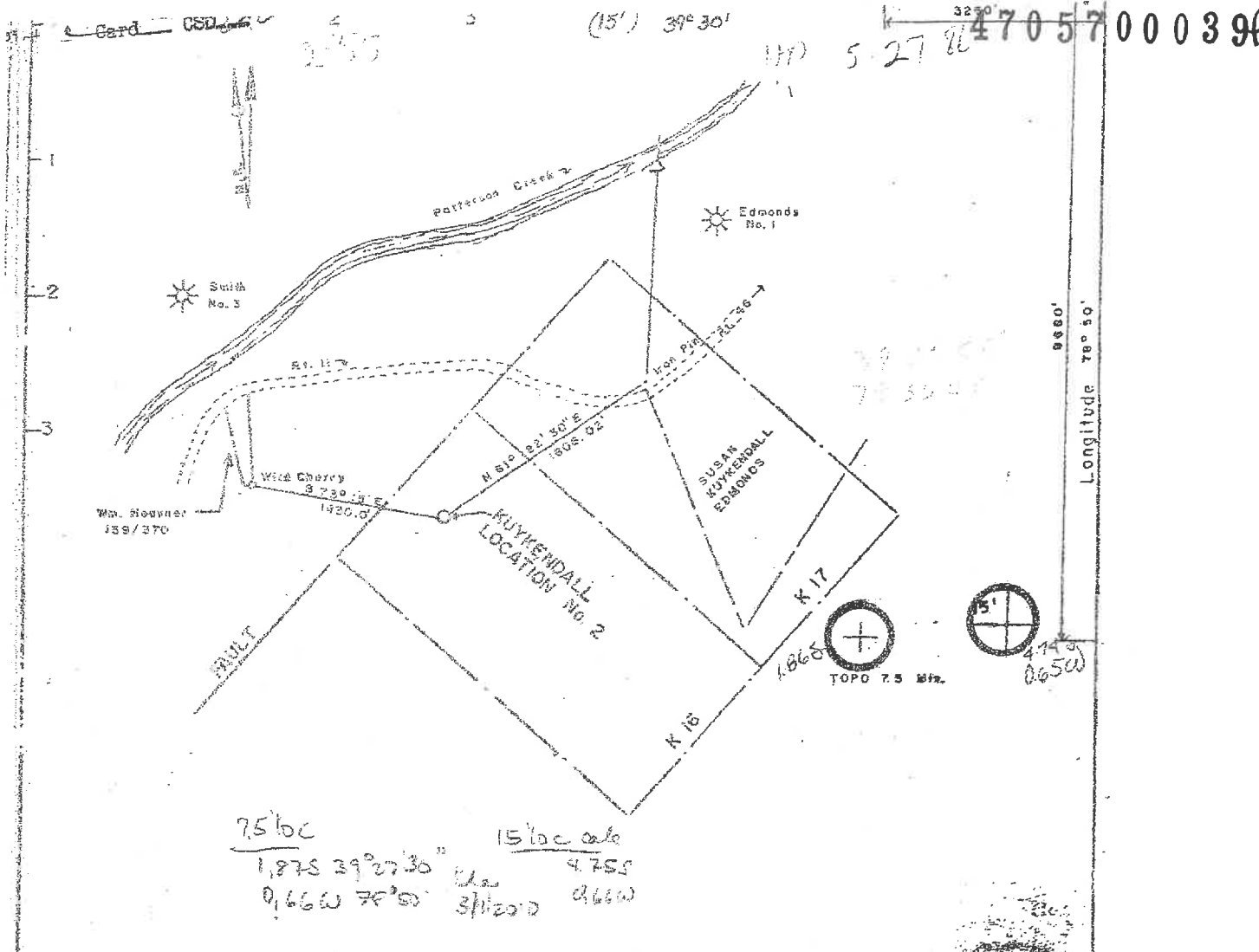
TOTAL CEMENT - 53 Sacks  
6% Gel - 43.5 bbls  
Water Required - 57 bbls  
Returned - Disposed Fluid - 46 Bbls Gel/Cement water plus wellbore fluid.

WILL NEED TO RECALCULATE SACKS.

Digitally signed by Gayne Knitowski, Inspector  
Date: 2024.08.13 09:44:02 -0400

TRIP OUT TO 1854' (TOP OF ONONDAGA LIMESTONE) AND SET 100' CLASS A CEMENT PLUG FROM 1854' TO 1754'. THIS WILL SEPARATE DEEP WELL FORMATIONS FROM SHALLOW FORMATIONS. JWM

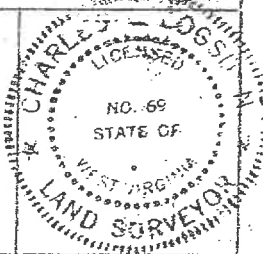
09/20/2024



75' loc 1,875 39° 27' 30" 4.755  
 0.666 78° 50' 31/200 0.660

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/16 200'  
 PROVEN SOURCE OF ELEVATION Red on Brown  
well Bridge

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) [Signature]  
 R.P.E. L.L.S. 69



(N) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-S (878)

DATE May 9, 1980  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
 WV - 057 - 0039  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

RECEIVED  
 Office of Oil and Gas

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 690.00 WATER SHED \_\_\_\_\_

AUG 16 2024

DISTRICT Cabin Run COUNTY Lincoln  
 QUADRANGLE 15 N 15 E 15 S 15 W 15

WV Department of Environmental Protection

SURFACE OWNER L. & Elizabeth Kuykendall ACREAGE 258  
 OIL & GAS ROYALTY OWNER L. & Elizabeth Kuykendall LEASE ACREAGE 258  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ F. DRILL \_\_\_ 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 Oriskany Sand ESTIMATED DEPTH 2400 ±  
 WELL OPERATOR Upstream Resources DESIGNATED AGENT H. H. Huntley  
 ADDRESS 1700 Broadview Tower Building, Pittsburgh Pa. 15222 ADDRESS 1700 Broadview Tower Building, Pittsburgh Pa. 15222

09/20/2024

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil  Gas   
If "Gas", Production  Underground Storage  Deep  Shallow   
LOCATION: Elevation: 698' Watershed: Patterson Creek  
District: Cabin Run County: Mineral Quadrangle: Headsville

WELL OPERATOR Upland Resources, Inc. DESIGNATED AGENT Huntley & Huntley, Inc.  
Address: 1700 Benedum-Trees Bldg. Address: 1700 Benedum-Trees Bldg.  
Pittsburgh, Penna. 15222 Pittsburgh, Penna. 15222

OIL & GAS ROYALTY OWNER John & Eliz. Kuykendall COAL OPERATOR No Coal  
Address: Rt. 2, Box 232, Keyser, W. Va. 26726 Address: \_\_\_\_\_

ACREAGE: 258 COAL OWNER(S) WITH DEED RECORDED  
SURFACE OWNER Same as above Name NA Address \_\_\_\_\_  
Address: \_\_\_\_\_

ACREAGE: 258 Name \_\_\_\_\_  
FIELD SALE (IF MADE) TO: Address \_\_\_\_\_  
Name NA Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION OR RETIRE: Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert S. Stewart  
Address P.O. Box 345  
Jane Lew., W. Va. 26378

RECEIVED  
MAY 21 1980  
OIL & GAS DIVISION  
DEPT. OF MINES

RECEIVED  
Office of Oil and Gas

AUG 16 2024

The undersigned well operator is entitled to operate for oil or gas purposes at Environmental Protection location under a deed  lease  other contract  dated Oct. 15, 1978, to the undersigned well operator from John & Eliz. Kuykendall [If said deed, lease, or other contract has been recorded:] Recorded on Oct 15, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 216 at page 762. 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 § 22-2-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.  
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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1416 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (800) 3-2-3192

Upland Resources, Inc.  
Huntley & Huntley, Inc. Agent  
By [Signature]  
Its President

09/20/2024

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Talkington-Brady, Inc.  
Address P. O. Box 371  
Buckhannon, W. Va. 27201

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 2400 feet Rotary      Cable tools XX

Approximate water strata depths: Fresh, 50 feet; salt,      feet.

Approximate coal seam depths: No Coal Is coal being mined in the area? Yes      No XX

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		
Conductor							Kinds
Fresh water	8.625			XX		400' to surface	
Coal							Sizes
Intermediate							
Production	4.50			XX		2400' to surface	Deaths set
Taper							
Logans							Perforations:
							Top Bottom

NOTE: Regulation 7.00 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 plan 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 § 20-4-2, (iii) Form IV-3, "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 § 22-4-12c, and (v) if applicable, the consent required by Code § 22-4-3a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-8 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.

RECEIVED  
Office of Oil and Gas

AUG 16 2024

WV Department of  
Environmental Protection

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 1-29-81.

[Signature]  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator or coal lessee who has recorded a declaration to be issued within fifteen (15) days of r

of operator and by any coal owner der Code § 22-4-20, if the permit apt thereof:

W A I V E

The undersigned coal operator / owner has examined this proposed well location. all location, the well location has been added to the work proposed to be done at this location, prov applicable requirements of the West Virginia Code a

lessee / of the coal under this well a mine map exists which covers the area of the mine map. The undersigned has no objection to 1, the well operator has complied with all the governing regulations.

Date:     , 19     

By       
Its     

09/20/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Headsville  
Permit No. 00-39 Mineral

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

Company <u>Upland Resources, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks)
Address <u>1700 Benedum-Trees Pitt. Pa. 15222</u>	Size			
Farm <u>John &amp; Eliz. Kuykendall Acres 258</u>	20-16			
Location (waters) <u>Patterson Creek</u>	Cond.			
Well No. <u>2</u> Elev. <u>698</u>	13-10"			
District <u>Cabin Run</u> County <u>Mineral</u>	9 5/8			
The surface of tract is owned in fee by <u>John &amp; Eliz. Kuykendall</u>	8 5/8	<u>300</u>	<u>300</u>	<u>397' juv</u>
Address _____	7			
Mineral rights are owned by <u>Same as Land owner</u>	5 1/2			
Address _____	4 1/2		<u>215</u>	
Drilling Commenced _____	3			
Drilling Completed <u>8-18-80</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Lines Used			
Final production <u>300M</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test <u>540</u> RP.				

Well treatment details: Attach copy of cementing record.  
Perforations: 1956-60, 1998-2002, 2040-46, 2052-56, 2086-98 300 MCF  
Fraced by Halliburton

Coal was encountered at No coal Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 120 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Depth 1995-2120

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale			0	1674		Formations taken from Gamma ray log.  Gas  <b>RECEIVED</b> Office of Oil and Gas  <b>AUG 16 2024</b>  wV Department of Environmental Protection
Selinsgrove			1674	1776		
Marcellus			1776	1844		
Tioga Metabentonite			1844	1854		
Onondaga Limestone			1854	1870		
Needmore Shale			1870	1995		
Oriskany Sand			1995	2120		
Helderberg Limestone			2120	---		
Total Depth				2158		

(over)

\* Indicates Electric Log tops in the remarks section.

JUL 27 1981  
**09/20/2024**





# Basin Surveys, Inc.

PERFORATION DEPTH CONTROL

057-0039

PLUMBING NO.

PERMIT #

MIN-0039-47-057

COMPANY UPLAND RESOURCES C/O HUNTLEY & HUNTLEY

WELL JOHN & ELIZ. RUCKERDALL

FIELD CABIN RUN DISTRICT

COUNTY MINERAL STATE WV

LOCATION:

PATTERSON CREEK WATERSHED HEADSVILLE SWADRVAGLEB

OTHER LOGS:

GR/CD/C/?

GROUND LEVEL 698'

PERMANENT DATUM LOG MEASURED FROM D. F. 3' ABOVE D. D.

ELEVATIONS: 701' 698'

DATE 9-21-80

RUN NO.

ONE

TYPE LOG

GR/PDC

DEPTH - DRILLER

2150'

DEPTH - LOGGER

2164'

BOTTOM LOGGED INTERVAL

2160'

TOP LOGGED INTERVAL

1800'

TYPE FLUID IN HOLE

WATER/ACID

SAUNTY PPM CL

-

DENSITY LB./GAL.

-

LEVEL

FULL

MAX. REC. TEMP. - DEG. F

-

OPR. RIG TIME

4 HRS.

RECORDED BY

M. MORAN

WITNESSED BY

MR. CHRISTOPHER

RUN NO.	BORE HOLE RECORD				CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO	
8"	SURF.	397'	8 5/8"	SURF.	397'	T.D.		

## EQUIPMENT DATA

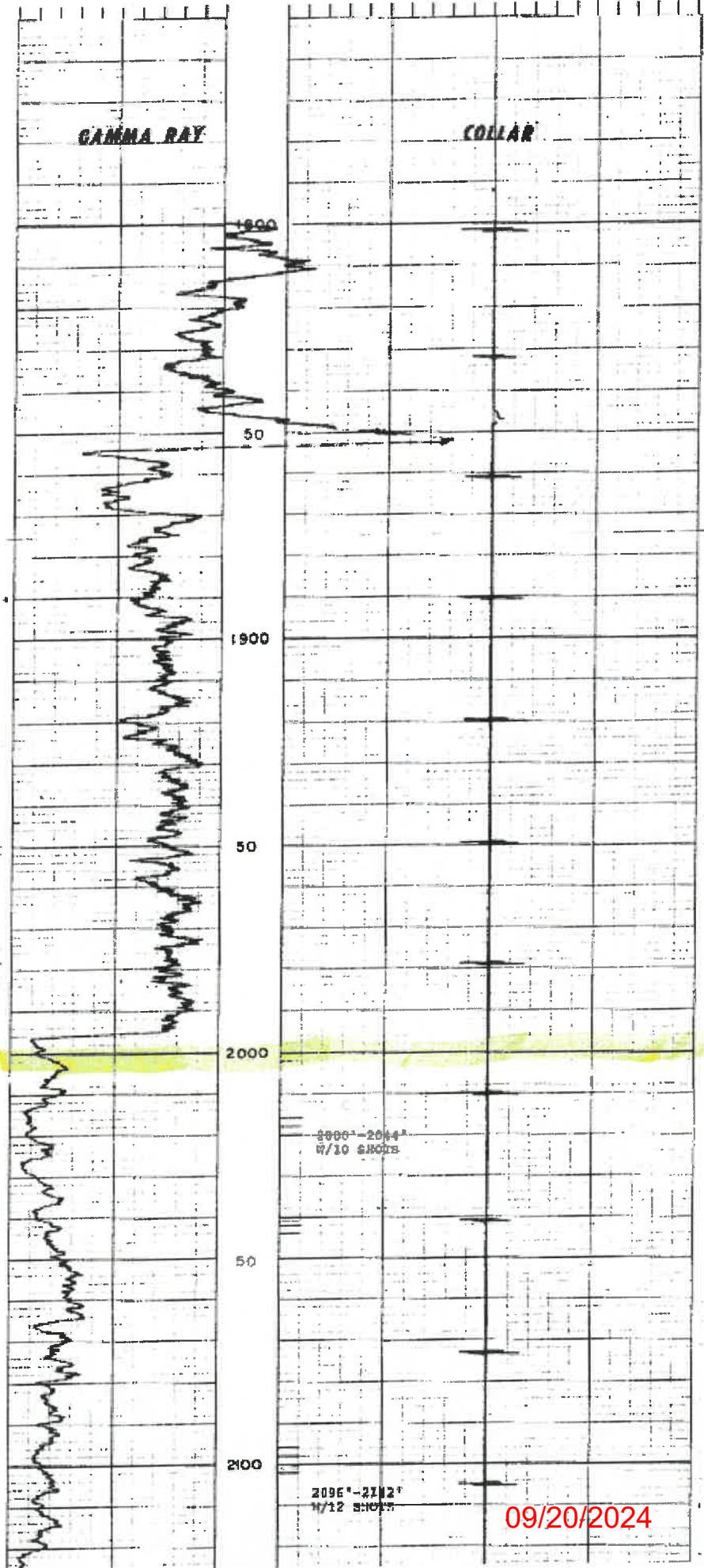
GAMMA RAY		PERFORATIONS			
RUN NO	ONE	Type	To	From	No. Shots
TOOL MODEL NO	-	2 1/8" GLASS	2142'	2096'	12
DIAM	1.75"		2044'	2000'	10
DETECT MODEL NO.	A.P.A.				
TYPE	SCINT.				
LENGTH	36"				
GENERAL					
MOIST TRUCK NO	668				
NST. TRUCK NO.	668				
TOOL SERIAL NO.					

## LOGGING DATA

GENERAL		GAMMA RAY					
IN O.	DEPTHS		SPEED FT/MIN	T.C. SEC	SENS. SETTINGS	ZERO LOG DIV.	SCALE API G.R. UNITS
	FROM	TO					
	2160'	1800'	30	2	210	0-L	0-250

REFERENCE LITERATURE:

09/20/2024



Mottled  
LINE

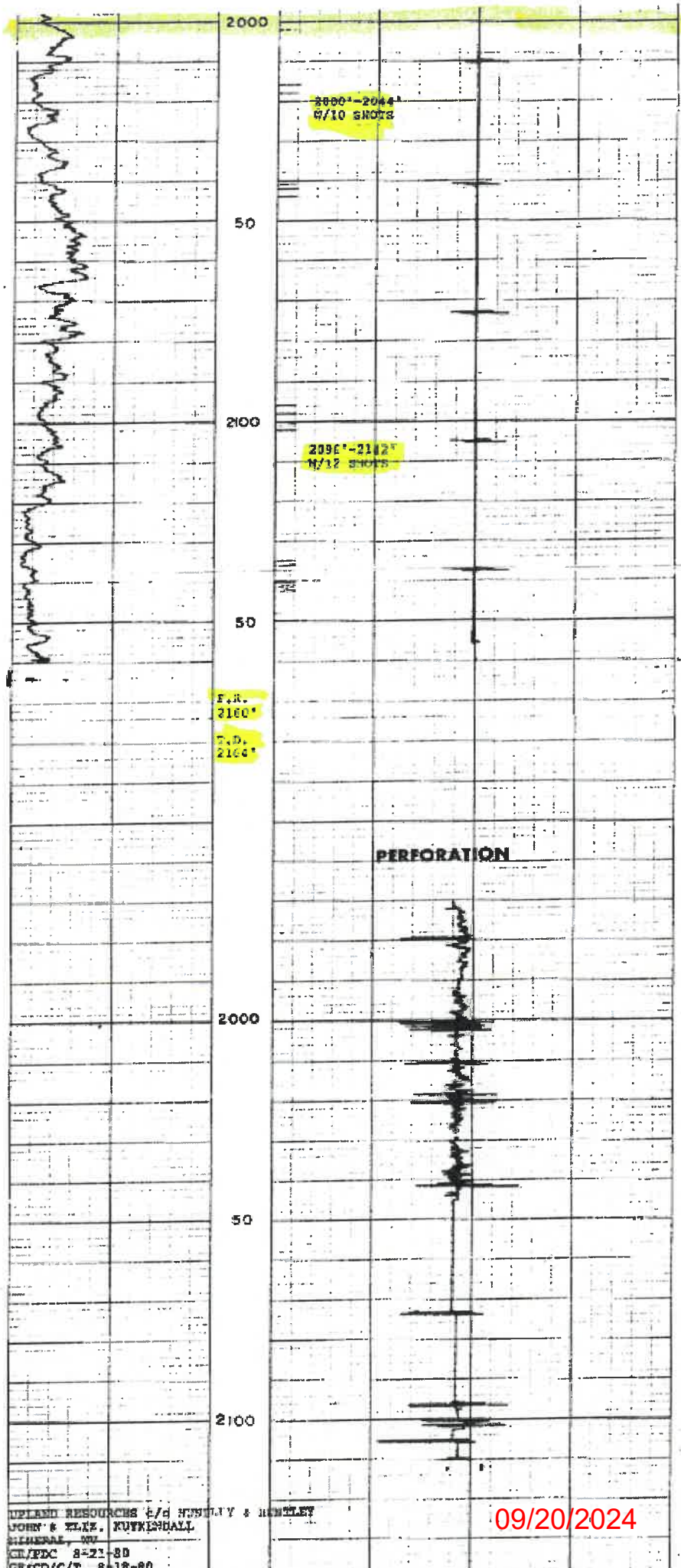
2000'-2044'  
w/10 SMOKE

2096'-2112'  
1/12 SMOKE

09/20/2024

4705700039P

MATCH LINE



2000'-2044'  
R/10 SHOTS

2096'-2112'  
R/12 SHOTS

F.R.  
2100'

T.D.  
2104'

PERFORATION

UPLAND RESOURCES P/d HUNTER & HUNTLEY  
JOHN & ELKE KUTRINDALL  
SIGNAL, WV  
CR/EDC 8-21-80  
GR/CD/C/T 8-18-80

09/20/2024



Select County: (057) Mineral Select datatypes: [ ] (Check All)
Enter Permit #: 00039
[ ] Location [ ] Production [ ] Plugging
[ ] Owner/Completion [ ] Stratigraphy [ ] Sample
[ ] Pay/Show/Water [ ] Logs [ ] Btm Hole Loc
[Get Data] [Reset]

Table Descriptions
County Code Translations
Permit-Numbering Series
Usage Notes
Contact Information
Disclaimer
WVGES Main
Pipeline-Plus New

WV Geological & Economic Survey:

Well: County = 57 Permit = 00039 Link to all digital records for well

Report Time: Wednesday, September 18, 2024 3:39:29 PM

Location Information: View Map

Table with columns: API, COUNTY, PERMIT, TAX\_DISTRICT, QUAD\_75, QUAD\_15, LAT\_DD, LON\_DD, UTME, UTMN
4705700039 Mineral 39 Cabin Run Headsville Keyser 39.431287 -78.84542 685439.5 4366853.8

There is no Bottom Hole Location data for this well

Owner Information:

Table with columns: API, CMP\_DT, SUFFIX, STATUS, SURFACE\_OWNER, WELL\_NUM, CO\_NUM, LEASE, LEASE\_NUM, MINERAL\_OWN, OPERATOR\_AT\_COMPLETION, PROP\_VD, PROP\_TRGT\_FM, TFM\_EST\_PR
4705700039 8/18/1980 Original Loc Completed J M & E Kuykendall 2 Upland Resources

Completion Information:

Table with columns: API, CMP\_DT, SPUD\_DT, ELEV, DATUM, FIELD, DEEPEST\_FM, DEEPEST\_FMT, INITIAL\_CLASS, FINAL\_CLASS, TYPE, RIG, CMP\_MTHD, TVD, TMD, NEW\_FTG, KOD, G\_BEF, G\_AFT, O
4705700039 8/18/1980 -/- 698 Ground Level Headsville N Helderberg Oriskany Development Well Development Well Gas Cable Tool Fractured 2158 2158 0 300

Pay/Show/Water Information:

Table with columns: API, CMP\_DT, ACTIVITY, PRODUCT, SECTION, DEPTH\_TOP, FM\_TOP, DEPTH\_BOT, FM\_BOT, G\_BEF, G\_AFT, O\_BEF, O\_AFT, WATER\_QNTY
4705700039 8/18/1980 Water Fresh Water Vertical 1956 Oriskany 2098 Oriskany 0 300
4705700039 8/18/1980 Pay Gas Vertical 1956 Oriskany 2098 Oriskany 0 300

Production Gas Information: (Volumes in Mcf)

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_GAS, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM
4705700039 Upland Resources 1981 3,663 552 447 388 403 366 287 288 252 226 115 168 171
4705700039 Upland Resources 1982 1,295 113 144 159 134 0 51 163 109 105 113 106 98
... 4705700039 Upland Resources 2021 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Production Oil Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_OIL, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM
4705700039 Upland Resources 1981 0 0 0 0 0 0 0 0 0 0 0 0 0 0
... 4705700039 Upland Resources 2021 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Production NGL Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_NGL, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM
4705700039 Upland Resources 2014 0 0 0 0 0 0 0 0 0 0 0 0 0 0
... 4705700039 Upland Resources 2021 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Production Water Information: (Volumes in Gallons)

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_WTR, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM
4705700039 Upland Resources 2018 0 0 0 0 0 0 0 0 0 0 0 0 0 0
4705700039 Upland Resources 2021 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Stratigraphy Information:

Table with columns: API, SUFFIX, FM, FM\_QUALITY, DEPTH\_TOP, DEPTH\_QUALITY, THICKNESS, THICKNESS\_QUALITY, ELEV, DATUM
4705700039 Original Loc Marcellus Fm Well Record 1776 Reasonable 68 Reasonable 698 Ground Level
... 4705700039 Original Loc Helderberg Well Record 2120 Reasonable 0 Reasonable 698 Ground Level

Wireline (E-Log) Information:

\* Scanned/Raster Log Information:

Table with columns: API, STATUS, LOG\_TOP, LOG\_BOT, DEEPEST\_FML, LOGS\_AVAIL, SCAN, GR\_TOP, GR\_BOT, D\_TOP, D\_BOT, N\_TOP, N\_BOT, I\_TOP, I\_BOT, T\_TOP, T\_BOT, S\_TOP, S\_BOT, O\_TOP, O\_BOT, INCH2, INI
4705700039 Regular Entry 0 2154 G.C.D.T.\* Y 0 2148 966 2154 958 2142 966 2154 Y Y

Scanned/Raster Comment: \*logs: caliper, CCL, perf

\* There is no Digitized/LAS Log data for this well

Downloadable Log Images/Data: We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

Quick Reference Guide for Log File Names For more info about WVGES scanned logs click here geologic log types:

4705700039P

Scanned/Raster

Logs

FILENAME

4705700039gdct.tif  
4705700039pg.tif

- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
  - e photoelectric adsorption (PE or Pe, etc.)
  - g gamma ray
  - i induction (includes dual induction, medium induction, deep induction, etc.)
  - l laterolog
  - m dipmeter
  - n neutron (includes neutron porosity, sidewall neutron—SWN, etc.)
  - o other<sup>1</sup>
  - s sonic or velocity
  - t temperature (includes borehole temperature, BHT, differential temperature, etc.)
  - z spontaneous potential or potential
- mechanical log types:**
- b cement bond
  - c caliper
  - o other<sup>1</sup>
  - p perforation depth control or perforate

<sup>1</sup>Other logs may include, but are not limited to, such curves as audio, bit size, CCL—casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL—Nuclear Cement Top Locator, radioactive tracer, tension

There is no Plugging data for this well

There is no Sample data for this well

4705700039P

WW-4A  
Revised 6-07

1) Date: 3/1/2024  
2) Operator's Well Number  
J. M. Kuykendall No. 2

3) API Well No.: 47 - 57 - 00039

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>William Frank Junkins and Karen Jean Bean</u>	Name <u>N/A</u>
Address <u>40 Pine Ridge Street</u>	Address _____
<u>Fort Ashby, WV 26719</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Gayne Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>21 Energy Way</u>	Name _____
<u>Gorman, WV 26720</u>	Address _____
Telephone <u>304-546-8171</u>	_____

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**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Upland Resources  
 By: [Signature]  
 Its: Environmental Manager  
 Address 300 Pratt Street  
Luke, MD 21540  
 Telephone 304-268-9659

Subscribed and sworn before me this 19 day of April 2024  
[Signature] Notary Public  
 My Commission Expires 9/20/2025

SARA R. FLEMING  
 Notary Public-Maryland  
 Allegany County  
 My Commission Expires  
 September 20, 2025

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

09/20/2024

**SURFACE OWNER WAIVER**

4705700039P

Operator's Well  
Number

J.M. Kuykendall No. 2

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

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**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

  
\_\_\_\_\_  
Signature

Date 5-7-24

Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_  
Date \_\_\_\_\_

Signature \_\_\_\_\_ Date 09/20/2024

4705700039P

WW-9  
(5/16)

API Number 47 - 057 00039  
Operator's Well No. Jm Keyser NO 2

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Upland Resources OP Code \_\_\_\_\_

Watershed (HUC 10) Patterson Creek Quadrangle Keyser

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number 34-009-23572)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

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Will closed loop system be used? If so, describe: Yes, fluids stored in tanks, cuttings taken to landfill.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. 6% Freshwater Gel

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed off-site to landfill.

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? Meadowfill Landfill Permit #SWF-1032-98; Wetzel Co. Landfill Permit #SWF-1021;

Northwestern Landfill Permit #SWF-1025

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

Company Official (Typed Name) Larry A. Johnson

Company Official Title Environmental Manager

Subscribed and sworn before me this 19 day of April, 2024

[Signature] Notary Public

My commission expires \_\_\_\_\_

SARA R. FLEMING  
Notary Public-Maryland  
Allegany County  
My Commission Expires  
September 20, 2025

09/20/2024



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

**Temporary**

**Permanent**

Seed Type	lbs/acre
Annual Ryegrass	40
Field Bromegrass	40

Seed Type	lbs/acre
Crownvetch	10
Tall Fescue	30

\*or type of grass seed requested by surface owner.

Attach:  
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Gayne Knitowski, Inspector Digitally signed by Gayne Knitowski, Inspector  
Date: 2024.08.13 09:49:31 -0400

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Inspector Date: 8-13-2024

Field Reviewed?  Yes  No

4705700039P

WW-9- GPP  
Rev. 5/16

Page 1 of 2  
API Number 47 - 057 - 00039  
Operator's Well No. KEYSER NO. 2

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
GROUNDWATER PROTECTION PLAN

Operator Name: Upland Resources  
Watershed (HUC 10): PATTERSON CREEK Quad: Keyser  
Farm Name: \_\_\_\_\_

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

SEE ATTACHED

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

\_\_\_\_\_

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

\_\_\_\_\_

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

The following is an attachment made hereto and a part of the Groundwater Protection Plan (Form WW-9-GPP) for the Application to Plug and Abandon the Upland Resource's – J.M. Kuykendall No. 2 well located in Mineral County, West Virginia, and further identified as API 47-057-00039.

1.
  - A. Prior to moving earth for well plugging, establish erosion and sediment controls.
  - B. Build site and install cellar box 4'X4' or 6'X6' if necessary, cement bottom to contain borehole fluids.
  - C. Contain site with 10oz Rock Guard and 40 mil HD plastic, berm site with 10" Foam berm.
  - D. Install matting onsite where plugging equipment can comprise containment.
  - E. During plugging process, pump all fluids to roll off tanks – to be taken to disposal.
  
2.
  - A. Established erosion control materials will be 8" silt sock or Greenband Silt Fence.
  - B. All effluent during plugging process will be put in steel roll off tanks, all effluent on containment plastic will be pumped from cellar box to steel roll off tanks.
  - C. Fiberglass rig mats 7'X14' will keep equipment from puncturing containment liner.
  - D. After plugging of well is complete, liner material and cellar will be removed and sent to the appropriate disposal facility.
  
3. The closest water body is Left Fork, being a tributary of Sandy Creek – approximately 2000 feet from location. All fluids will be discharged into steel roll off tanks on location which tanks will be removed from location and sent for proper disposal.
 

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4. Non-Applicable
 





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5. Non-Applicable
 

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6. During the plugging process, the only deicing material that could possibly be used would be salt, and if used would be contained in the steel roll off tanks and sent to disposal. Our location setup prior to the plugging will control all effluents and allow all effluents to be contained in steel roll off boxes.
  
7. Stalnaker Energy Services, LLC will provide a certified containment crew to the site to build containment system. This crew is employed by Stalnaker Energy.
  
8. A daily inspection of GPP will occur during plugging process. If a rain event occurs while rig crew is not working, an inspection will be conducted to address stormwater. All E&S controls will be maintained until reclamation of site is complete and 70% vegetation is established.

**Oil&Gas**

Wells, Horizontal Only

WellStatus

-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged

Wells, Coal Bed Methane



Laterals

WellStatus

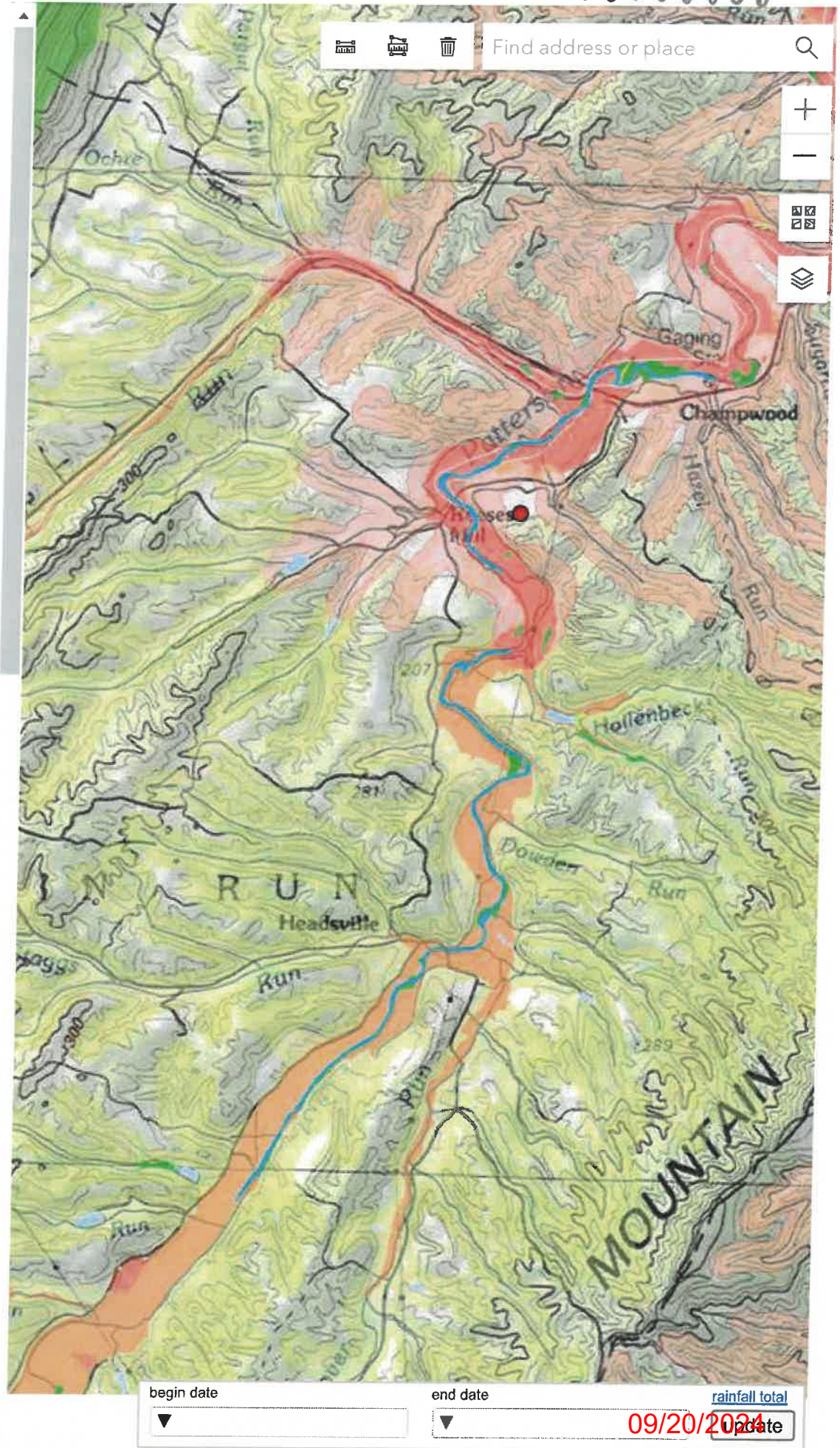
-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged
-  <all other values>

**Wetlands**

National Wetland Inventory

Wetland Type

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Riverine
-  Other



begin date

end date

rainfall total

Update

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-057-00039 WELL NO.: 2

FARM NAME: J.M. & Elizabeth Kuykendall

RESPONSIBLE PARTY NAME: Upland Resources

COUNTY: Mineral DISTRICT: Cabin Run

QUADRANGLE: Keyser HEADSVILLE

SURFACE OWNER: William Frank Junkins and Karen Jean Bean

ROYALTY OWNER: William Frank Junkins and Karen Jean Bean

UTM GPS NORTHING: 4366897

UTM GPS EASTING: 1085471 GPS ELEVATION: 704

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

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- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Henry A. Johnson Env. Mgr. 9/18/24  
Signature Title Date

09/20/2024