

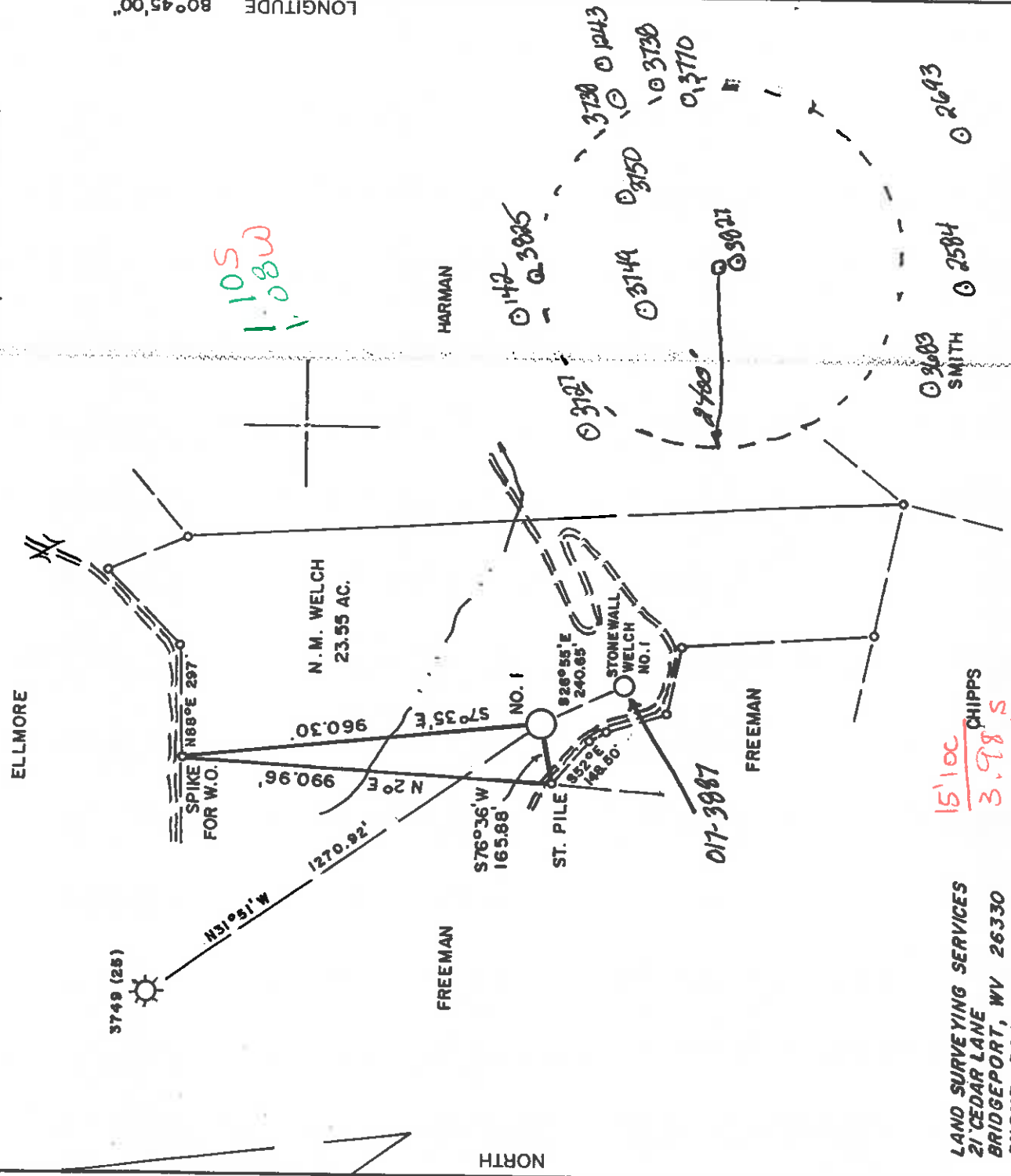
Janie 9/5/90

LATITUDE 39°22'30"

5760'

WELL REFERENCES:
N64°30'W, 144' TO 10" SUGAR
N30°45'W, 138' TO 12" POPLAR

LONGITUDE 80°45'00"

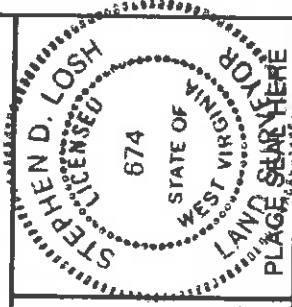


LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

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

FILE NO. _____
DRAWING NO. _____
SCALE _____ 1" = 400'
MINIMUM DEGREE OF
ACCURACY _____ 1 in 200
PROVEN SOURCE OF
ELEVATION EXIST. WELL 3749
ELEV. - 1270'

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 ENERGY.
(SIGNED) _____
L.L.S. _____
R.P.E. _____ 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MAY 02, 19 90

OPERATOR'S WELL NO. WELCH/BARTON NO. 1
API WELL NO. _____

47-017 STATE COUNTY PERMIT
3946

WELL TYPE: OIL _____ GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1078' WATER SHED KNIGHTS FORK OF LITTLE FLINT RUN
DISTRICT GRANT 3 COUNTY DODDRIDGE
QUADRANGLE WEST UNION 7.5 min.

SURFACE OWNER M.M. WELCH & C.R. PIERSON et al
OIL & GAS ROYALTY OWNER M.M. WELCH & C.R. PIERSON et al LEASE ACREAGE 23.55

PROPOSED WORK: DRILL _____ 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 BIG IN JUN ESTIMATED DEPTH 2250'

WELL OPERATOR W.F. B. CORPORATION, INC. DESIGNATED AGENT GREGORY BARTON
ADDRESS 3811 E. 7TH ST., P.O. BOX 4308 ADDRESS 3811 E. 7TH ST., P.O. BOX 4308
PARKERSBURG, WV 26104 PARKERSBURG, WV 26104

PERMIT

SEP 10 1990

COUNTY NAME

66 Wilbur (98)

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: PIERSOL, BERTHA Operator Well No.: WELCH/BARTON 1

LOCATION: Elevation: 1078.00 Quadrangle: WEST UNION

District: GRANT County: DODDRIDGE
Latitude: 5760 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 5760 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: W.F.B. CORPORATION, INC.

3811 E. 7TH. ST-P.O. BOX 4308
PARKERSBURG, WV 26104-4308

Agent: GREGORY R. BARTON

Inspector: MIKE UNDERWOOD
Permit Issued: 09/06/90
Well work Commenced: 9/15/90
Well work Completed: 9/21/90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 2,250
Fresh water depths (ft) 140

Salt water depths (ft) 1290

Is coal being mined in area (Y/N)? N
Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10 3/4	206	206	150
7"	2004	2004	300sks

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NOV 08 1990

DEPT. OF ENERGY

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2,150
Gas: Initial open flow 400 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 350 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 48 hrs. Hours
Static rock Pressure 125 psig (surface pressure) after 48 hrs. Hours

Second producing formation 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: W.F.B. CORPORATION, INC.

By: _____

Date: 11/15/90

NOV 16 1990

11221

Geological Well Record Data

Well Name: Welch-Barton #1

Permit Number: 47-017-3846

	<u>TOP</u>	<u>BOTTOM</u>
SOIL	0	26
BROKEN SANDS	27	164
SANDS AND SHALES	165	1040
BIG DUNKARD SAND	1320	1410
1ST. SALT SAND	1432	1510
2ND. SALT SAND	1533	1641
3RD. SALT SAND	1704	1765
MAXON	1790	1810
BIG LIME	1830	1906
KEENER SAND	1908	1950
BIG INJUN SAND	1955	2230
TD	2250	
		Gas Show

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: M. F. B. Corporation, Inc. 51605 (3) 670
- 2) Operator's Well Number: Welch/Barton No. 1
- 4) Well type: (a) Oil or Gas
- (b) If Gas: Production Underground Storage Shallow Deep
- 5) Proposed Target Formation(s): Big Injun 371
- 6) Proposed Total Depth: 2,250 feet
- 7) Approximate fresh water strata depths: 80 120-145'
- 8) Approximate salt water depths: 1,500 1290'
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

3) Elevation: 1,078

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 Division of Energy
 0590
 Oil and Gas Section

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						Fill-up (cu. ft.)
Fresh Water	8 5/8"			200	to surface	200
Coal						
Intermediate						
Production	4 1/2"					
Tubing					2,250	125 SKS.
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

Fees (s) paid: _____
 For Division of Oil and Gas Use Only
 Well Work Permit _____ Reclamation Fund _____
 WPCP

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Division of Energy
Permitting
Oil and Gas Section

1) Date: August 3, 1990
2) Operator's well number
Welch/Barton #1
3) API Well No: 47 - 017 - 3846
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: 5) (a) Coal Operator:
Name _____ Name None
Address _____ Address _____

(a) Name Bertha Piersol
Address 1760 Vernon Avenue, Northwest
Warren, Ohio 44483

(b) Coal Owner(s) with Declaration
Name Mary Maxine Welch
Address P.O. Box 4308, #20 Meadowcrest
Parkersburg, West Virginia 26104

(b) Name Mary Maxine Welch
Address P.O. Box 4308, #20 Meadowcrest
Parkersburg, West Virginia 26104

Name Bertha Piersol
Address 1760 Vernon Avenue, Northwest
Warren, Ohio 44483

(c) Name _____
Address _____

(c) Coal Lessee with Declaration
Name None
Address _____

6) Inspector Mike Underwood
Address Route 2 Box 135
Salem, West Virginia 26426
Telephone (304) - 782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

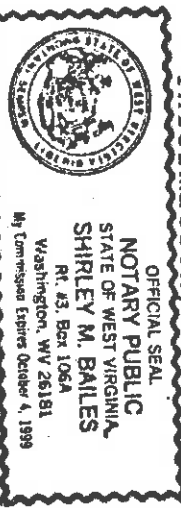
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas. OR
X Included is the information required by Chapter 22B, Article 1, section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B 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)
X Certified Mail (Postmarked postal receipt attached)
_____ publication (Notice of Publication attached)

I have read and understand Chapter 22B 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.



BY: _____
Secretary-Treasurer
Address 3811 East Seventh Street, Post Office Box 4308
Parkersburg, West Virginia 26104
Telephone (304) 428-3031

Subscribed and sworn before me this 3rd day of August, 1990
Shirley M. Bailes Notary Public
My commission expires October 4, 1999