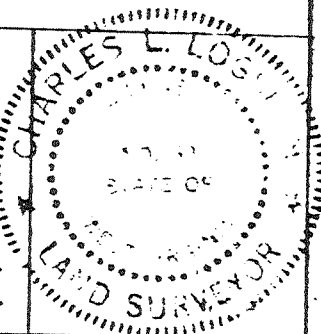


Ernest & Betty Hayes
143 Ac. 213/532
F-36-14

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Spot Elevation $\frac{1}{2}$
State Rt. 46 & WV Sec. Rt. 10

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) Charles L. Logan
R.P.E. _____ L.L.S. 69



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

DATE July 15, 19 80
OPERATOR'S WELL NO. _____
API WELL NO. _____
WV 057 Mineral - 0044
STATE COUNTY PERMIT
Cancelled.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

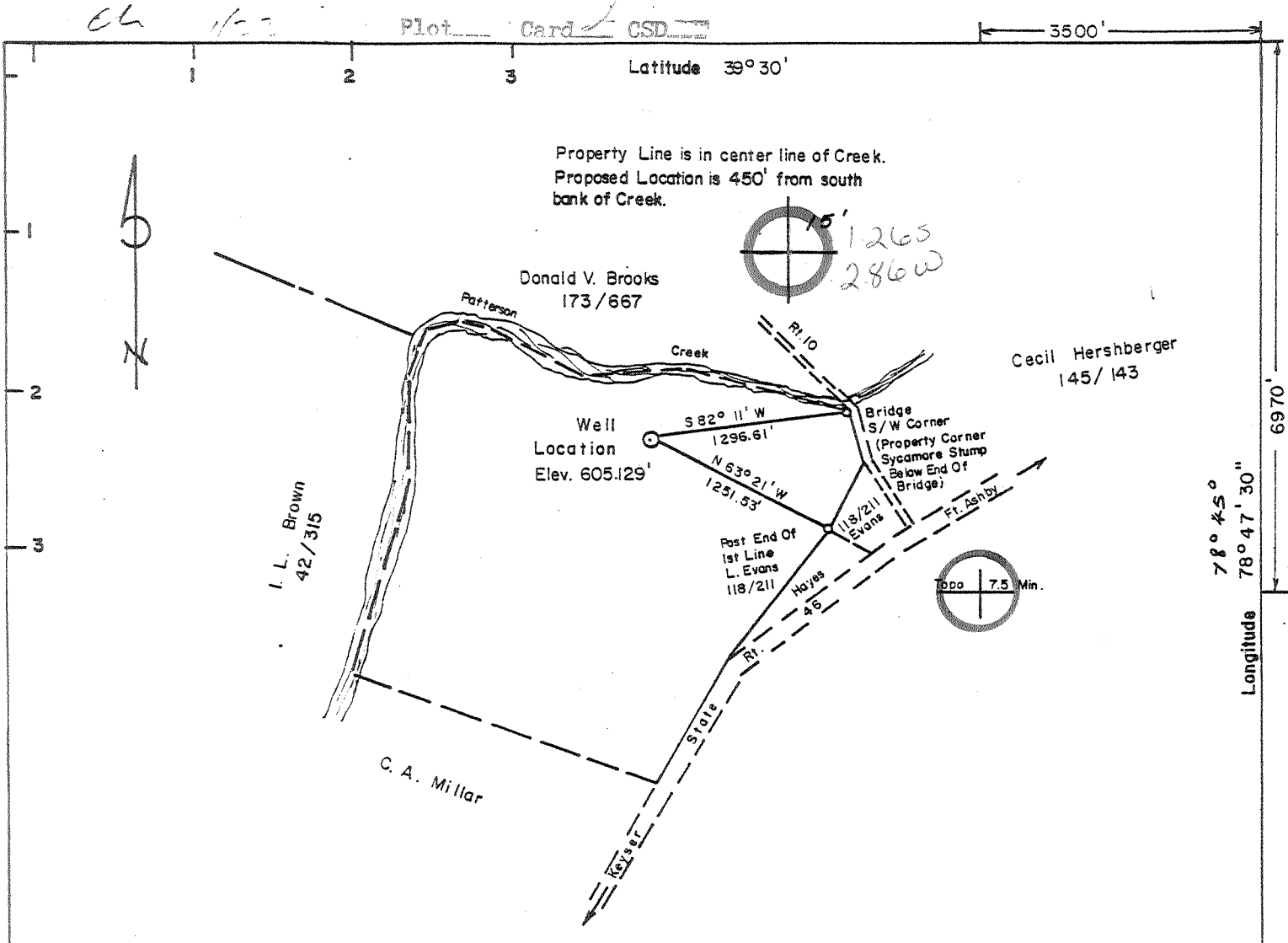
WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 605.129' WATER SHED Patterson Creek
DISTRICT Frankfort COUNTY Mineral
QUADRANGLE Headsville

SURFACE OWNER Ernest & Betty Hayes ACREAGE 143 (D.B. 213, Pg. 532)
OIL & GAS ROYALTY OWNER Ernest & Betty Hayes LEASE ACREAGE 143 (D.B. 217, Pg. 744)
LEASE NO. _____

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 Oriskany Sand ESTIMATED DEPTH T.D. 2400±
WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley
ADDRESS 1700 Benedum - Trees Building ADDRESS 1700 Benedum - Trees Building
Pittsburgh, Pa. 15222 Pittsburgh, Pa. 15222

OCT 08 1980

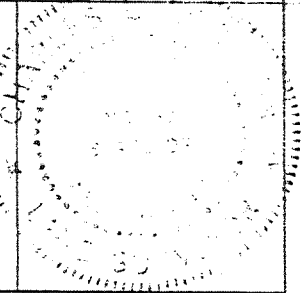


Ernest & Betty Hayes
143 Ac. 213/532
F-36-14

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Spot Elevation $\frac{c}{e}$
State Rt. 46 & WV Sec. Rt. 10

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) Charles L. Boyden
R.P.E. _____ L.L.S. 69



(+) DEVOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(3-78)

DATE July 15, 19 80
OPERATOR'S WELL NO. _____
API WELL NO. _____
WV 057 Mineral - 0044
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 605.129' WATER SHED Patterson Creek
DISTRICT Frankfort COUNTY Mineral
QUADRANGLE Headsville 7 1/2 Keuser 15' NE
SURFACE OWNER Ernest & Betty Hayes ACREAGE 143 (D.B. 213, Pg. 532)
OIL & GAS ROYALTY OWNER Ernest & Betty Hayes LEASE ACREAGE 143 (D.B. 217, Pg. 744)
LEASE NO. _____
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 Oriskany Sand ESTIMATED DEPTH T.D. 2400±
WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley
ADDRESS 1700 Benedum - Treas Building Pittsburgh, Pa. 15222 ADDRESS 1700 Benedum - Treas Building Pittsburgh, Pa. 15222

FEB-20 1980

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil _____ / Gas XXX /
(If "Gas", Production _____ / Underground storage _____ Deep XXX Shallow _____)

LOCATION: Elevation: 605.129' Watershed: Patterson Creek
District: Frankfort 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, Pa. 15222 Pittsburgh, Pa. 15222

OIL & GAS ROYALTY OWNER Ernest & Betty Hayes COAL OPERATOR NO COAL
Address Rt 1 Box 192 A Address _____
Keyser, W. Va. 26726

ACREAGE 143 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER SAME AS ABOVE Name N A
Address _____ Address _____
ACREAGE _____ Name _____

FIELD SALE (IF MADE) TO: _____ Address _____
Name _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____
RECEIVED
JUL 23 1980

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 Oct. 25, 19 79, to the undersigned well operator from Ernest & Betty Hayes

[If said deed, lease, or other contract has been recorded:]
Recorded on Oct 30, 19 79, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Deed Book 217 at page 743. A permit is requested as follows:

PROPOSED WORK: Drill XXX / 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 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
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 542-3100

HUNTLEY & HUNTLEY, INC.,
Agents For
Upland Resources, Inc.
Well Operator

By Tracy Bartholomew, II
Tracy Bartholomew, II
Vice President of Operations

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) Talkington-Brady, Inc.
Address P. O. Box 371
Ruckhannon, W. Va. 27201

BIOLOGICAL TARGET FORMATION, Oriskany Sandstone

Estimated depth of completed well, 2400' feet Rotary _____ Cable tools XXXX
Approximate water strata depths: Fresh, 50 feet; salt, _____ feet.
Approximate coal seam depths: NO COAL Is coal being mined in the area? Yes _____ No XXX

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	For drilling		
Conductor								
Fresh water	8.625					400'	400'	Cemented to Surface
Coal								Sizes
Intermediate								
Production	4.5					2400'	2400'	Cemented to Surface
casing								Depths set
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-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 § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-3a from the owner of any water well or dwelling within 300 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 4-25-81.

Fred Ruckhannon
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 regulations.

Date: _____, 19____

By _____
Its _____