

*James*  
*5/22/96*

Thompson Foreback

Frank Shreve

S 72° 01' 58" W  
1840.97'  
Well Location

W.O.

Patterson Creek

Longitude 78° 47' 30" 12,600'

Charles & Thomas Ogleby  
D. B. 120 Pg 410  
225 Ac.  
Tax Map F41-11

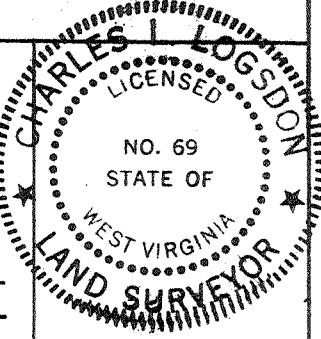
Topo 7.5 Min.

*2.44*  
*1.54*

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 in 2000  
PROVEN SOURCE OF ELEVATION Spot Elevation &  
Stake Rt 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



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

DATE July 17 19 80  
OPERATOR'S WELL NO. Ogleby #1  
API WELL NO. \_\_\_\_\_

FORM IV-6 (8-78)

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

47 057-00042-P  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 821.48 WATER SHED Patterson Creek  
DISTRICT Frankfort COUNTY Mineral  
QUADRANGLE Headsville 7 1/2 Keyser 15'

SURFACE OWNER Charles & Thomas Ogleby ACREAGE 225  
OIL & GAS ROYALTY OWNER Charles & Thomas Ogleby LEASE ACREAGE 225 Ac. (D.B 214Pg. 679)  
LEASE NO. \_\_\_\_\_

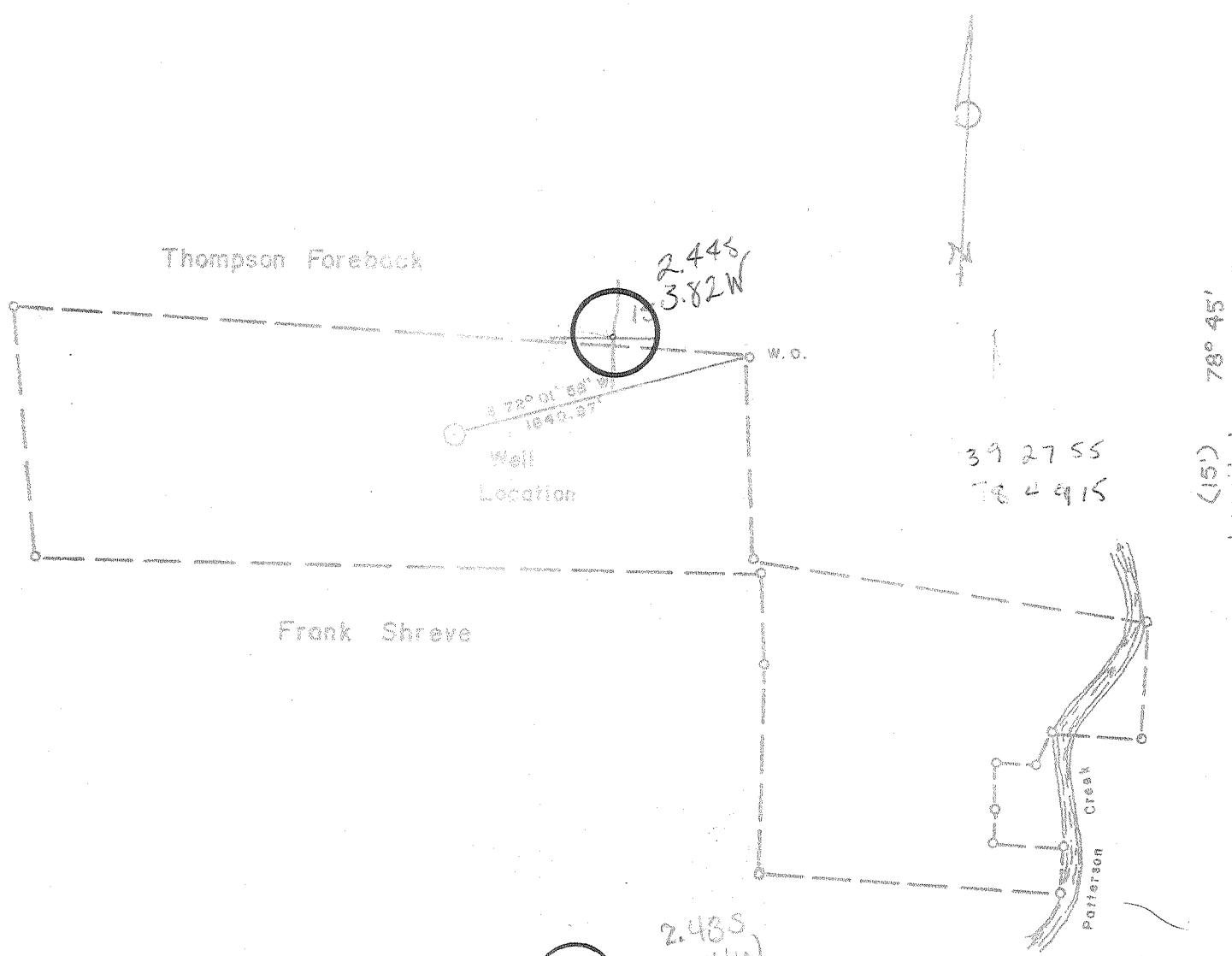
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION Oriskany Sand ESTIMATED DEPTH T. D. 2200-1975'

Upland Resources, Inc.  
P.o. Box 429  
Keyser, wva. 26726-0429

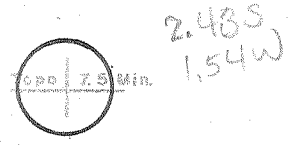
DESIGNATED AGENT  
ADDRESS  
William A. Amtower  
Box 284  
Keyser, WVa. 26726-0284

MAY 24 1996



(15) Longitude 78° 45' 78° 47' 30" 12,1500'

Charles & Thomas Ogleby  
 D. B. 120 Pg 410  
 225 Ac.  
 Tax Map F41-11



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 2000  
 PROVEN SOURCE OF ELEVATION Spot Elevation &  
 Stake Rt 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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_

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

DATE July 17, 19 80  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 APIWELL NO. \_\_\_\_\_  
 WV Mineral 0042  
 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 \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 821.48 WATER SHED Patterson Creek  
 DISTRICT Frankfort COUNTY Mineral  
 QUADRANGLE Headsville 7 1/2 Keyser 15' NE  
 SURFACE OWNER Charles & Thomas Ogleby ACREAGE 225  
 OIL & GAS ROYALTY OWNER Charles & Thomas Ogleby LEASE ACREAGE 225 Ac. (D.B. 214 Pg. 679)  
 LEASE NO. \_\_\_\_\_

6-0 Headsville North (335)

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±  
 OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley  
 ADDRESS 1700 Benedum - Tree Building ADDRESS 1700 Benedum - Tree Building  
 Pittsburgh, Pa 15222 Pittsburgh, Pa 15222

AUG 28 1980

Deep Well



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

Quadrangle Headsville  
Permit No. 47-057-0042

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable X Gas X  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Upland Resources</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>% Westvaco 229 Park Ave., NY, NY 10017</u>				
Farm <u>Ogleby</u> Acres <u>225</u>	Size			
Location (waters) <u>Patterson Creek</u>	20-16			
Well No. <u>#1</u> Elev. <u>821</u>	Cond.			
District <u>Frankfort</u> County <u>Mineral</u>	13-10"			
The surface of tract is owned in fee by <u>Thomas L. &amp; Doris May Ogleby</u>	9 5/8			
Address <u>5135 Creasptown, MD</u>	8 5/8	400'	400'	200 sks cement to surface
Mineral rights are owned by <u>Same as surface</u>	7			
Address _____	5 1/2			
Drilling Commenced <u>12/23/80</u>	4 1/2		1975	150 sks
Drilling Completed <u>2/11/81</u>	3			
Initial open flow <u>Show</u> cu. ft. _____ bbls.	2			
Final production <u>15McFAF</u> cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.  
Fraced by Halliburton with acid foam, 200 sks of 20/40 sand, 180 bbls of fluid.

Coal was encountered at NA Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Sandstone Depth 1827

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	1577		
Purcell Member of the Marcellus Shale			1577	1612		
Lower Marcellus Shale			1612	1675		
Tioga Bentonite			1675	1686		
Needmore Shale			1686	1827		
Oriskany Sandstone			1827	1975		Show of gas: 1830
T.D.			1975			

**RECEIVED**

JUL 26 1981

OIL & GAS DIVISION  
DEPT. OF MINES

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date July 17, 1981

APPROVED Upland Resources Owner  
 GEOLOGICAL CONSULTANTS, INC., AGENT

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #1

API Well No. 47 - 057-0042  
State County Permit

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

LOCATION: Elevation: 821.48' Watershed: Patterson 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 Charles & Thomas Ogleby  
Address 810 Forrest Glen Road  
Silver Spring, Md. 20901

COAL OPERATOR NO COAL  
Address \_\_\_\_\_

ACREAGE 225  
SURFACE OWNER Same As Above

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name NA

Address \_\_\_\_\_  
Acreage \_\_\_\_\_

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

FIELD SALE (IF MADE) TO:  
Name NA  
Address \_\_\_\_\_

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 \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease XX / other contract \_\_\_ / dated March 20, 19 79, to the undersigned well operator from Charles & Thomas Ogleby  
[If said deed, lease, or other contract has been recorded:]

executed on April 18, 19 79, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Deed \_\_\_\_\_ Book 214 at page 679. 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 location 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.

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

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
5 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

RECEIVED  
AUG 11 1979  
OIL & GAS DIVISION  
DEPT. OF MINES

Well Operator  
By [Signature]  
President

BLANKET BOND

[Handwritten signature]

PROPOSED WORK ORDER

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

BILLING 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, 50 feet; salt, None feet. Approximate coal seam depths: No Coal Is coal being mined in the area? Yes / No xx /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom). Rows include Conductor, Fresh water, Intermediate, Production, Tubing, and Packers.

Regulation 7.68 of the Department of Mines provides that Form IV-2 must be filed with the department, accompanied by Regulation 11, (ii) a bond in one of the forms prescribed thereof the other security allowed by Code § 22-4-2, (iii) applicable to the reclamation required by Code § 22-4-11; previously paid on the same well, the fee required by Code § 22-4-4a from the owner of 200 feet of the proposed well.

a original and four copies of (i) a plat in the form prescribed by Regulation 12, or in lieu Form IV-9, "Reclamation Plan", and Regulation 23, (iv) unless § 22-4-12a, and (v) if applicable, any water well or dwelling within

A separate Form IV-2 shall not be required for where fracturing or stimulating a well is part of the work to be done as such on the Form IV-2 filed in connection with

fracturing or stimulating a well for which a permit is sought and with.

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 4-15-81

Deputy Director - Oil & Gas Division

The following conditions shall be completed by the coal operator and by any coal owner or coal lessee who has provided 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 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, that the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_ Its \_\_\_\_\_