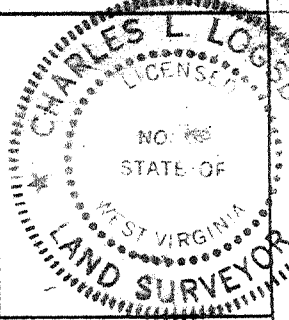


**Surface & Minerals**  
**Kenneth L. Hostetter**  
**203/279 340 Ac.**

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. Bridge over Patterson Creek at Reeses Mill

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) *E. P. Logg*  
 R.P.E. \_\_\_\_\_ L.L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE Dec. 17, 19 80  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_

FORM IV-6 (8-78)

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS  
 NITRO, WEST VIRGINIA 25143

DATE \_\_\_\_\_ COUNTY Mineral PERMIT 0056-P

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_

LOCATION: ELEVATION 720.83' WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville Keyser 15'

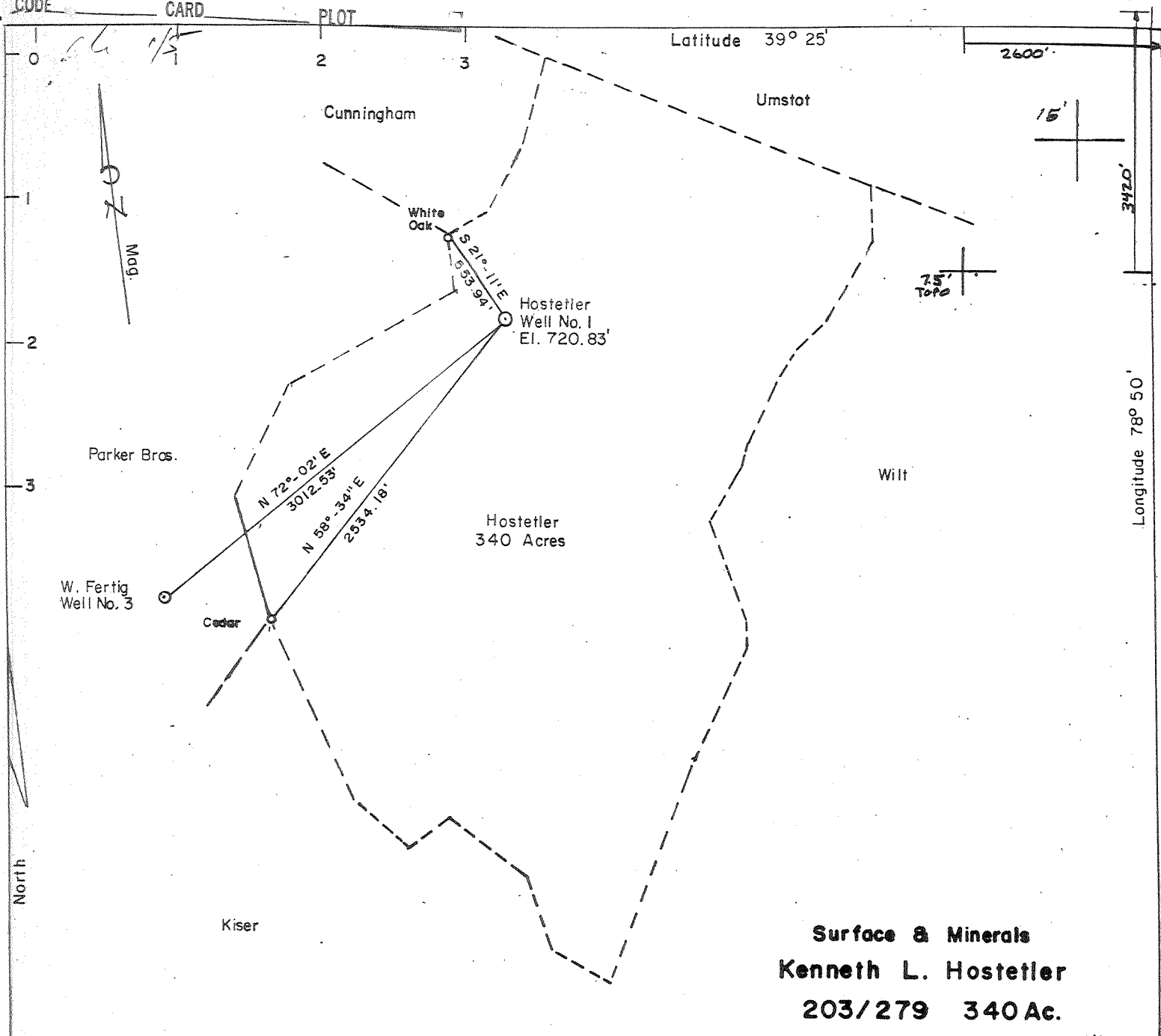
SURFACE OWNER Kenneth L. Hostetter ACREAGE 340 AC.  
 OIL & GAS ROYALTY OWNER Kenneth L. Hostetter LEASE ACREAGE 340 AC.  
 LEASE NO. 211/341

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 Oriskany Sand ESTIMATED DEPTH T.D. 2400'

W/A Upland Resources, Inc.  
 P.O. Box 429  
 Keyser, WVa. 26726-429

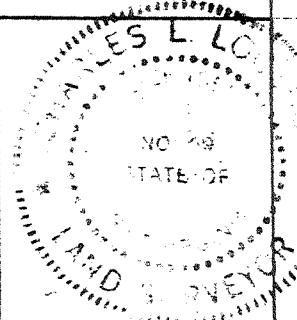
W/A William A. Antower  
 P.O. Box 284  
 Keyser, WVa. 26726-0284



Surface & Minerals  
**Kenneth L. Hostetter**  
 203/279 340 Ac.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE  $1" = 1000'$   
 MINIMUM DEGREE OF ACCURACY  $1$  in  $200$   
 PROVEN SOURCE OF ELEVATION B.M. Bridge over Patterson Creek at Reeses Mill

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) *Kenneth L. Hostetter*  
 R.P.E. \_\_\_\_\_ L.L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE Dec. 17, 19 80  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_

FORM IV-6 (8-78)

STATE WV COUNTY Mineral PERMIT 0056

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*Plugging Cancelled*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_

LOCATION: ELEVATION 720.83' WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville *Keyser 151*

SURFACE OWNER Kenneth L. Hostetter ACREAGE 340 AC.  
 OIL & GAS ROYALTY OWNER Kenneth L. Hostetter LEASE ACREAGE 340 AC.  
 LEASE NO. 211/341

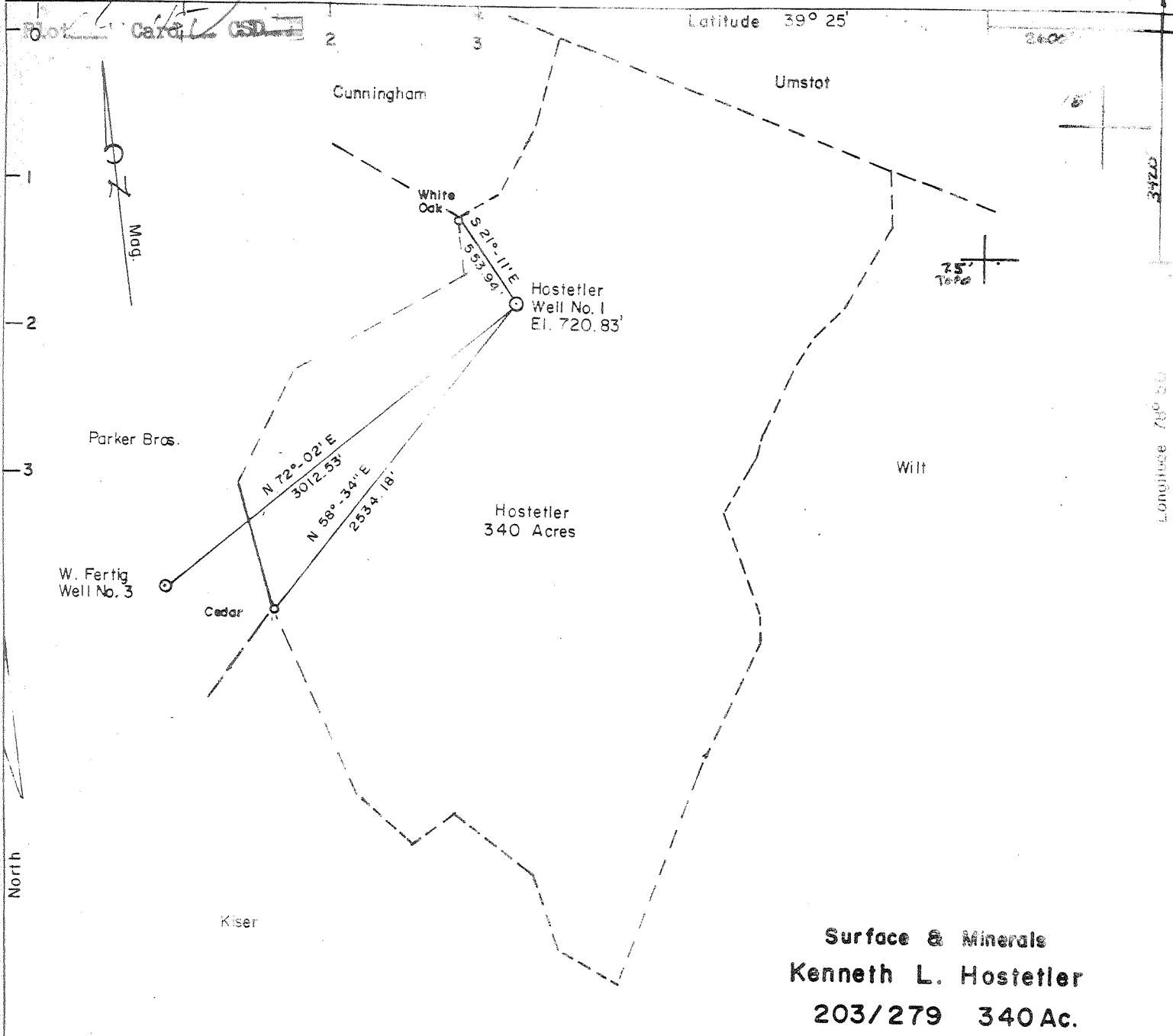
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH T.D. 2400'

DEC 09 1984  
 DEC 09 1984

WELL OPERATOR Upland Resources, Inc.  
 ADDRESS c/o Westvaco Corporation  
299 Park Avenue  
New York, N.Y. 10171

ATTORNEY Huntley & Huntley  
 ADDRESS 1700 Benedum - Trees Building  
Pittsburgh, Pa. 15222



Surface & Minerals  
 Kenneth L. Hostetter  
 203/279 340 Ac.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
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 (SIGNED) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 69

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

DATE Dec. 17, 1980  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
WV - Mineral 0056-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

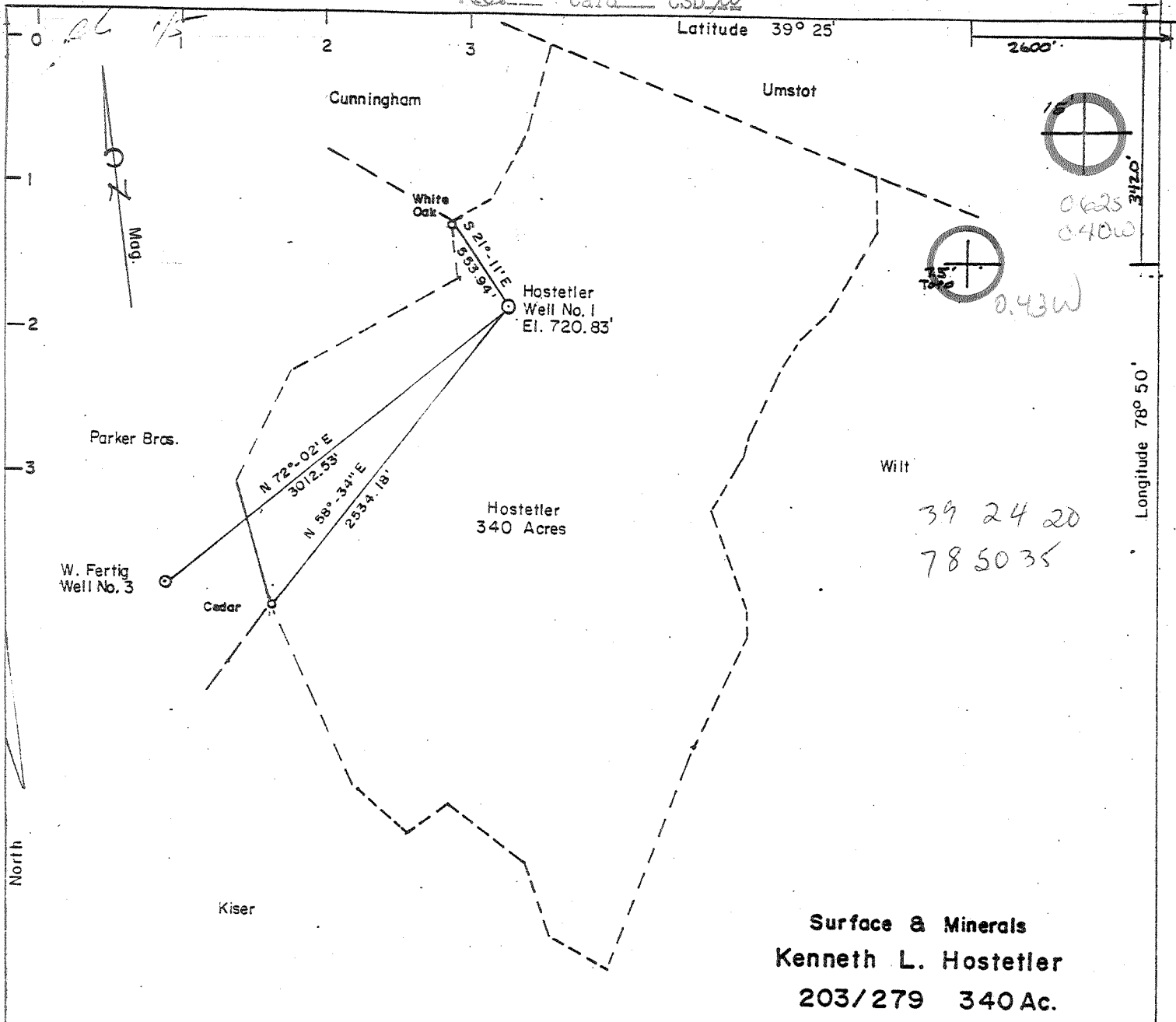
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 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 720.83' WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headville Keever 15'  
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 OIL & GAS ROYALTY OWNER Kenneth L. Hostetter LEASE ACREAGE 340 AC.  
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PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH T.D. 2400'  
 WELL OPE \_\_\_\_\_  
 ADDRESS Upland Resources, Inc. c/o Westvaco Corporation 299 Park Avenue New York, N.Y. 10171  
 DESIGNATED AGENT Huntley & Huntley ADDRESS 1700 Benedum - Trees Building Pittsburgh, Pa. 15222

AUG 16 1982

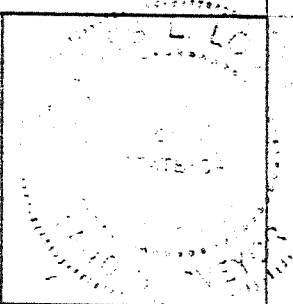
DEEP WELL



Surface & Minerals  
 Kenneth L. Hostetter  
 203/279 340 Ac.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
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 (SIGNED) Kenneth L. Hostetter  
 R.P.E. \_\_\_\_\_ L.L.S. 69



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE Dec. 17, 19 80  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_

FORM IV-6 (8-78)

WV - Mineral - 056  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 720.83' WATER SHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville Kenneth L. Hostetter  
 SURFACE OWNER Kenneth L. Hostetter ACREAGE 340 AC.  
 OIL & GAS ROYALTY OWNER Kenneth L. Hostetter LEASE ACREAGE 340 AC.  
 LEASE NO. 211/341

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PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH T.D. 2400'  
 WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley  
 ADDRESS 1700 Benedum - Trees Building Pittsburgh, Pa. 15222 ADDRESS 1700 Benedum - Trees Building Pittsburgh, Pa. 15222

Deep well 5-0 Headsville North (335) FEB 23 1981 302



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

**RECEIVED**  
OIL AND GAS DIVISION  
C. E. D. Rotary Oil  
Cable XXX Gas XXX  
Recycling Comb.  
Well Flood Storage  
Disposal (Kind)

Quadrangle Headsville

Permit No. 47-057-056

Company Upland Resources  
Address Westvaco, 299 Park Ave, N.Y., N.Y.  
Farm Hostetler Acres 340  
Location (waters) Patterson Creek  
Well No. 1 Elev. 721'  
District Cabin Run County Mineral  
The surface of tract is owned in fee by Kenneth L. Hostetler  
Address Rt. 2, Box 50, Keyser, W.Va. 26726  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling Commenced \_\_\_\_\_  
Drilling Completed Sept. 4, 1981  
Initial open flow 0 cu. ft. -- bbls.  
Final production 15MCEAF cu. ft. per day -- bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
10017			
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	400'	400'	Cement to surface
7			
5 1/2			
4 1/2		2636'	330 sks. 50/50 poz mix
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:  
Perforations: 2140-49, 10 shots; 2286-2300, 15 shots  
Fractured by: Halliburton & B.J. Hughes  
2 Stage water foam frac of 360 bbls. of top hole fluid; 600 sks. of 20/40 sand  
1.6 MMSCF of N<sub>2</sub>

Coal was encountered at No Coal Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sandstone & Shale			0	1300		
Marcellus Shale			1300	1840		
Purcell Member of the Marcellus Shale			1840	2098		
Lower Marcellus Shale			2098	2184		
Tioga Bentonite			2184	2199		
Needmore Shale			2199	2376		
Oriskany Sandstone			2376	2648		
Shriver Chert		<u>H2O</u>	2648	2657		
			T.D.	2657		

OCT 22 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 1  
API Well No. 47 - 057 - 0056  
State County Per

WELL TYPE: Oil / Gas XXX /  
(If "Gas", Production / Underground storage / Deep XXX / Shallow /)  
LOCATION: Elevation: 720.83' Watershed: Patterson Creek  
District: Cabin Run County: Mineral Quadrangle: Headsville

WELL OPERATOR Upland Resources  
Address 1700 Benedum-Trees Bldg.  
Pittsburgh, Pa. 15222

DESIGNATED AGENT Troy A Brady, Jr.  
Address 116 East Street  
Keyser, W.Va. 26726

LAND & GAS  
PROPERTY OWNER Kenneth L. Hostetler  
Address Rt. 2 Box 50  
Keyser, W. Va. 26726

COAL OPERATOR No Coal  
Address \_\_\_\_\_

Acreage 340

COAL OWNER(S) WITH DECLARATION ON RECORD:

PROPERTY OWNER Same As Above  
Address \_\_\_\_\_  
Acreage \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

REDEEMED SALE (IF MADE) TO:  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
**RECEIVED**  
JAN - 2 1981

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

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 XXX / other contract / dated July 14, 1978, to the undersigned well operator from Kenneth L. Hostetler

[said deed, lease, or other contract has been recorded:]  
Recorded on July 19, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 211 at page 341. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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 action 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.

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 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 PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
PHONE: (304) 348-3092

Well Operator  
Robert S. Stewart  
By Robert S. Stewart  
President - Huntley & Huntley, Inc.

STAMPEL COINB

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

DRIILLING CONTRACTOR (IF KNOWN) Talkington-Brady, Inc.

Address 116 East St.

Keyser, W.Va. 26726

GEOLOGICAL TARGET FORMATION, Oriskany

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

Approximate water strata depths: Fresh, 60-200 feet; salt,      feet.

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

WINING AND TUBING PROGRAM

WINING 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	8 5/8	H	24.7	XX		400	400	to surface	
Gal									Sizes
Intermediate									
Production	4.5"	K	10.01	XX			2400	to surface	Depths set
Tubing									
Packers									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 the form 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 § 22-4-1a 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 the permit is posted at the well site as part of the work for which a permit is sought and the permit is such on the Form IV-2 filed in connection therewith.

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 9-15-81.

*J. B. Huggins*  
Deputy Director, Oil & Gas Division

This drilling permit must be circulated by the well 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 well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

at     , 19     

By       
Its

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

Permitting AFFIDAVIT OF PLUGGING AND FILLING WELL  
Office of Oil & Gas

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.

Farm name: NICOLI, JEFFREY B. Operator Well No.: HOSTETLER #1

LOCATION: Elevation: 720.83 Quadrangle: HEADSVILLE  
District: CABIN RUN County: MINERAL  
Latitude: 3420 Feet South of 39 Deg. 25 Min. 0 Sec.  
Longitude 2600 Feet West of 78 Deg. 50 Min. Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_ x

Company: Upland Resources Coal Operator NA  
PO Box 429 or Owner  
Keyser, WV 26726

Agent: William A. Amtower Coal Operator  
or Owner

Permit Issued: 06/04/96

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of UPSHUR ss:

Robert L. Wharton and Don Elmer 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 the above named well operator, and participated in the work of plugging and filling the above well, and Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 20th day of June, 1996, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2657	2050	1244' of 4 1/2"	1392'
Gel	2050	1244		400' 8 5/8
Cement	1244	1144		
Gel	1144	500		
Cement	500	400		
Gel	400	50		
Cement	50	0		

Description of monument: 7" casing 40" above ground and that the work of plugging and filling said well was completed on the 26th day of June, 1996.

And further deponents saith not.

Sworn and subscribe before me this 28th day of June, 1996  
My commission expires 11-03-03

*R L Wharton*  
*Donald R Elmer*  
*Hene Murray* Notary Public  
*Phillip Tracy* Gas Inspector

