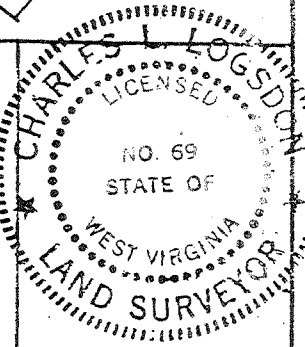


Surface & Minerals
GEORGE LYONS
 200/64

PROJ. ENO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PR. MEN SOURCE OF ELEVATION T.B.M. on Rt. 46 & Patterson Creek Bridge
 EL. = 655.00

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



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

DATE June 13, 1980
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
 WV - Mineral - 0045
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

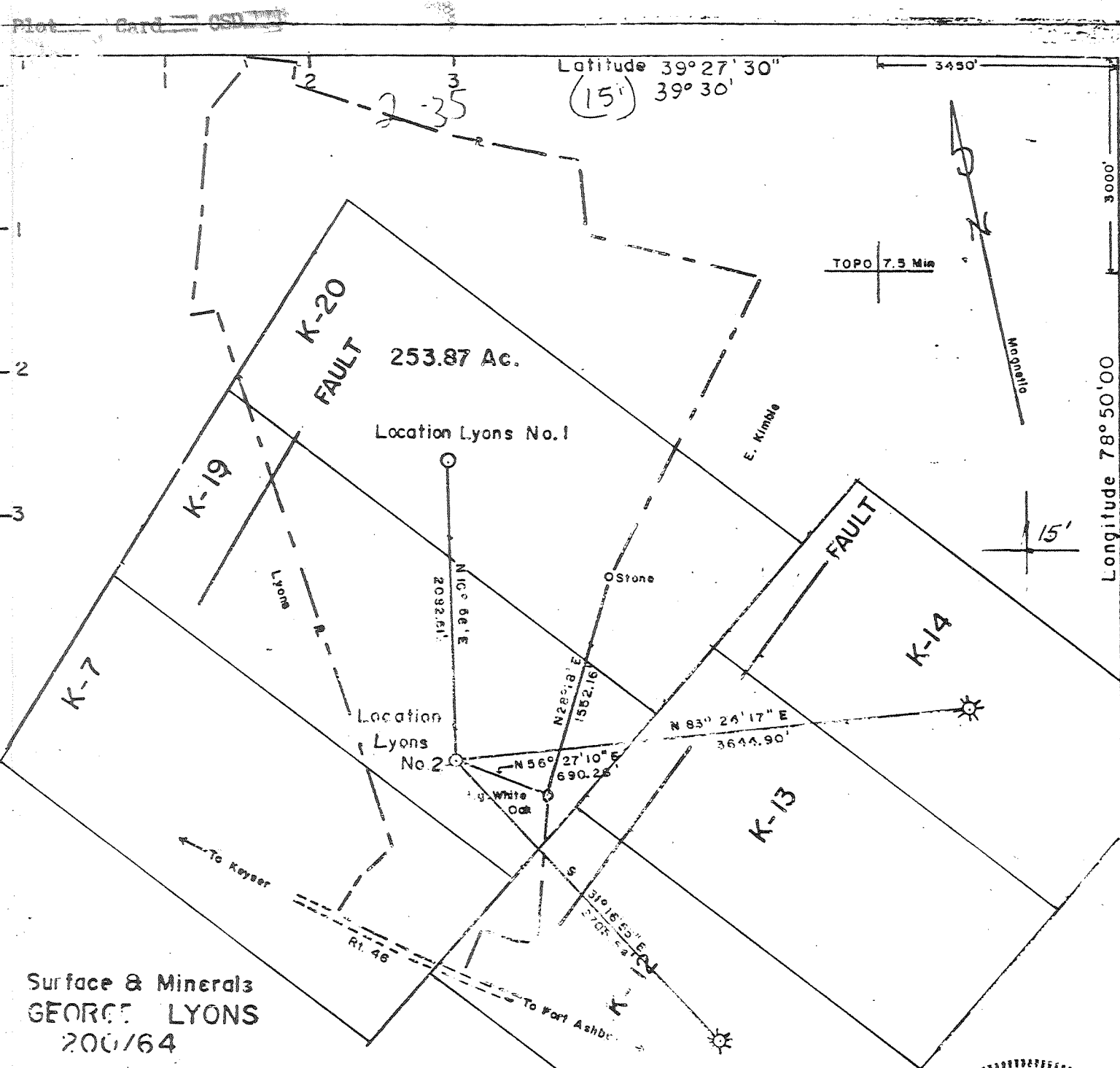
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 ("F" GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 763.00 WATER SHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE Headsville - KEYSER 15'

SURFACE OWNER George Lyons ACREAGE 253.87
 OIL & GAS ROYALTY OWNER George Lyons LEASE ACREAGE 253.87
 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. 2400 ±
 WELL OPER Upland Resources, Inc. DESIGNATED AGENT Huntley & Huntley
 ADDRESS c/o Westvaco Corporation ADDRESS 1700 Benedum-Tree Building
299 Park Avenue Pittsburgh, Pa. 15222
New York, New York 10171 DEEPWELL

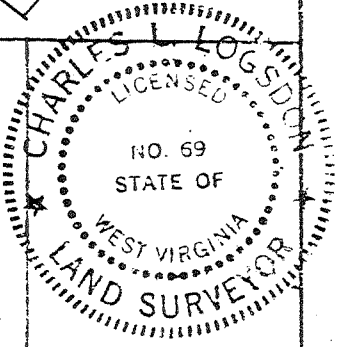
AUG 16 1982



Surface & Minerals
GEORGE LYONS
 200/64

PROV. ENO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION T.B.M. on Rt. 46 & Patterson Creek Bridge
 EL. = 355.00

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. Logsdon
 R.P.E. _____ L.L.S. 68



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

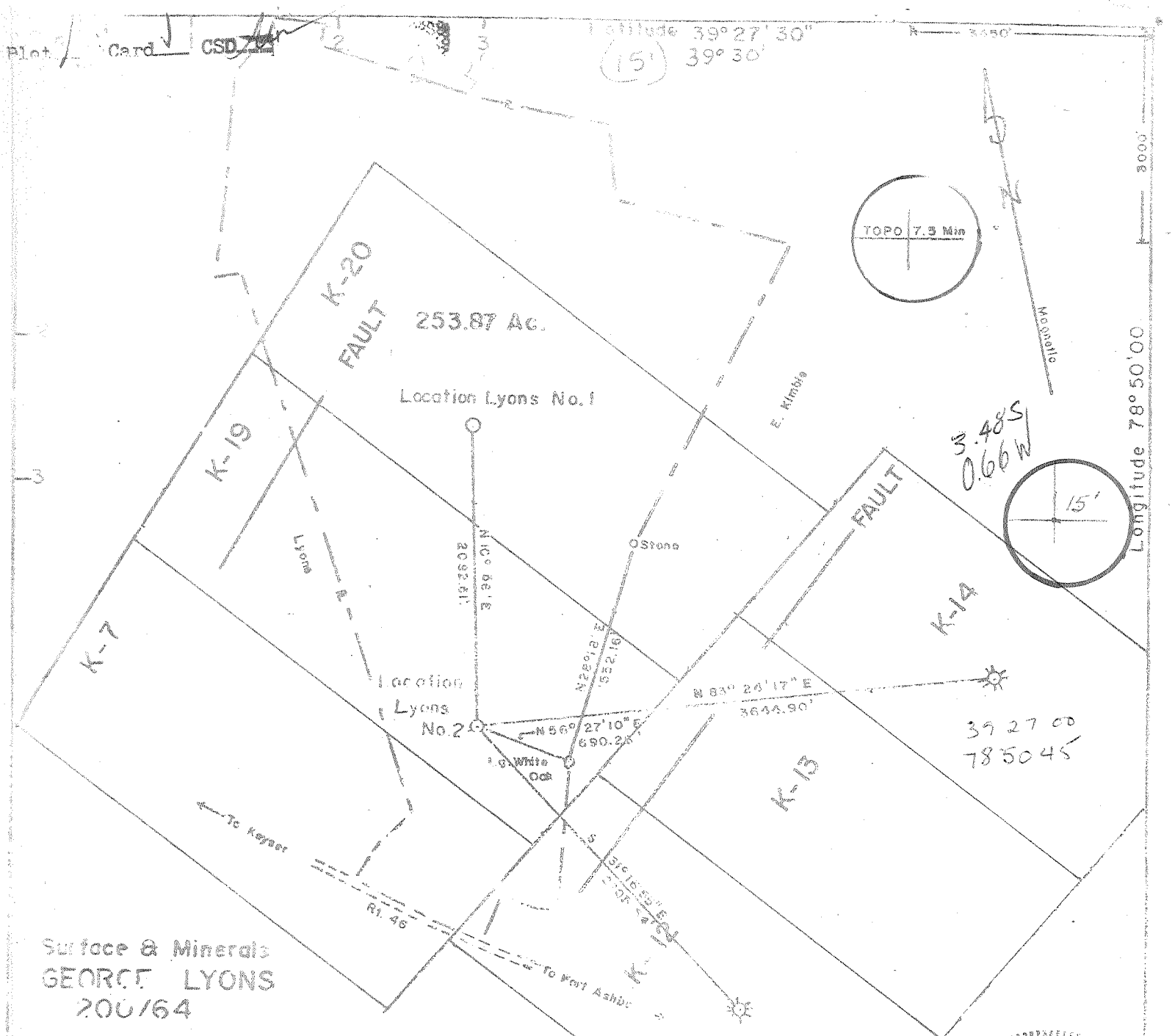
DATE June 13, 1980
 OPERATOR'S WELL NO. _____
 APIWELL NO. _____
 WV Mineral 0045 - PP
 STATE COUNTY PERMIT

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 763.00 WATERSHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE Headsville - KEYSER 15' 100
 SURFACE OWNER George Lyons ACREAGE 253.87
 OIL & GAS ROYALTY OWNER George Lyons LEASE ACREAGE 253.87
 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) _____

SEP 22 1981

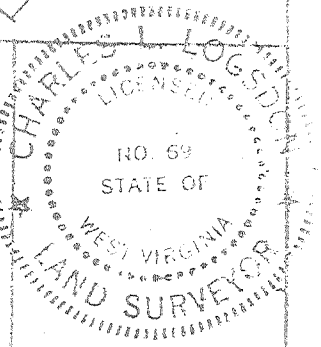
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH T.D. 2400 ±
 WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley
 ADDRESS 1700 Benedum - Trees Building ADDRESS 1700 Benedum - Tree Building



Surface & Minerals
GEORGE LYONS
 200/64

W. ENO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION T.P.M. cr. R1.46 & Patterson Creek Bridge
 El. = 555.00

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



(4) DEVOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (4-78)

DATE March 13, 1980
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
 WV 257 Mineral 0045
 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 763.00 WATERSHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE Headsville - KEYSER 15' NC 6-0 Headsville North (335)
 SURFACE OWNER George Lyons ACREAGE 253.87
 OIL & GAS ROYALTY OWNER George Lyons LEASE ACREAGE 253.87
 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) Deep Well
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Oriskany Sand ESTIMATED DEPTH 1,024,000'
 WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley B. Huntley
 OFFICE 1700 Benedum Trees Building ADDRESS 1700 Benedum Tree Building
Pittsburgh, Pa. 15222 Pittsburgh, Pa. 15222 **SEP 16 1980**



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

Quadrangle Headsville
Permit No. 47-057-0045

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

Company Upland Resources % Westvaco
Address 299 Park Ave., NY, NY 10017
Farm Lyons Acres 254
Location (waters) Patterson Creek
Well No. 2 Elev. 763
District Cabin Run County Mineral
The surface of tract is owned in fee by _____
George P. Lyons
Address 3901 Harrisville Rd., Mt. Airy, MD
Mineral rights are owned by Same 21771
Address _____
Drilling Commenced 1/28/81
Drilling Completed 4/4/81
Initial open flow 0 cu. ft. _____ bbls.
Final production 2 MCF 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.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	400'	400'	190 sks. cement to surface
7			
5 1/2			
4 1/2		3567'	300 sks.
3			
2			
Liners Used			

Well treatment details: Fracture program by Halliburton; acid foam frac; 200 sks, 20/40 sand, 180 bbls fluid.

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	2980		
Purcell Member of the Marcellus Shale			2980	3070		
Lower Marcellus Shale			3070	3190		
Tioga Bentonite			3190	3200		
Needmore Shale			3200	3396		
Oriskany Sandstone			3396	3567		
TD				3567		

RECEIVED
JUL 25 1981
OIL & GAS DIVISION
DEPT. OF MINES

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #2
API Well No. 47-057-0045
State County Permit

WELL TYPE: Oil ___ / Gas XXX /
(If "Gas", Production XXX / Underground storage ___ / Deep XXX / Shallow ___ /)
LOCATION: Elevation: 763' 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 George P. Lyons
Address 3901 Harrisville Rd.
Mt. Airy, Md. 21771
Acreage 253.87

COAL OPERATOR Not Applicable
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.

RECEIVED
JUL 31 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 August 30, 1979, to the undersigned well operator from George P. Lyons
[said deed, lease, or other contract has been recorded:]

Recorded on October 1, 1979, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Deed Book 217 at page 265. 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 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 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.

Tracy Bartholomew II
Well Operator

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

By Tracy Bartholomew II
Its 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
Buckhannon, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Oriskany Sandstone

Estimated depth of completed well, 2900± feet Rotary None / Cable tools XXX /
Approximate water strata depths: Fresh, 85, 280 feet; salt Expected feet.
Approximate coal seam depths: No Coal Is coal being mined in the area? Yes None / 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	Left in well		
Conductor									Kinds
Fresh water	8 5/8	H.	24.7	X		400'	400'	Cemented to Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	K	10.01	X		2900'	2900'	Cemented to Surface	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

Regulation 2.02 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", 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 manufacturing or stimulating a well or which a permit is sought and where the purpose of stimulating is to be part of the work or which a permit is sought and is noted as 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 4-25-81.

[Signature]
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 / lessor / of the coal under this well location has examined this proposed well location. If a mine map / plat which covers the area of the well location, the well location has been added to the mine map. / 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 governmental regulations.

Date: , 19
By
Its

RECEIVED
APR 5 - 1983

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION
DEPT. OF MINES

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

None
Coal Operator or Owner

Address

Coal Operator or Owner

Address
George & Bertha Lyons
Lease or Property Owner
Route 2 Box 138, Mt. Airy, MD 21771
Address

Upland Resources, Inc. c/o Westvaco Corp
Name of Well Operator
299 Park Avenue, New York, NY 10171
Complete Address
Lyons No. 2 19
WELL AND LOCATION
Cabin _____ District _____
Mineral _____ County _____
WELL NO. 47-057-0045 (No. 2)
Lyons _____ Farm _____

STATE INSPECTOR SUPERVISING PLUGGING Robert Stewart

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Mineral

ss:

Joseph V. Peddy and R. E. Webb

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 Upland Resources, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 19 day of August, 19 82, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSO PULLED LEFT IN	CSO LEFT IN
Shale 0-2980	gel & cement	squeeze perf at		
Purcell 2980-3070		2777'-3107' with		
Marcellus 3070-3190		2% CaCl cement for	400'-	
Tioga 3190-3200		200' of well above	8 5/8"	
Needmore 3200-3396		and including	1833'	1734'
Oriskany 3396-		perf. Set 100'	4 1/2"	4 1/2"
T-D-3567		cement plug over 4 1/2" casing left in hole. Set 100' cement plug at bottom of 8 5/8". Set 100' cement plug to surface.		
Coal Seams	Description of Monument			
(Name) None	8 5/8" casing 30" or more above surface.			
(Name)	Well No - stenciled			
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 5 day of October, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 28 day of March, 19 83.

Joseph V. Peddy
R. E. Webb
John Marshall
Notary Public

My commission expires:

April 3, 1991

Permit No. 47-057-0045

M.N. 0045