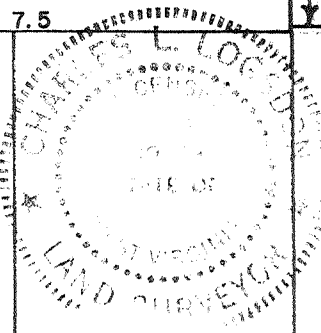


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION B.M. on bridge at Reeses Mill

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



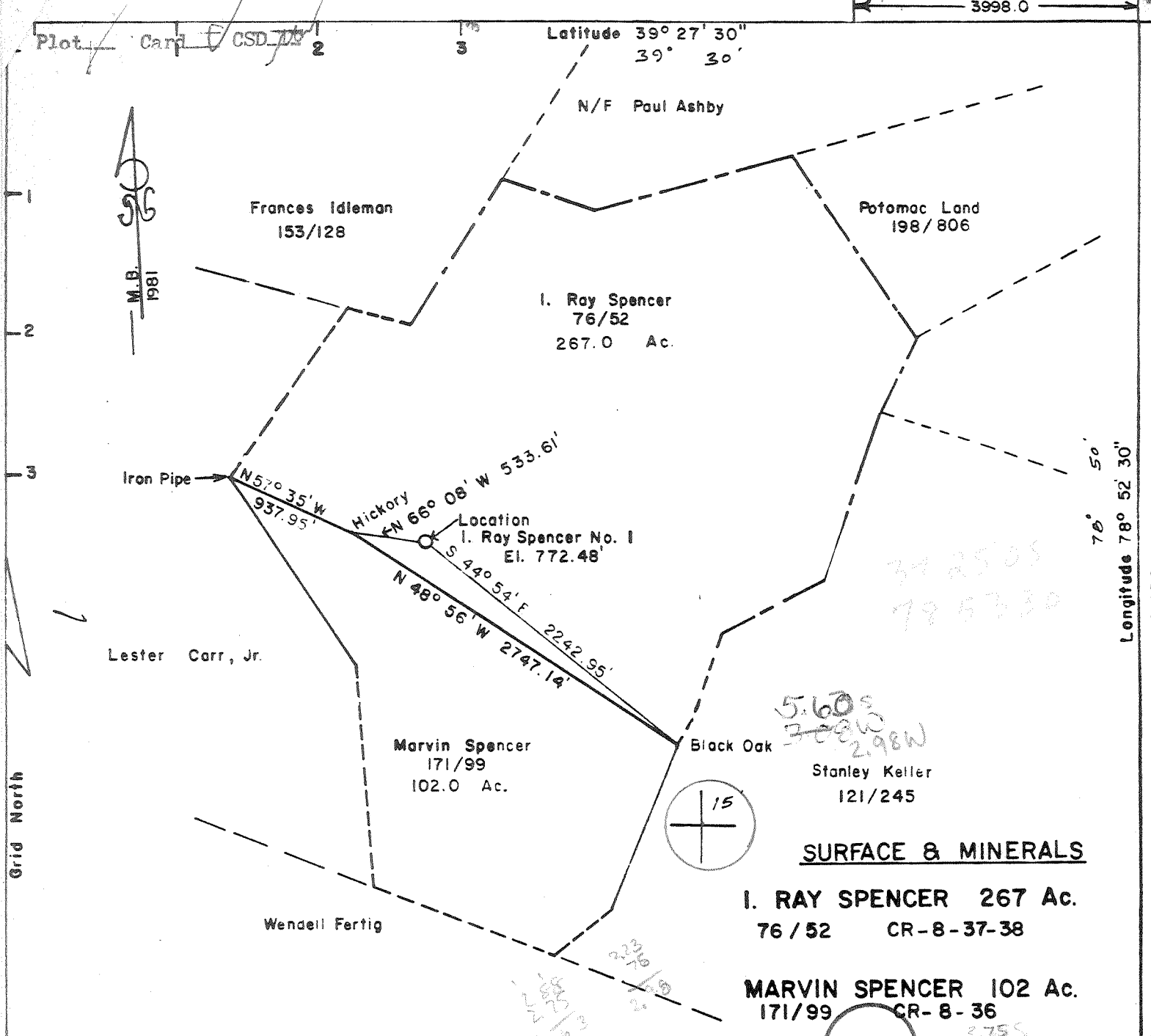
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

DATE May 10, 1981
 OPERATOR'S WELL NO. ONE
 API WELL NO. 057
 WV - Mineral - 0064-P
 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 X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 772.48' WATER SHED Patterson Creek
 DISTRICT Cabin Run COUNTY Mineral
 QUADRANGLE Keyser
 SURFACE OWNER I. Ray Spencer ACREAGE 267
 OIL & GAS ROYALTY OWNER I. Ray Spencer & Marvin Spencer LEASE ACREAGE 369
 LEASE NO. 207/580, 219/123
 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 2400'
 WELL OPERATOR Upland Resources DESIGNATED AGENT Ralph E. Webb, Agent
 ADDRESS Westvaco Building - 200 Park Avenue ADDRESS Rt. 1, Box 117
New York, N.Y. 10017 Burlington, WVa. 26710-0117



SURFACE & MINERALS

I. RAY SPENCER 267 Ac.
76 / 52 CR - 8 - 37 - 38

MARVIN SPENCER 102 Ac.
171 / 99 CR - 8 - 36

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

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) [Signature]
R.P.E. _____ L.L.S. 69

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

DATE May 10, 1981
OPERATOR'S WELL NO. ONE
API WELL NO. 057
WV - Mineral - 0064
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 X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 772.48' WATER SHED Patterson Creek
DISTRICT Cabin Run COUNTY Mineral
QUADRANGLE Keyser 7 1/2 & 15 Nc

SURFACE OWNER I. Ray Spencer ACREAGE 267
OIL & GAS ROYALTY OWNER I. Ray Spencer & Marvin Spencer LEASE ACREAGE 369
LEASE NO. 207/580, 219/123

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 6-6 Headsville North (335)
TARGET FORMATION Oriskany Sand ESTIMATED DEPTH 2400'
WELL OPERATOR Upland Resources DESIGNATED AGENT Talkington - Brady
ADDRESS Westvaco Building - 200 Park Avenue ADDRESS P.O. Box 1016
New York, N.Y. 10017 Keyser, WV 26726

JUN 31 1981

deep well



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

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

Quadrangle Keyser
Permit No. 47-057-0064

| | | | | |
|--|----------------------|---------------------|-----------------|----------------------------------|
| Company <u>Upland Resources</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>c/o Westvaco, 299 Park Ave., NY, NY 10013</u> | | | | |
| Farm <u>Spencer</u> Acres _____ | Size | | | |
| Location (waters) <u>Patterson Creek</u> | 20-16 | | | |
| Well No. <u>1</u> Elev. <u>772</u> | Cond. | | | |
| District <u>Cabin Run</u> County <u>Mineral</u> | 13-10" | | | |
| The surface of tract is owned in fee by _____ | 9 5/8 | | | |
| <u>Ray Spencer</u> | 8 5/8 | 880' | 880' | Cement to Surface |
| Address <u>Rt. 2, Box 240, Keyser, WV</u> | 7 | | | |
| Mineral rights are owned by <u>Same as above</u> | 5 1/2 | | | |
| _____ Address _____ | 4 1/2 | | 4550' | 230 sks |
| Drilling Commenced <u>July 13, 1981</u> | 3 | | | |
| Drilling Completed <u>July 29, 1981</u> | 2 | | | |
| Initial open flow <u>0</u> cu. ft. <u>0</u> bbls. | Liners Used | | | |
| Final production <u>30MCF</u> cu. ft. per day <u>0</u> bbls. | | | | |
| Well open _____ hrs. before test _____ RP. | | | | |

Well treatment details:

Attach copy of cementing record.

Perforated at 4158-64, 4 shots; 4178-84, 4 shots 30 MCF
Fractured by Halliburton & B.J. Hughes
Water Foam Frac, 330bbls. Tophole fluid
240 sks 20/40 sand

Coal was encountered at No Coal Feet _____ Inches _____
Fresh water 30' Feet _____ Salt Water _____ Feet _____
Producing Sand Shriver Chert Depth 4158-4184
HDBG

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|---------------------------------------|-------|--------------|----------|-------------|-------------------|-----------|
| Sandstone & Shale | | | 0 | 2300' | | |
| Marcellus Shale | | | 2300' | 2660' | | |
| Purcell Member of the Marcellus Shale | | | 2660' | 2890' | | |
| Lower Marcellus Shale | | | 2890' | 3040' | | |
| Tioga Bentonite | | | 3040' | 3068' | | |
| Needmore Shale | | | 3068' | 3240' | | |
| Overtuned Sequence | | | 3240' | 3394' | | |
| Needmore Shale | | | 3394' | 3517' | | |
| Tioga Bentonite | | | 3517' | 3610' | | |
| Upright Sequence | | | 3610' | 3714' | | |
| Marcellus Shale | | | 3714' | 4044' | | |
| Tioga Bentonite | | | 3714' | 4044' | | |
| Needmore Shale | | | 4044' | 4162' | | |
| Oriskany Sandstone | | | 4044' | 4162' | | |
| Shriver Chert | | | 4162' | 4348' | | |
| Mandara Shale | | | 4378' | 4380' | | |
| Corriganville Lm. | | | 4380' | 4472' | | |
| New Creek Lm. | | | 4472' | 4508' | | |
| Keyser Lm. | | | 4508' | 4640' | | |
| T.D. | | | | 4640' | HDBG | |

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

3714 4044 4162
772 772 772
2842 3272 3390

SEP 21 1981

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

Date August 18, 19 81

APPROVED Upland Resources Owner
 Geological Consultants, Agent

Gary White



Well No. 1
Farm I. Ray Spencer
API # 47-057-0064
Date June 3, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 772.48' Watershed: Patterson Creek
District: Cabin Run County: Mineral Quadrangle: Keyser

WELL OPERATOR Upland Resources, Inc.
Address P.O. Box 429
Keyser, WV 26726

DESIGNATED AGENT Talkington-Brady, Inc.
Address P.O. Box 1016
Keyser, WV 26726

OIL AND GAS ROYALTY OWNER I. Ray Spencer & Marvin Spencer
Address Rt. 2, Box 240
Keyser, WV 26726
Acreage 369

COAL OPERATOR No coal
Address _____

SURFACE OWNER I. Ray Spencer
Address Rt. 2, Box 240
Keyser, WV 26726
Acreage 267

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME No coal
Address _____
NAME _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
NAME No coal
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert S. Stewart
Address P.O. Box 345
Jane Lew, WV 26378
Telephone (304) 884-7782

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JUN - 3 1981

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 / other contract / dated _____, 19____, to the undersigned well operator from I. Ray and Bertha J. Spencer and Marvin & Elizabeth Spencer.
(If said deed, lease, or other contract has been recorded:)

Recorded on 10/20/76 & 12/20/1979, in the office of the Clerk of County Commission of Mineral County, West Virginia, in 207 & 219 Book at page 580 & 123A permit is requested as follows:

PROPOSED WORK: Drill / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Upland Resources, Inc.
Well Operator
By: Michael A. Partridge
Its: Michael A. Partridge
Manager, Energy Source Planning

BLANKET BOND

(Revised 3-81)

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 1016

Keyser, WV 26726

GEOLOGICAL TARGET FORMATION Oriskany

Estimated depth of completed well 2,400 feet. Rotary / Cable tools X /
Approximate water strata depths: Fresh, 50-80 feet; salt, feet.
Approximate coal seam depths: No coal.
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | | FOOTAGE INTERVALS | | CEMENT FILL- UP OR SACKS Cubic ft. | PACKERS |
|-----------------------|----------------|-------|---------------|-----|-------------------|-----------------|------------------------------------|--------------------------|
| | Size | Grade | Weight per ft | New | Used | For Drill- ling | | |
| Conductor | | | | | | | | Kinds |
| Fresh water | 8 5/8 | A | 24.7 | X | | 400 | 400 | cement to surface |
| Coal | | | | | | | | Sizes |
| Intermed. | | | | | | | | |
| Production Tubing | 4 1/2 | A | 10.5 | X | | 2,200 | 2,200 | cement approx. 400' |
| 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-9, "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 §22-4-8a 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 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.

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 2-23-82.


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 regularions.

Date: , 19 .

By:

Its:



IV-35
(Rev 8-81)

Date October 9, 1981
Operator's _____
Well No. 1
Farm Spencer
API No. 47 - 057 - 0064

RECEIVED State of West Virginia

OCT 13 1981

Department of Mines
Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 772 Watershed Patterson Creek
District: Cabin Run County Mineral Quadrangle Keyser

COMPANY Upland Resources %Westvaco
ADDRESS 299 Park Ave., N.Y., N.Y. 10017
DESIGNATED AGENT T. Brady
ADDRESS P.O. Box 1016, Keyser, W.Va. 26726
SURFACE OWNER Ray Spencer
ADDRESS Rt. 2, Box 240, Keyser, W.Va.
MINERAL RIGHTS OWNER Same as above
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK _____
R. Stewart ADDRESS Jane Lew, W.Va.
PERMIT ISSUED _____
DRILLING COMMENCED 7/13/81
DRILLING COMPLETED 7/29/81
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

| Casing Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------------|---------------------|-----------------|------------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 880 | 880 | surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 4550 | 230 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Oriskany Depth 4044 feet
Depth of completed well 4640 feet Rotary XXX / Cable Tools _____
Water strata depth: Fresh 30' feet; Salt _____ feet
Coal seam depths: No Coal Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation Needmore Shale Pay zone depth 3320-3360 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow -- Bbl/d
Final open flow 15 Mcf/d Oil: Final open flow -- Bbl/d
Time of open flow between initial and final tests -- hours
Static rock pressure 640 psig (surface measurement) after 12 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

OCT 29 1981

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Bridge Plug at 3520
Perforated at 3320-3360, 15 shots
Fractured with a 5% acid foam frac of 220 bbls. of top hole fluid and 453 sacks of 20/40 sand.

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas |
|---------------------------------------|-------|--------------|----------|-------------|--|
| Sandstone & Shale | | | 0 | 2300' | |
| Marcellus Shale | | | 2300' | 2660' | |
| Purcell Member of the Marcellus Shale | | | 2660' | 2890' | |
| Lower Marcellus Shale | | | 2890' | 3040' | |
| Tioga Bentonite | | | 3040' | 3068' | |
| Needmore Shale | | | 3068' | 3240' | |
| Overturnd Sequence | | | | | |
| Needmore Shale | | | 3240' | 3394' | |
| Tioga Bentonite | | | 3394' | 3517' | |
| Upright Sequence | | | | | |
| Marcellus Shale | | | 3517' | 3610' | |
| Tioga Bentonite | | | 3610' | 3714' | |
| Needmore Shale | | | 3714' | 4044' | |
| Oriskany Sandstone | | | 4044' | 4162' | |
| Shriver Shert | | | 4162' | 4348' | |
| Mandara Shale | | | 4378' | 4380' | |
| Corriganville Lm. | | | 4380' | 4472' | |
| New Creek Lm. | | | 4472' | 4508' | |
| Keyser Lm. | | | 4508' | 4640' | |
| T.D. | | | | 4640' | |

(Attach separate sheets as necessary)

Upland Resources

Well Operator
Agent Energy Omega, Inc.

By: *Mary W. [Signature]*

Date: October 9, 1981

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

Permitting
Office of Oil & Gas
AFFIDAVIT OF PLUGGING AND FILLING WELL

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

Farm name: SPENCER, RAY Operator Well No.: SPENCER #1

LOCATION: Elevation: 772.48 Quadrangle: KEYSER
District: CABIN RUN County: MINERAL
Latitude: 14550 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 3998 Feet West of 78 Deg. 52 Min. 30 Sec.

Well Type: OIL _____ GAS x

Company: Upland Resources
PO Box 429
Keyser, WV 26726

Coal Operator N.A.
or Owner _____

Agent: Ralph Webb

Coal Operator N.A.
or Owner _____

Permit Issued: 12/13/93

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

Robert L. Wharton and Thearl Clutter 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 the above named well operator, and participated in the work of plugging and filling the above well, and Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 14th day of February, 1994, and that the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|--------------------|------|------|------------------|------|
| Fill Hole with Gel | | | | |
| Cement | 3380 | 3280 | Cut 4 1/2 @ 2150 | 2400 |
| Gel | 3280 | 0 | | |
| Cement | 2100 | 2000 | | |
| Cement | 950 | 850 | | |
| Cement | 100 | 0 | | |
| | | | | |
| | | | | |

Phillip Tracy 6/1/94

Description of monument: Erect 6" casing 30" above ground with ID per DOE reg. and that the work of plugging and filling said well was completed on the 18th day of February, 1994.

And further deponents saith not.

Sworn and subscribe before me this 18th day of February, 1994
My commission expires: November 3, 2003

R. L. Wharton
Thearl Clutter
Irene Murray
Notary Public

Oil and Gas Inspector:

Phillip Tracy
JUN 3 1994