

(Obverse)

(Revised 3-81)

Form J. Kee No. 3
APR 77 - 087 3657
Date August 12, 1982

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: 830' Watershed: Big Run
District: Harper County: Roane Quadrangle: Walton

WELL OPERATOR: Allegheny & Western DESIGNATED AGENT: Roland Baer
P. O. Box 2587, Chas., WV Address: P. O. Box 2587, Chas., WV

ROYALTY OWNER: Jarrett Ellis Kee COAL OPERATOR: N/A
Address: Box 4 Address:
Harmony, WV
Acres: 24.5

SURFACE OWNER: Jarrett Ellis Kee COAL OWNER(S) WITH DECLARATION ON RECORD:
Address: Box 4 NAME: N/A
Harmony, WV Address:
Acres: 24.5 NAME:
Address:

FIELD WELL (IF MADE) TO:
NAME: N/A
Address:

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME: Deo Mace
Address: Route 1, Box 5
Sandridge, WV 25274
Telephone: 655-7398

RECEIVED

AUG 13 1982

OIL & GAS DIVISION
DEPT. OF MINES

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

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

Recorded on _____, 19____, in the office of the Clerk of County Commission of Roane County, West Virginia, in _____ Book at page _____. A permit is

requested as follows:

PROPOSED WORK: Drill x / Drill deeper / Redrill / Fracture or stimulate x /
Plug off old formation / Perforate new formation x /
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 222-157 may 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 - 204/348-3092

By: R F Hess
Title: _____

09/15/2023

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Not Known

Address: _____

GEOLOGICAL TARGET FORMATION Devonian-Brown-Marcellus-Shale

Estimated depth of completed well 5395 feet. Rotary / Cable tools
Approximate water strata depths: fresh, 200 feet; salt, 2000 feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				New	Used	FOOTAGE INTERVALS For Drill-String	Left in Well	CEMENT FILL OR SACKS	PACKERS
	Size	Grade	Weight per ft	Weight						
Conductor	13 3/8	SMLS	42 lbs		<input checked="" type="checkbox"/>					
Fresh water	9 5/8	SMLS	32		<input checked="" type="checkbox"/>		60 ft	20 c.t.	Sizes	
Coal							300 ft	100		
Intermed.	7	SMLS	23		<input checked="" type="checkbox"/>		2500 ft	into 9 5/8		
Production	4 1/2	SMLS	10.5		<input checked="" type="checkbox"/>		5395 ft	500 c.t.	Perforations:	
Tubing									or as required by rule	
Liners							15.01		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 in 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 drilling 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,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling **. THIS PERMIT SHALL EXPIRE**
IF OPERATIONS HAVE NOT COMMENCED BY 4-17-83
BY [Signature]

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 / 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 coal operator has complied with all applicable requirements of the West Virginia Code and governing regulations.

09/15/2023

By: [Signature]

Its: _____



DATE: August 13, 19 82
OPERATOR'S
WELL NO.: Kee #3

API NO: 47 - 087 - 3657
State County Permit No.

State of West Virginia

OFFICE OF OIL AND GAS
DEPARTMENT OF MINES

A F F I D A V I T

State of West Virginia

County of Kanawha

I, Robert H. Hess (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: *R H Hess*

Taken, Subscribed, and sworn to before me this 13th day of August, 19 82.

Notary: *Regina Murray*

My Commission Expires: June 3, 1992

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OIL & GAS DIVISION
DEPT. OF MINES

09/15/2023

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Walton

LEGEND

Well Site ⊕

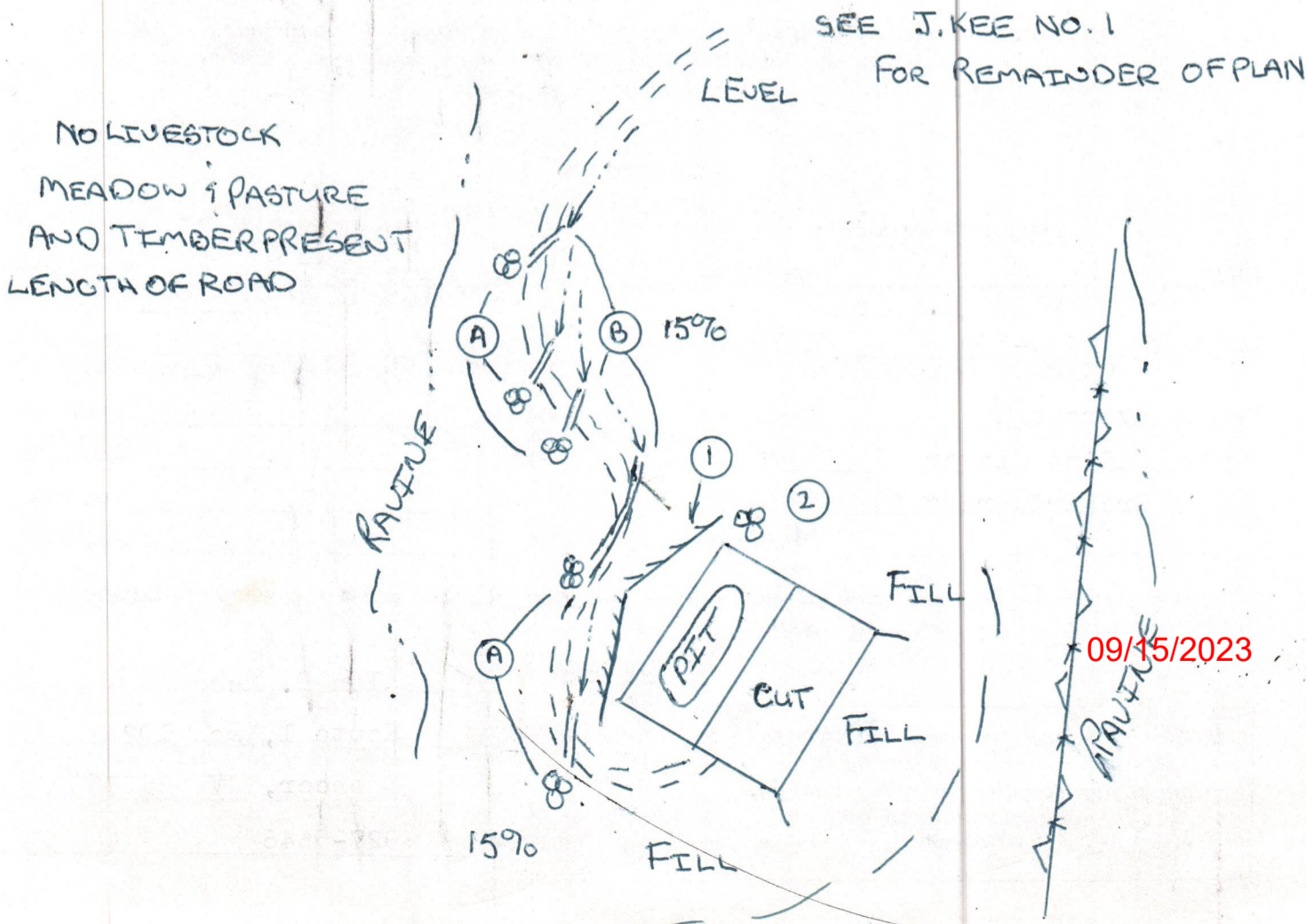
Access Road ———

WELL SITE PLAN

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

LEGEND

Property boundary ———▲———	Diversion ———/———
Road = = = = =	Spring ○→
Existing fence ———x———x———	Wet spot ⦿
Planned fence ———/———/———	Building [shaded box]
Stream ~ ~ ~ ~ ~	Drain pipe ○→○→○→
Open ditch ———>———>———>———>———	Waterway [wavy line]





IV-9
(Rev 8-81)

DATE August 11, 1982

WELL NO. J. Kee No. 3

State of West Virginia

API NO. 47 - 087 - 3657

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland Baer
 Address P.O. Box 2587, Chas., WV Address P.O. Box 2587, Chas., WV
 Telephone 343-4327 Telephone 343-4327
 LANDOWNER Jarrett Ellis Kee SOIL CONS. DISTRICT Little Kanawha
 Revegetation to be carried out by Roland Baer (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 8-12-82

(Date)
Jarrett Newlon
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Rip Rap</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>N/A</u>	Material <u>Earth</u>
Page Ref. Manual <u>2-9</u>	Page Ref. Manual <u>2-13</u>
Structure <u>Ditch Relief Cross Drain</u> (B)	Structure <u>Rip Rap</u> (2)
Spacing <u>115 ft. @ 6%</u>	Material <u>Stone</u>
Page Ref. Manual <u>2-2</u>	Page Ref. Manual <u>2-9</u>
Structure _____ (C)	Structure <u>Drainage Ditch</u> (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual <u>2-12</u>

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OIL & GAS DIVISION
DEPT. 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		Treatment Area II	
Lime _____ Tons/acre	or correct to pH <u>6.5</u>	Lime <u>Same as I</u> Tons/acre	or correct to pH _____
Fertilizer <u>400-600</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer _____ lbs/acre	(10-20-20 or equivalent)
Mulch <u>Hydroseed</u> Tons/acre		Mulch _____ Tons/acre	
Seed* <u>Ladino Clover 5</u> lbs/acre		Seed* _____ lbs/acre	
<u>Orchard Grass 40</u> lbs/acre		_____ lbs/acre	
_____ lbs/acre		_____ lbs/acre	

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

09/15/2023

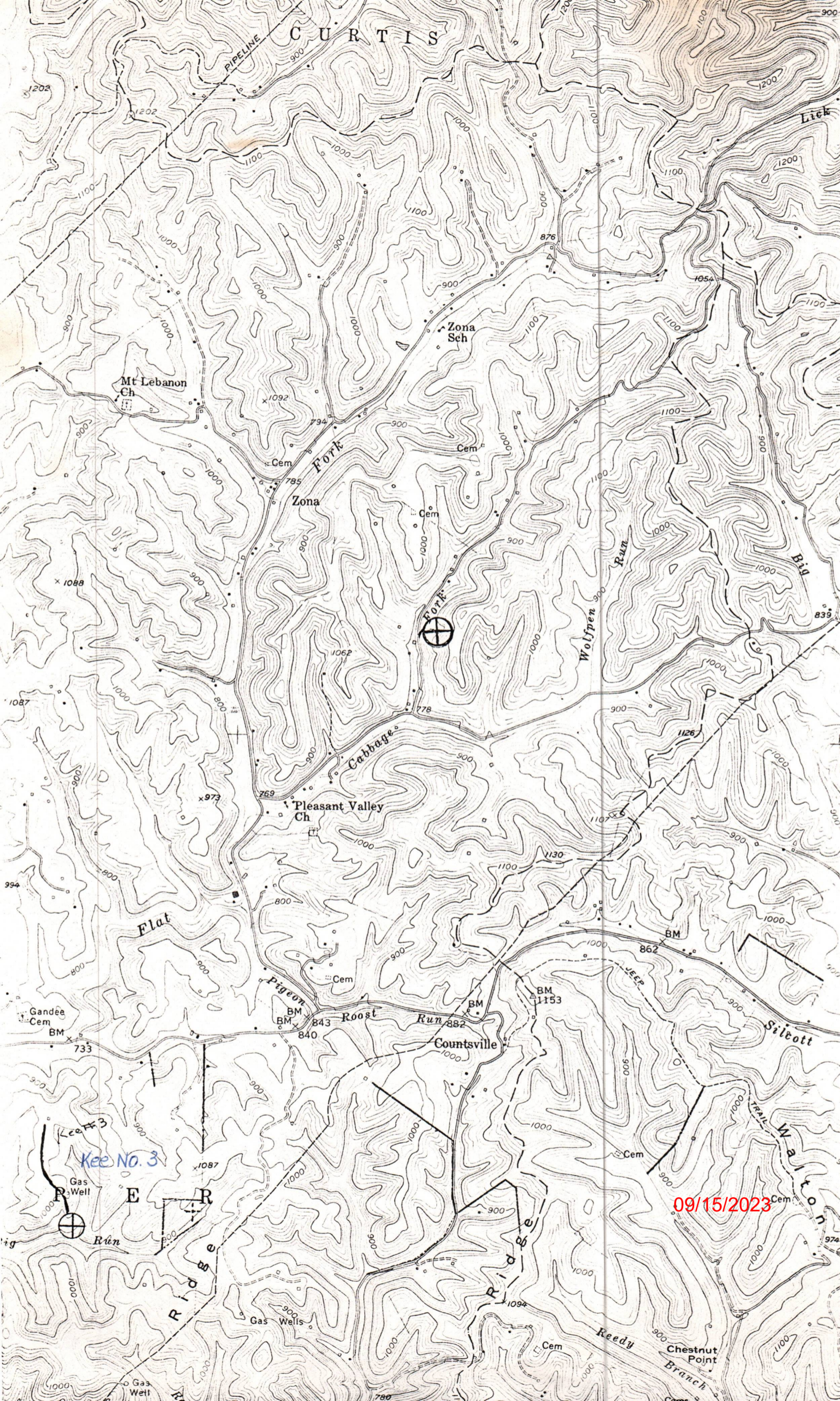
PLAN PREPARED BY Alan F. Hess

ADDRESS Route 1, Box 102

Spencer, WV 25276

PHONE NO. 927-5646

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



CURTIS

Mt Lebanon Ch

Zona Sch

Zona

Pleasant Valley Ch

Countsville

Flat

Kee No. 3

09/15/2023

PIPELINE

Fork

Cabbage

Wolfpen Run

Lick

Big

Silcott

Trail Walton

JEEP

Reedy

Chestnut Point Branch

Gandee Cem

Cem

Cem

Cem

Cem

Cem

Cem

Cem

Cem

Gas Wells

Gas Well



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JUL 13 1982

09/15/2023
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

RECEIVED
FEB 13 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47- 87-3657
Company: ALLEG. & WEST. ENERGY
Date: 27-Nov-84
Date issued: 8/17/82

County: ROANE
Farm: J.E.KEE J.KEE #3
Well no.:
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please
cancel this well work permit.

Signed: Homer H. Dougherty
Date: 2/5/85



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division

THEODORE M. STREIT
ADMINISTRATOR

Charleston 25305

February 15, 1985

Allegheny & Western Drilling Corporation
P. O. 2587
Charleston, West Virginia 25329

In Re: Permit No: 47-087-3657
Farm: Jarrett Ellis Kee
Well No: 3
District: Harper
County: Roane
Issued: 8-17-82

Gentlemen:

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

The well designated by the above captioned 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,

[Handwritten signature]

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

TMS/nw

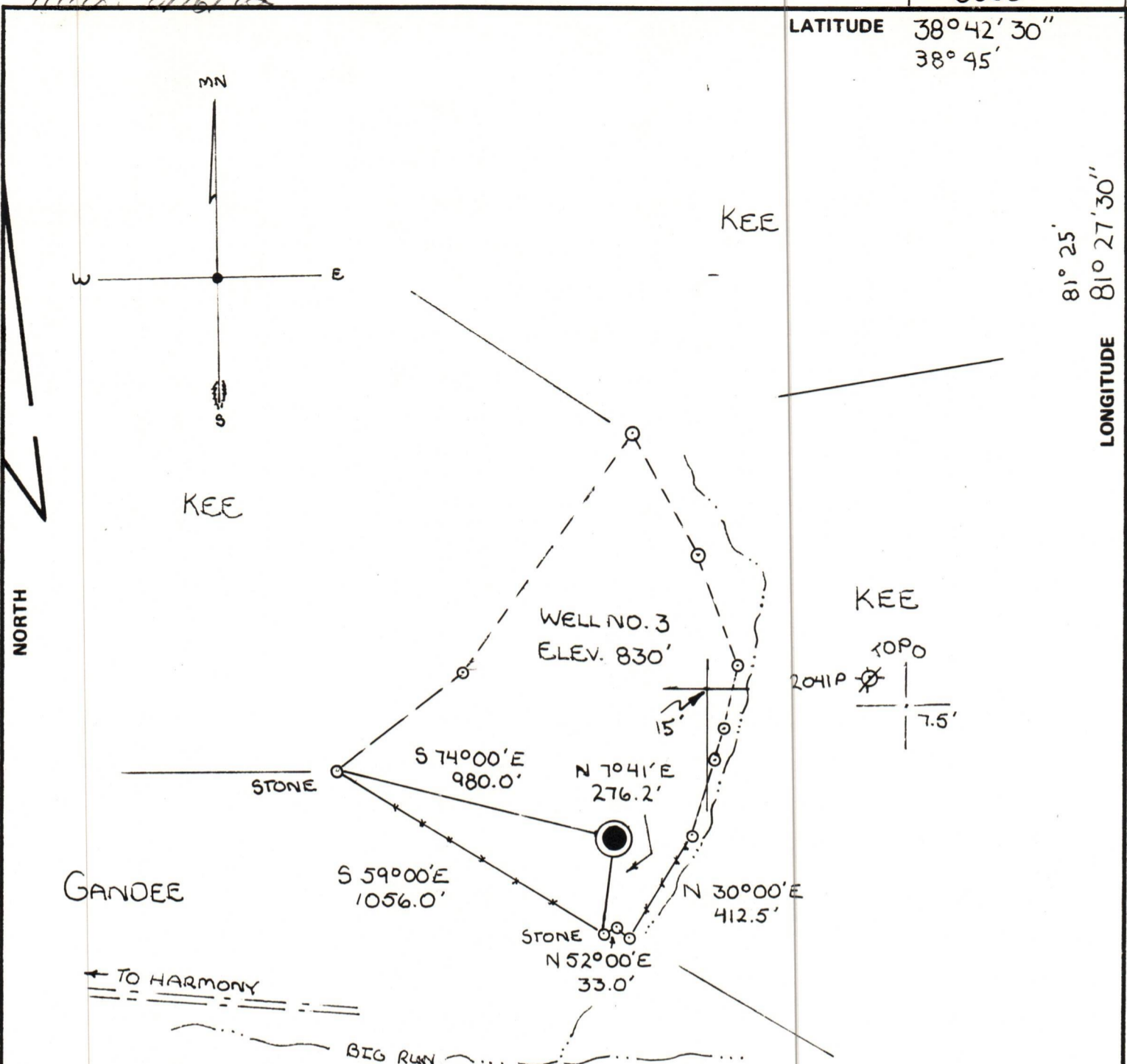
09/15/2023

M.D. 2/16/82

3000'

LATITUDE 38°42'30"
38°45'

LONGITUDE 81°25'
81°27'30"



FILE NO. J. KEE NO. 3
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 797 GANDEEVILLE

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) J. E. Clark
 R.P.E. 4596 L.L.S. _____

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE Aug. 10, 19 82
 OPERATOR'S WELL NO. J. KEE NO. 3
 API WELL NO. _____
47 - 087 - 3657
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 830' WATER SHED BIG RUN
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE WALTON 7.5'

SURFACE OWNER J. ELLIS KEE ET. AL. ACREAGE 24.5
 OIL & GAS ROYALTY OWNER J. ELLIS KEE ET. AL. LEASE ACREAGE 24.5

09/15/2023

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 DEVONIAN SHALE ESTIMATED DEPTH 5395'
 WELL OPERATOR ALLEGHENY WESTERN DESIGNATED AGENT ROLAND BAER
 ADDRESS P.O. BOX 2587 ADDRESS P.O. BOX 2587
CHARLESTON, W.VA. CHARLESTON, W.VA.

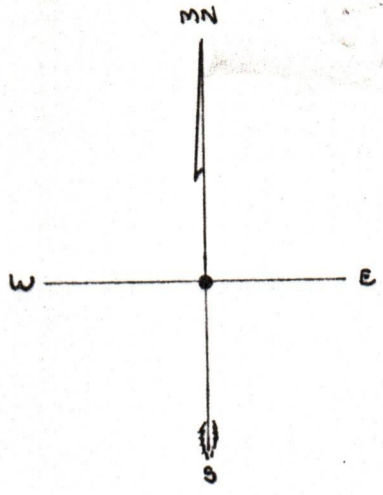
M.L. 8/16/82

← 3000' →

LATITUDE 38° 42' 30"
38° 45'

81° 25'
LONGITUDE 81° 27' 30"

NORTH



KEE

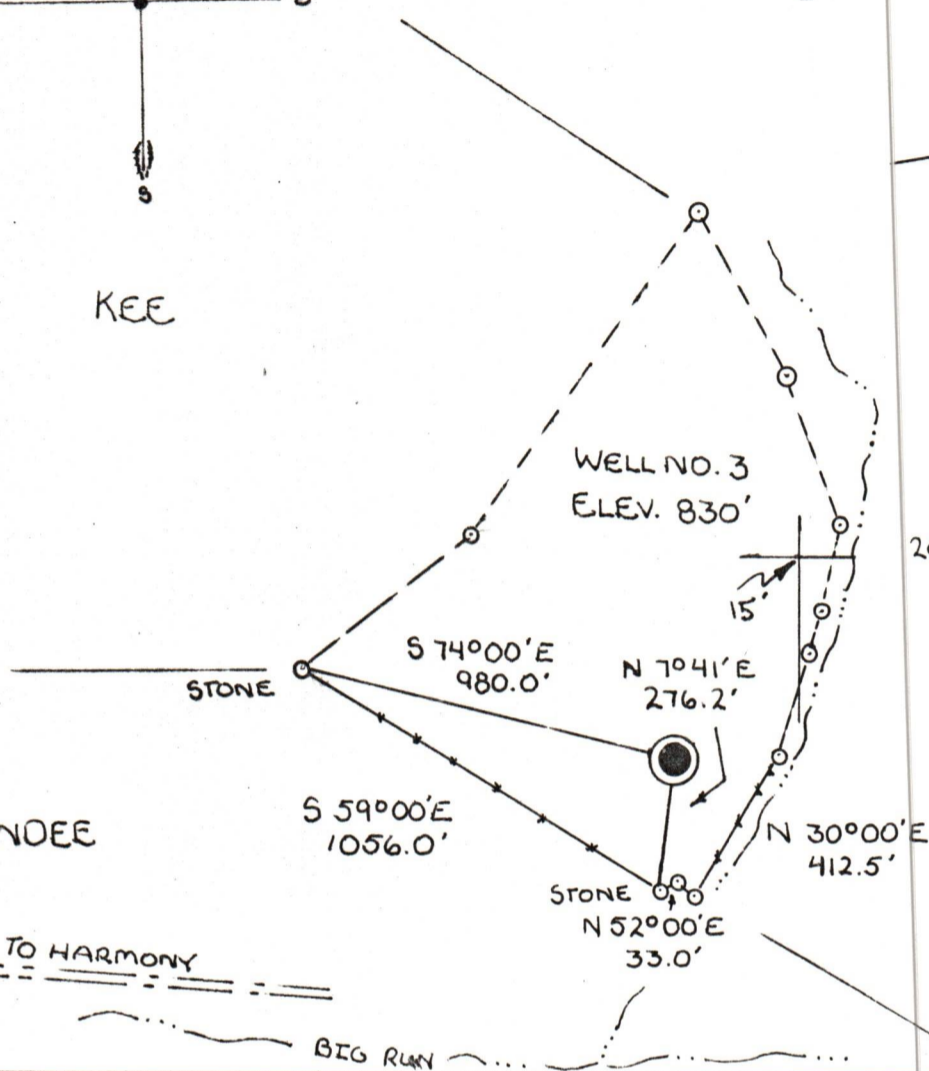
KEE

KEE

GANDOE

← TO HARMONY

BIG RUN



FILE NO. J. KEE NO. 3
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Bm. ELEV. 797
GANDOEVILLE

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) J. Z. Chalk
 R.P.E. 4596 L.L.S. _____

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE AUG. 10, 19 82
 OPERATOR'S WELL NO. J. KEE NO. 3
 API WELL NO. _____
47 - 087 - 3657
 STATE COUNTY PERMIT
Cancelled

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 830' WATER SHED BIG RUN
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE WALTON 7.5'

SURFACE OWNER J. ELLIS KEE ET. AL. ACREAGE 24.5
 OIL & GAS ROYALTY OWNER J. ELLIS KEE ET. AL. LEASE ACREAGE 24.5
 LEASE NO. _____

09/15/2023

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 DEVONIAN SHALE ESTIMATED DEPTH 5395'
 WELL OPERATOR ALLEGHENY WESTERN DESIGNATED AGENT ROLAND GAER
 ADDRESS P.O. BOX 2587 ADDRESS P.O. BOX 2587
CHARLESTON, W.VA. CHARLESTON, W.VA.