

NOTE: PLAT TO SHOW CHANGE IN LOCATION OF WELL NO. B37-1

Minimum Error of Closure 1/200
 Source of Elevation INTERSECTION OF COUNTY ROUTE 22 & 28

- New Location
- Drill Deeper
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Compan. **Fluharty Enterprises, Inc.**
 Box 226-Salem, wVa. 26426-0226

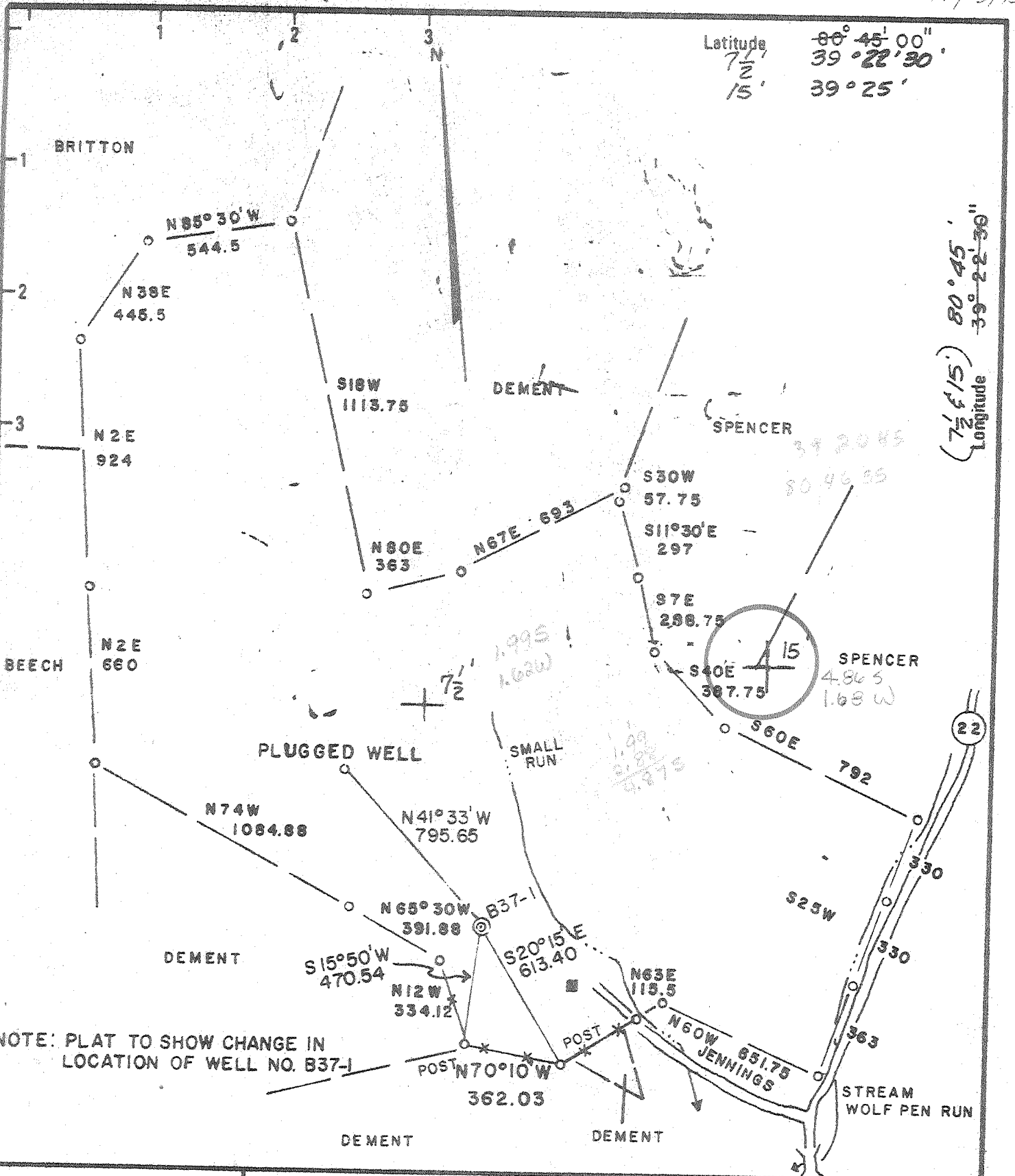
DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506

Address _____
 Farm **SMITH HEIRS**
 Tract _____ Acres **115** Lease No. _____
 Well (Farm) No. **B37-1** Serial No. _____
 Elevation (Spirit Level) **937'**
 Quadrangle **WEST UNION 7.5'**
 County **DODRIDGE** District **WEST UNION**
 Surveyor **Gregory A. Smith**
 Surveyor's Registration No. **677**
 File No. _____ Drawing No. _____
 Date **10/26/79** Scale **1"=500'**

WELL LOCATION MAP
 Prod Well No. 47-017-02523-7
 Well drilled in 1979 by Trident Marketing TD-5380 Production from shale. Fluharty to set temporary plug free by engine remove plug complete with shale production

MAR 6 1997

11/2/79



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1/200
 Source of Elevation INTERSECTION OF COUNTY ROUTE 22 & 28
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company **GENE STALNAKER INC.**
 Address **LETTERGAP W.V.**
 Farm **SMITH HEIRS**
 Tract _____ Acres **115** Lease No. _____
 Well (Farm) No. **B37-1** Serial No. _____
 Elevation (Spirit Level) **937'** *EC*
 Quadrangle **WEST UNION 7.5', 15'**
 County **DODRIDGE** District **WEST UNION**
 Surveyor **Gregory A. Smith**
 Surveyor's Registration No. **677**
 File No. _____ Drawing No. _____
 Date **10/2 /79** Scale **1" / 500'**

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

WELL LOCATION MAP
 FILE NO. **47-017-2523**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

NOV 28 1979

6-6 CENTRAL STATION 27 (092)

WR-35

04-Mar-97

API # 47- 17-02523 F

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

RECEIVED
DIVISION OF OIL AND GAS

Well Operator's Report of Well Work

Farm name: SMITH, THOMAS

Operator Well No.: SMITH #1 1988

LOCATION: Elevation: 937.00 Quadrangle: WEST UNION

WV Division of Environmental Protection

District: WEST UNION

County: DODDRIDGE

Latitude: 10480 Feet South of 39 Deg. 22Min. 30 Sec.

Longitude 8550 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: FLUHARTY ENTERPRISES, INC
P. O. BOX 226
SALEM, WV 26426-0000

Agent: THOMAS J. FLUHARTY

Inspector: MIKE UNDERWOOD
Permit Issued: 03/04/97
Well work Commenced: 03/28/97
Well work Completed: 09/25/97
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
	well work over		

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2010
 Gas: Initial open flow 65 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 50 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 24 psig (surface pressure) after 4 Hours

Second producing formation n/a Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: FLUHARTY ENTERPRISES, INC.

By: Thomas J. Fluharty
Date: 5/4/98

JUN 29 1998

0000 2523 F



JAN 24 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 24

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

Quadrangle West Union 7.5'
Permit No. 47-017-2523

Company GENE STALNAKER, INC.
Address Letter Gap, WV 25255
Farm Smith Acres 115
Location (waters) Wolf Pen Run of Nutter Fork
Well No. B-37-1 Elev. 890'
District West Union County Doddridge
The surface of tract is owned in fee by Lourie Smith
Address Ravenswood
Mineral rights are owned by Same
Address _____
Drilling Commenced 11-20-79
Drilling Completed 12-15-79
Initial open flow 1,240 ~~665~~ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open 3 hrs. before test _____ RP.
Well treatment details:

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	665'	665'	200 sks.
7			
5 1/2			
4 1/2		5381'	520 sks.
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water 75 Feet _____ Salt Water _____ Feet
Producing Sand Speechley Stray, Balltown, Riley, Benson Depth 3420-3500, 3600-3844, 4450-4500, Alexander 4900-4920, 5174-5236.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No Record			0	1800		
Little Lime			1800	1820		
Pencil Cave			1820	1830		
Big Lime			1830	1960		
Big Injun			1960	2034		
Shale			2034	2170		
Weir			2170	2272		
Shale			2272	2614		
Gordon Sand			2614	2628		
Shale			2628	2804		
Fifth Sand			2804	2818		
Shale			2818	3206		
Warren Sand			3206	3314		
Slate			3314	3420		
Speechley Stray			3420	3500		
Slate			3500	3600		
Balltown			3600	3844		
Slate			3844	3997		
Bradford Sand			3997	4052		
Slate			4052	4450		
Riley			4450	4500		
Slate			4500	4900		
Benson			4900	4920		

(over)

* Indicates Electric Log tops in the remarks section.

FEB 25 1980

FEB 25 1980

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Slate <u>Alexander</u> Slate			4920 5174 5236	5174 5236 TD		

Date January 23 19 80

APPROVED James H. Stalinski Owner

By James H. Stalinski
(Title)

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. B-37-1
API Well No. 47 - 017 - 2523
State County Permit

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

LOCATION: Elevation: 800' Watershed: Wolf Pen Run of Nutter Fork
District: West Union County: Doddridge Quadrangle: West Union 7.5'

WELL OPERATOR GENE STALNAKER, INC.
Address Box 9
Letter Gap, WV 25255

DESIGNATED AGENT Gene Stalnaker
Address Box 9
Letter Gap, WV 25255

OIL & GAS ROYALTY OWNER Lourie Smith
Address Ravenswood, WV

COAL OPERATOR N/A
Address _____

Acreage 115

SURFACE OWNER Same as above
Address _____

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

RECEIVED
OCT 30 1979

Acreage _____

FIELD SALE (IF MADE) TO:
Name N/A
Address _____

Name _____
Address OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address _____

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated November 20, 19 78, to the undersigned well operator from Lourie Smith

[If said deed, lease, or other contract has been recorded:]

Recorded on January 10, 19 79, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Deed Book 106 at page 775. A 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 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: (304) 348-3092

BLANKET BOND

GENE STALNAKER, INC.
Well Operator
By Gene Stalnaker
Its President

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown
Address _____

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5400' feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 100 feet; salt, _____ feet.

Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ No _____

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	11-3/4			X		20'	20'	Kinds
Fresh water	8-5/8		20	X		500'	500'	To Fill up
Coal								Sizes
Intermediate								
Production	4-1/2		10.50	X			5400'	250 sks.
Tubing								Depths 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-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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 with Chapter 22 of the Code.

All provisions of the Code, Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-1-80.

Robert L. Hill
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 regulations.

Date: _____, 19 _____

By _____
Its _____

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

23254

Well Operator: Fluharty Enterprises Inc ⁰³⁹⁶ / 17480 (8) 671

Operator's Well Number: Smith #1 3) Elevation: 890 ^{937'}

Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /

Issues 03/04/97
Expires 03/04/99

5) Proposed Target Formation(s): Big Injun ³⁷¹

6) Proposed Total Depth: 2010 feet

7) Approximate fresh water strata depths: n/a cased off

8) Approximate salt water depths: n/a cased off

9) Approximate coal seam depths: n/a cased off

10) Does land contain coal seams tributary to active mine? Yes ___ / No X /

11) Proposed Well Work: stimulate Big Injun

12) Temporary Plug from Injun Remove Plug Comingle Well
CASING AND TUBING PROGRAM

RECEIVED
Environmental Protection
Office of Oil & Gas
FEB 21 1997

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

TYPE	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	665				665'	existing
Fresh Water						
Coal						
Intermediate						
Production	4 1/2				5381	520 sks
Tubing						
Liners						

200 SKS
7 @ 12 @ Cement
Middle

Check with log for squeeze job
Estimate Cement Top 2987' to 2733'?

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond LC Agent

(Type)

FEB 21 1997

- 1) Date: 2-18-1997
- 2) Operator's well number _____
- 3) API Well No: 47 - 017 - 2523 - P

Smith #1

State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

P 643 110 575

NOTICE AND APPLICATION FOR A WELL



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

- 4) Surface Owner(s) to be served:
 - (a) Name Thomas Smith Address 6266 Love Warner Rd.
Cortland OH 44410
 - (b) Name _____ Address _____
 - (c) Name _____ Address _____
- 5) (a) Coal Operator:
 - Name n/a Address _____
 - (b) Coal Owner:
 - Name n/a Address _____
 - (c) Coal Lessee:
 - Name n/a Address _____
 - Telephone (304)- 782-1043

Sent to	
<u>Thomas Smith</u>	
Street & No.	
<u>6266 Love Warner Rd</u>	
P.O., State & ZIP Code	
<u>OH 44410</u>	
Postage	\$ <u>78</u>
Certified Fee	<u>110</u>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	<u>110</u>
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$ <u>2.98</u>
Postmark or Date	<u>CLARKSBURG WV 26307 FEB 20 1997</u>

PS Form 3800, June 1990

TO THE PERSON(S) NAMED ABOVE TAKE

- Included is the lease or leases or other continuing cont right to extract oil and gas **OR**
- Included is the information required by Chapter 22, Article Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Fluharty Enterprises, Inc.
 By: Thomas J. Fluaharty
 Its: President
 Address P. O. Box 226
Salem, WV 26426
 Telephone 304-782-3831

Subscribed and sworn before me this 19th day of February, 1997

[Signature]

Notary Public

My commission expires 1/31/2006