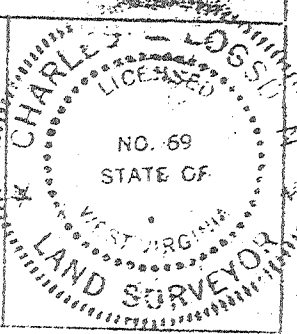


75'bc 15'bc calc
 1,875 39° 27' 30" Ua 4.755
 0,66W 78° 50' 3/11/2010 0.66W

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200'
 PROVEN SOURCE OF ELEVATION B.M. on Locs Mill Bridge

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



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

DATE May 8, 1980
 OPERATOR'S WELL NO. _____
 APIWELL NO. _____
 WV - 057 - 0039
 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 X DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 698.00 WATER SHED ___
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE Headsville 75 KEYSER 15' NC
 SURFACE OWNER L. M. & Elizabeth Kuykendall ACREAGE 258
 OIL & GAS ROYALTY OWNER L. M. & Elizabeth Kuykendall LEASE ACREAGE 258
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ F. DRILL ___ 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 2400 ±
 WELL OPERATOR Upland Resources DESIGNATED AGENT Huntley & Huntley
 ADDRESS 1700 Benedum Trust Building Pittsburgh Pa. 15222 ADDRESS 1700 Benedum Trust Building Pittsburgh Pa. 15222
Deep Well 6-b Headsville North (335) JUL 7 1980



39
JUL 27 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Headsville
Permit No. 00 39 Mineral

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

Company Upland Resources, Inc.
Address 1700 Benedum-Trees Pitt. Pa. 15222
Farm John & Eliz. Kuykendall Acres 258
Location (waters) Patterson Creek
Well No. 2 Elev. 698
District Cabin Run County Mineral
The surface of tract is owned in fee by John & Eliz. Kuykendall
Address _____
Mineral rights are owned by Same as Land owner
Address _____
Drilling Commenced _____
Drilling Completed 8-18-80
Initial open flow _____ cu. ft. _____ bbls.
Final production 300M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 540 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	300	300	
7			
5 1/2			
4 1/2		2115	
3			
2			
Lines Used			

Well treatment details: Attach copy of cementing record.
Perforations: 1956-60, 1998-2002, 2040-46, 2052-56, 2086-98 300 MCF
Fraced by Halliburton

Coal was encountered at No coal Feet _____ Inches _____
Fresh water 120 Feet _____ Salt Water _____ Feet _____
Producing Sand Oriskany Depth 1995-2120

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale			0	1674		Formations taken from Gamma ray log.
Selinsgrove			1674	1776		
Marcellus			1776	1844		
Tioga Metabentonite			1844	1854		
Onondaga Limestone			1854	1870		
Needmore Shale			1870	1995		
Oriskany Sand			1995	2120	Gas	
Helderberg Limestone			2120	---		
Total Depth				2158		

* Indicates Electric Log tops in the remarks section.

(over)

JUL 27 1981

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas XX /
(If "Gas", Production / Underground storage Deep XX Shallow)
LOCATION: Elevation: 698' Watershed: Patterson Creek
District: Cabin Run 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, Penna. 15222 Pittsburgh, Penna. 15222

OIL & GAS ROYALTY OWNER John & Eliz. Kuykendall COAL OPERATOR No Coal
Address Rt. 2, Box 232, Keyser, W.Va. 26726 Address

ACREAGE 258 COAL OWNER(S) WITH DECLARATION:
SURFACE OWNER Same as above Name Na
Address Address

ACREAGE 258 Name
FIELD SALE (IF MADE) TO: Address
Name NA 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. 26378

RECEIVED
MAY 21 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 XX / other contract / dated Oct. 15, 1978, to the undersigned well operator from John & Eliz. Kuykendall

[If said deed, lease, or other contract has been recorded:]
Recorded on Oct 15, 1978, in the office of the Clerk of the County Commission of Mineral County, West Virginia, in Keyser Book 216 at page 762. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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: (800) 3-9-3192

Upland Resources, Inc.
Huntley & Huntley, Inc., Agent
By Robert S. Stewart
Its President

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-25 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Talkington-Brady, Inc.
Address P. O. Box 371
Buckhannon, W. Va. 27201

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 2400 feet Rotary / Cable tools XX

Approximate water strata depths: Fresh, 50 feet; salt, feet.

Approximate coal seam depths: No Coal Is coal being mined in the area? Yes No XX

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								Kinds
Fresh water	8.625			XX		400'	400'	to surface
Coal								Sizes
Intermediate								
Production	4.50			XX		2400'	2400'	to surface
Liners								Deaths 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 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 1-29-81.

Robert T. [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 is to be issued within fifteen (15) days of recording thereof:

W A I V E

The undersigned coal operator / owner / lessee of the coal under this well location has examined this proposed well location. 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 applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its