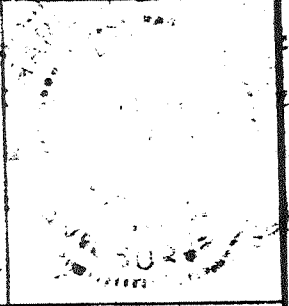


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM STAGGS RUN, HEADSVILLE

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



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

DATE August 11, 1981
 OPERATOR'S WELL NO. _____
 API WELL NO. 057 0070
 WV - Mineral -
 STATE COUNTY PERMIT

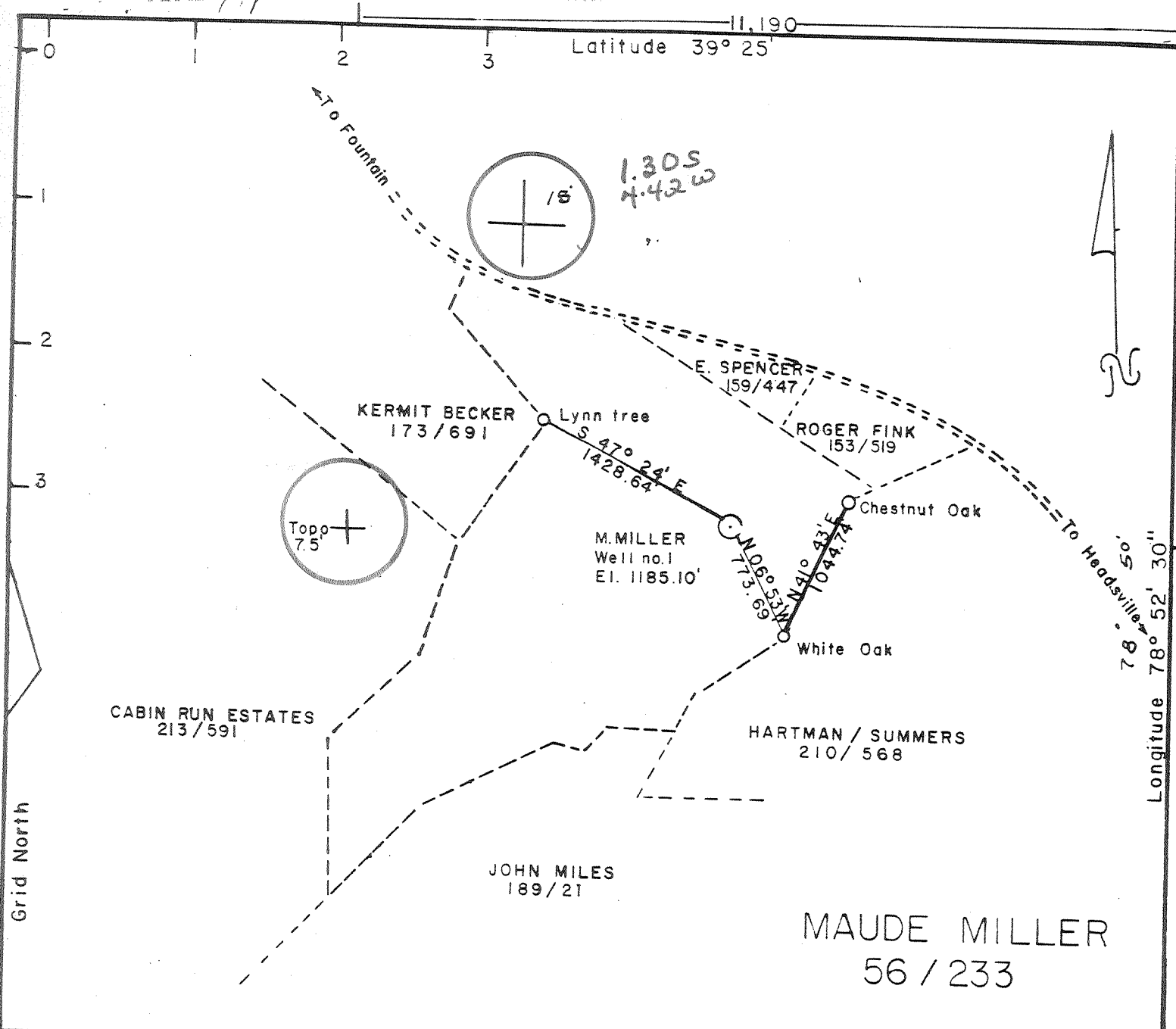
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1185.10' WATERSHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE KEYSER
 SURFACE OWNER MAUDE MILLER ACREAGE 147
 OIL & GAS ROYALTY OWNER MAUDE MILLER LEASE ACREAGE 147
 LEASE NO. 215/862
 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'
 WELL OPERATOR Upland Resources DESIGNATED AGENT Talkington-Brady
 ADDRESS 1700 Benedum - Trees Building Pittsburgh, Pa. 15222 ADDRESS P.O. Box 1016 Keyser, WV 26720

APR 11 1983



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM STAGGS RUN, HEADSVILLE

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. R. Rogers
 R.P.E. _____ L.L.S. 69

DATE August 11, 1981
 OPERATOR'S WELL NO. _____
 API WELL NO. 057
 WV - Mineral - 0070
 STATE COUNTY PERMIT

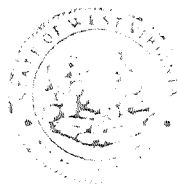
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1185.10' WATERSHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE KEYSER 4151
 SURFACE OWNER MAUDE MILLER ACREAGE 147
 OIL & GAS ROYALTY OWNER MAUDE MILLER LEASE ACREAGE 147
 LEASE NO. 215/862
 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'
 WELL OPERATOR Upland Resources DESIGNATED AGENT Talkington-Brady
 ADDRESS 1700 Benedum - Trees Building ADDRESS P.O. Box 1016
Pittsburgh, Pa. 15222 Keyser, WV 20720

SEP 22 1981

deep well



Well No. 1
Farm Maude M. Miller
API # 47 - 057 - 0070
Date August 26, 1981

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 / Underground storage / Deep X / Shallow /

LOCATION: Elevation: 1185.10' Watershed: Patterson Creek
District: Cabin Run County: Mineral Quadrangle: Keyser

WELL OPERATOR Upland Resources, Inc. DESIGNATED AGENT Talkington-Brady, Inc.
Address P.O. Box 429 Address P.O. Box 1016
Keyser, WV 26726 Keyser, WV 26726

OIL AND GAS ROYALTY OWNER Maude M. Miller COAL OPERATOR No Coal
Address Rt. 1 - Box 224 Address
Keyser, WV 26726
Acreage 147

SURFACE OWNER same COAL OWNER(S) WITH DECLARATION ON RECORD:
Address NAME No Coal
Address
NAME
Address

FIELD SALE (IF MADE) TO:
NAME not made to date
Address
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert S. Stewart
Address P.O. Box 345
Jane Lew, WV 26378
Telephone (304) 884-7782

RECEIVED

AUG 31 1981

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 X / other contract / dated June 27 19 79 to the undersigned well operator from Maude Miller.

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

Recorded on July 2, 1979, in the office of the Clerk of County Commission of

Mineral County, West Virginia, in 215 Book at page 862. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate X /
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

Upland Resources, Inc.
Well Operator
Michael A. Partridge
By: Michael A. Partridge

Its: Manager, Energy Source Planning

BLANKET BOND

January

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company

Address P.O. Box 697

Indiana, PA 15701

GEOLOGICAL TARGET FORMATION Helderburg

Estimated depth of completed well 4000 feet. Rotary X / Cable tools ___ /
Approximate water strata depths: Fresh, 50-80 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 For Drill- ling	CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New Used			
Conductor							Kinds
Fresh water	8-5/8	A	24.7	X	<u>H 200</u>	Cement to surface	Sizes
Coal							
Intermed.							
Production	4-1/2	A	10.5	X	<u>H 200</u>	Cement from the depths set	
Tubing						bottom of the well	
Liners						to 1500' above Perforations:	Top Bottom
						the 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 5-4-82.

Fred Burdell
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 ___ / 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 regularions.

Date: _____, 19____.

By: _____

Its: _____