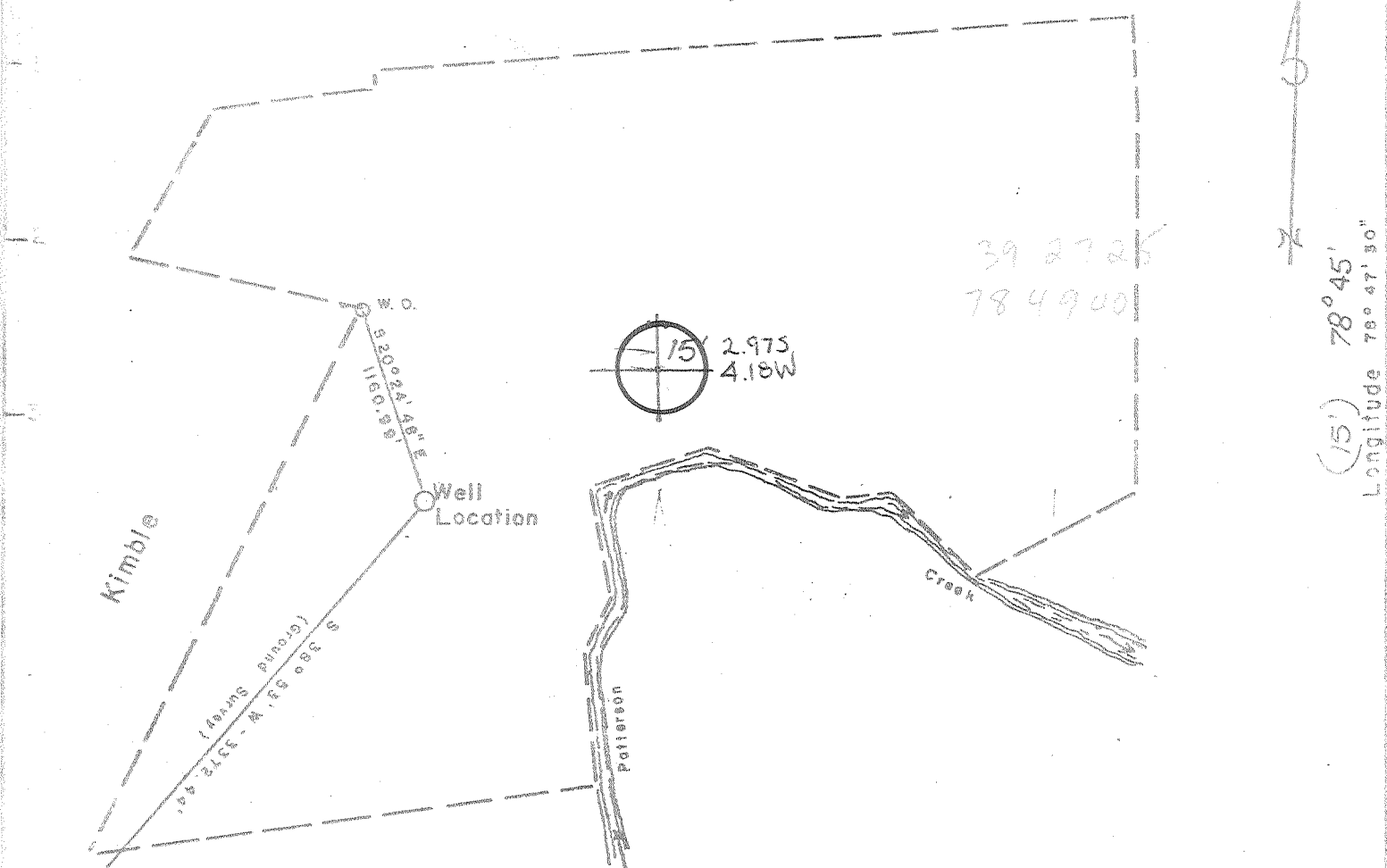




Charles Ogleby

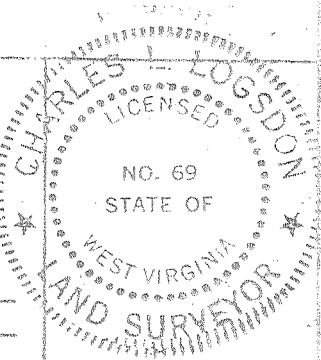


(15') 78° 45' Longitude 78° 47' 30"

Frank & Violet Shrove
 261 Ac.
 D.B. 209 Pg. 807
 Tax Map F 41-1

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot Elevation
 27 46 & WV. Sec. Rt 46/14

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) C. L. Logsdon
 R.P.E. _____ L.L.S. 69



W.O. DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE July 17, 1980
 OPERATOR'S WELL NO. _____
 API WELL NO. _____

FORM IV-6 (8-78)
 STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION
 W.V. Mineral 0043
 STATE COUNTY 057 PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 629.81 WATER SHED Patterson Creek
 DISTRICT Frankfort COUNTY Mineral
 QUADRANGLE Headsville 7 1/2 Keyser 15' NE
 WELL OWNER Frank & Violet Shrove ACREAGE 261
 GAS ROYALTY OWNER Frank & Violet Shrove LEASE ACREAGE 260 (D.B. 209 Pg 343)
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-6 Headsville North (335)
 SUCCEED AND ABANDON ___ CLEAN OUT AND REPLUG ___
 FORMATION Oilshony Sand ESTIMATED DEPTH T.D. 2400 ±
 OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley
1700 Benedum - Tree Building ADDRESS 1700 Benedum - Tree Building
Pittsburgh, Pa 15222 Pittsburgh, Pa 15222

Deep Well

9 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle HEADSVILLE
Permit No. MIN #43

Rotary _____ Oil _____
Cable XX Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company UPLAND RESOURCES, INC. % Huntley & Huntley, Inc.	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks)
Address 1700 Benedum-Trees Bldg., Pittsburgh, Pa.				
Farm FRANK & VIOLET SHREVE Acres 260	15222			
Location (waters) Patterson Creek				
Well No. One Elev. 629.81'	Size 20-16			
District Frankfort County Mineral	Cond. 13-10"			
The surface of tract is owned in fee by FRANK & VIOLET SHREVE	9 5/8			
Address Rt. 1, Keyser, W. Va. 26726	8 5/8	400'	400'	
Mineral rights are owned by Same as surface	7	992'	992'	
Address _____	5 1/2			
Drilling Commenced _____	4 1/2			
Drilling Completed 10-21-80	3			
Initial open flow 0 cu. ft. 0 bbls.	2			
Final production 1.2 MM cu. ft. per day bbls.	Liners Used			
Well open _____ hrs. before test 460 RP.				

Well treatment details: Attach copy of cementing record.
FRACED by HALLIBURTON Perforations 1640-42', 1677-78-79', 1618, 1620', 1621', 1622', 1645', 1646', 1647', 1648', 1649', 1650'

1,200 MCF

Coal was encountered at No Coal Feet _____ Inches
Fresh water 80, 200, 870' Feet _____ Salt Water _____ Feet _____
Producing Sand ORISKANY Depth 1618-79

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0'	1328'		
Selinsgrove			1328'	1418'		
Marcellus			1418'	1482'		
Tioga Metabentonite			1482'	1500'		
Onondaga			1500'	1514'		
Needmore Shale			1514'	1639'		
Oriskany			1639'	1750'		
Helderberg			1750'	--		
Log Total Depth				1806'		
Drillers Total Depth				1804'		

(over)

* Indicates Electric Log tops in the remarks section.

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 XXX / Underground storage _____ Deep XXX Shallow _____

LOCATION: Elevation: 629.81 Watershed: Paterson Creek
District: Frankfort County: Mineral Quadrangle: Headsville

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

DESIGNATED AGENT HUNTLEY & HUNTLEY, INC.
Address 1700 Benedum-Trees Bldg.
Pittsburgh, Pa. 15222

OIL & GAS ROYALTY OWNER Frank & Violet Shreve
Address Route 1
Keyser, W. Va. 27726
Acreage 260 ac.

COAL OPERATOR N A
Address _____

SURFACE OWNER Same as above
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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

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 January 12, 1977, to the undersigned well operator from Frank & Violet Shreve
[If deed, lease, or other contract has been recorded:]

Recorded on April 3, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Deed Book 209 at page 343. 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
1416 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: 304-343-3300

HUNTLEY & HUNTLEY, INC. agents for
Upland Resources, Inc.

Robert S. Stewart
Well Operator

By Robert S. Stewart
Its President

BLANKET BOMB

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. 26201

GEOLOGICAL TARGET FORMATION, Oriskany Sandstone

Estimated depth of completed well, 2400+ feet Rotary Cable tools XXX

Approximate water strata depths: Fresh, 80, 200 feet; salt, None feet.

Approximate coal seam depths: No Coal Is coal being Expected in the area? Yes No XXX

TACING AND TUBING PROGRAM

TACING 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		
Production									
Fresh water	8 5/8	A	24.7	X		400'	400'	Cemented to Surface	Kinds
Gas									Sizes
Intermediate									
Production	4 1/2	A	10.0	X		2400'	2400'	Cemented to Surface	Spacers set
Logging									
Others									Explosions:
									Top Bottom

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 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 § 22-4-3, (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 § 22-4-13a, and (v) if applicable, the consent required by Code § 22-4-3a from the owner of any water well or dwelling within 100 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 4-18-81.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator or coal lessee who has recorded a declaration under Code § 22-4-13a, if the permit is to be issued within fifteen (15) days of receipt thereof:

by any coal owner or lessee, 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 has examined this proposed well location. If a mine map exists for this location, the well location has been added to the mine map. The work proposed to be done at this location, provided, the well operator has complied with all requirements of the West Virginia Code and the governing regulations.

The undersigned coal owner / lessee of the coal under this well has examined this proposed well location. If a mine map exists for this location, the well location has been added to the mine map. The work proposed to be done at this location, provided, the well operator has complied with all requirements of the West Virginia Code and the governing regulations.

By _____
Its _____