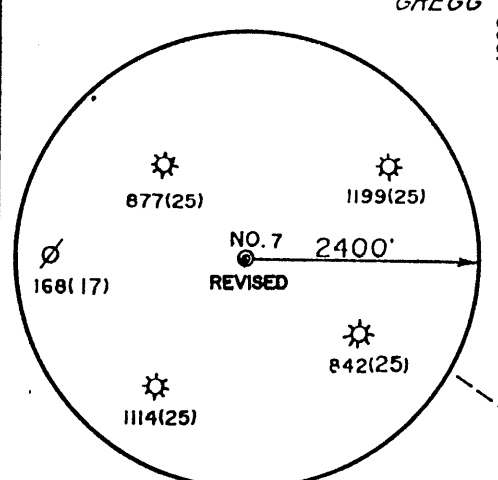


GREGG LEASE

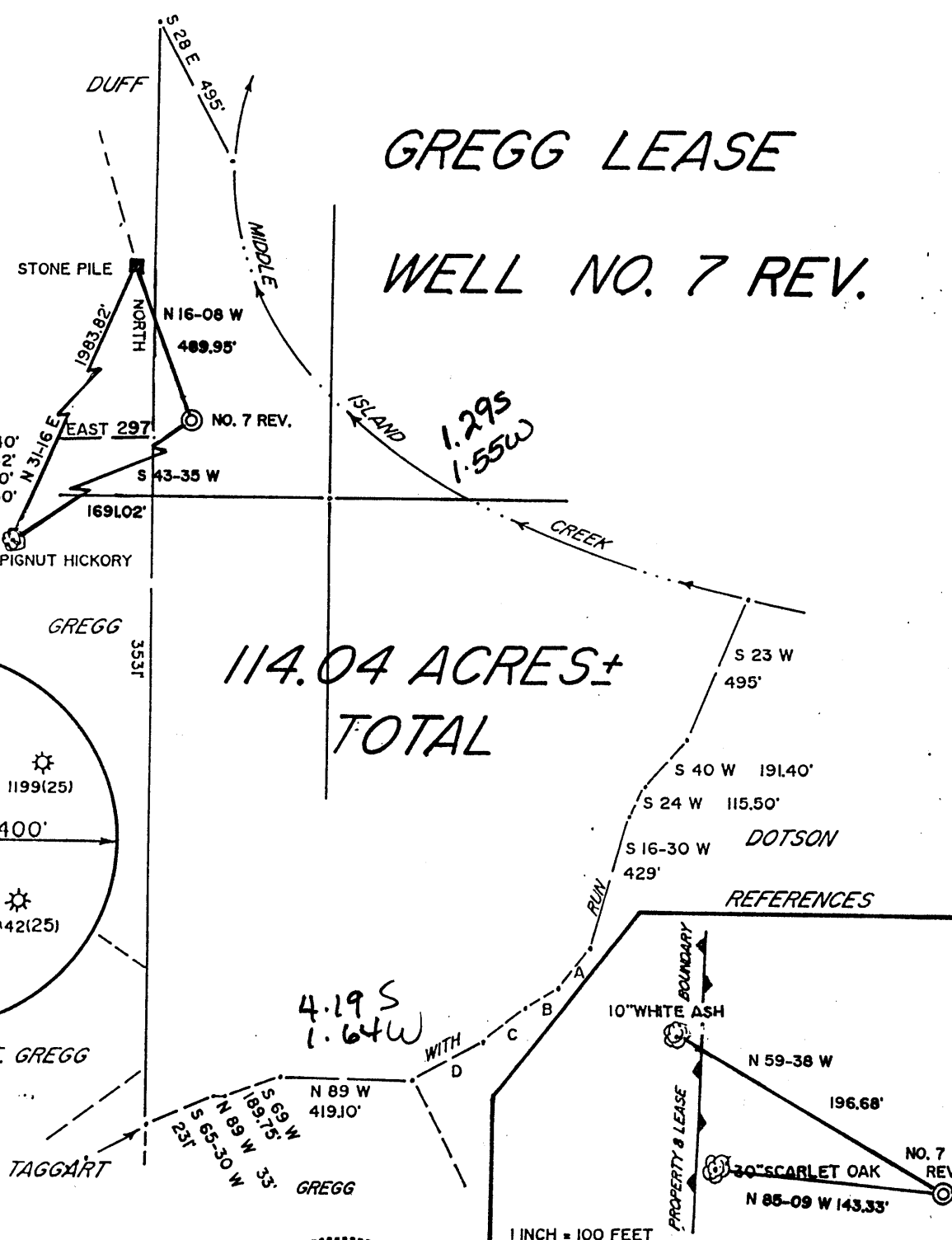
WELL NO. 7 REV.

NORTH



LINE TABLE

A = S 36-30 W	158.40'
B = S 58 W	123.42'
C = S 50-30 W	174.90'
D = S 61 W	247.50'

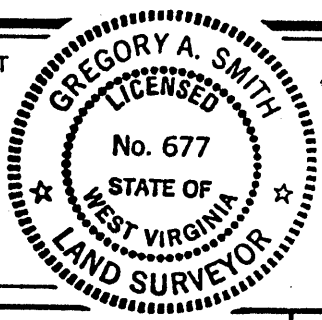


114.04 ACRES ± TOTAL



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.


L.L.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 1, 19 91
 OPERATORS WELL NO: GREGG NO. 7 REV.
 API WELL NO. 47 - 095 - 1459-Rw
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2337(36-45)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 737' SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 935' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5' & 15'

SURFACE OWNER MILDRED GREGG, et al. ACREAGE 97
 ROYALTY OWNER MILDRED GREGG, et al. LEASE ACREAGE 97 OF 114.04

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5100'

WELL OPERATOR ANVIL OIL COMPANY, INC. DESIGNATED AGENT JUSTIN HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

48
 66 Stanley (092)

COUNTY NAME PERMIT

AUG 12 1991

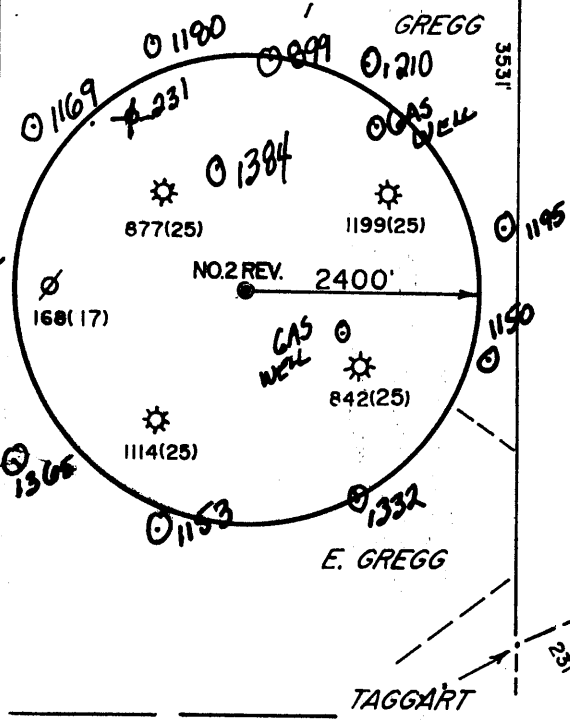
Janie
4/18/91

GREGG LEASE

WELL NO. 7 REVISED

LONGITUDE 80°05'08"

NORTH



114.04 ACRES ± TOTAL

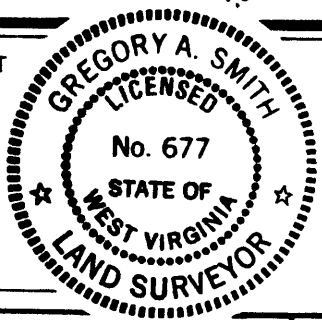
LINE TABLE

A = S 36-30 W	158.40'
B = S 58 W	123.42'
C = S 50-30 W	174.90'
D = S 61 W	247.50'



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.

L.L.S. Gregory A. Smith
677



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


DATE FEBRUARY 7, 1991

OPERATORS WELL NO. Gregg #2 REV.

API WELL NO. 47 - 095 - 1459-Rev
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2337(21-68)
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 737' SCALE 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 99' WATERSHED MIDDLE ISLAND CREEK

DISTRICT CENTERVILLE 1 COUNTY TYLER QUADRANGLE WEST UNION 7.5'

SURFACE OWNER MILDRED GREGG et al. ACREAGE 97

ROYALTY OWNER MILDRED GREGG et al. LEASE ACREAGE 97 OF 114.04

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
ESTIMATED DEPTH 5100' APR 18 1991

WELL OPERATOR ANVIL OIL COMPANY, INC. 48 DESIGNATED AGENT JUSTIN HENDERSON
ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

COUNTY NAME PERMIT

Janie 1/17/91

WESTFALL LEASE

WESTFALL WELL

NO. 2

94 ACRES ± TOTAL

LATITUDE 39-22-30

12 ACRES SURFACE

S 16 E
1353'

N 1 E
1435.50'

S 24 W
668.25'

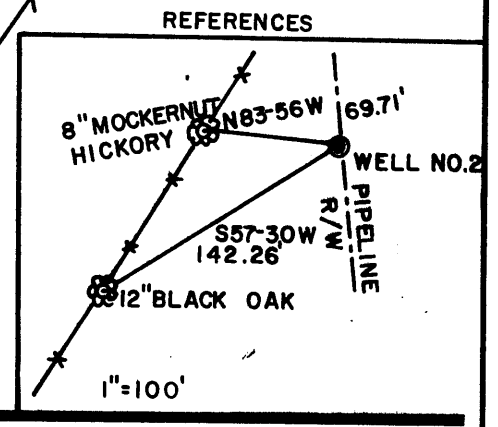
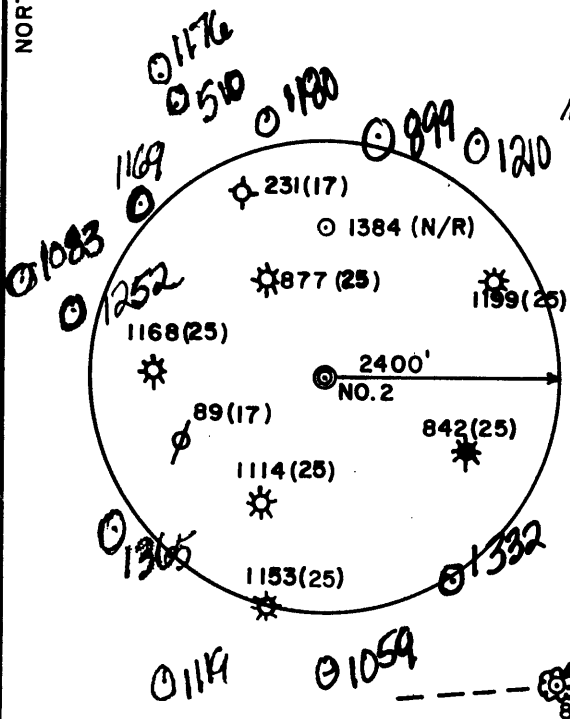
N 24-57 E
446.36'

GREGG

MOORE

WELL NO. 2

NORTH

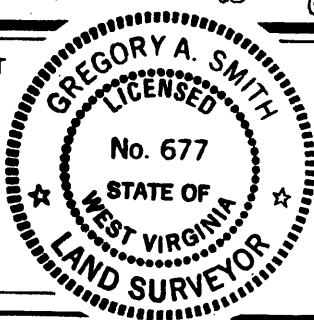


UPDATED: MAY 25, 1990



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.


L.L.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 7, 1990
 OPERATORS WELL NO. WESTFALL NO. 2
 API WELL NO. 47 - 095 - 1459
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1767 (21-68)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB SCALE 1" = 200'
 ELEV. = 1199'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1114' WATERSHED MIDDLE ISLAND CREEK

DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER RICHARD T. CAVA ACREAGE 12
 ROYALTY OWNER RALPH J. WESTFALL LEASE ACREAGE 12 OF 94

PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5400'

WELL OPERATOR ANVIL OIL COMPANY, INC. 48 DESIGNATED AGENT JUSTIN HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

COUNTY NAME PERMIT

6-6 Streets (092)

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

Reviewed TMC
Recorded _____

REC
Department of Energy
JAN 21 1992
Director
Office of Director
Oil and Gas Division

Well Operator's Report of Well Work

Farm Name: GREGG, MILDRED ETAL Operator Well No.: GREGG #7-REV.

LOCATION: Elevation: 935 CHECKED ON TOPO - AUG 12, 1991 PLAT
Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER
Latitude: 6900 Feet South of 39 Deg. 22Min. 30 Sec. 4 92
Longitude: 8390 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: ANVIL OIL CO., INC.
2099 PLEASANT VALLEY ROAD
FAIRMONT, WV 26554-1230

Agent: JUSTIN L. HENDERSON

Inspector: MIKE UNDERWOOD
Permit Issued: 04/18/91
Well work Commenced: 08/17/91
Well work Completed: 08/24/91
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) 290

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
13-10"			
9 5/8			
9 5/8	969	969	015
7			
5 1/2	4826	4826	175sks

Salt water depths (ft) None encountered

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): 40-42

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4726-36
Gas: Initial open flow 277 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 2350 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 1675 psig (surface pressure) after 32 Hours

Second producing formation Riley Pay zone depth (ft) 4327-4355
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

Justin L. Henderson
For: ANVIL OIL CO., INC.

By: Justin Henderson President
Date: January 17, 1992

513 1 1992

Top soil	0-40	
Coal	40-42 - 1683	Dunkard
RR/rock	42-1075	
SD/SH	1075-1270	damp 290'
SD	1270-1390	
SH/SD	1390-1640	E-log tops
Lime	1640-1705	
SD/SH	1705-1740	Big lime 1683
SD	1740/1880	GreenBriar Injun 1732
SH	1880-2050	Berea 2232
SD	2050-2160	Riley 4322
SH/SD	2160-2660	Benson 4726
SD	2660-2770	
SH	2770-4893	

Perforate Benson 4727-4734 (14 holes) Frac with 400sks sand, 300 gal HCL
 400BBLs treated fluid, 105,000 scf N₂ Avg. rate 17 avg psi =1950

Perforate Riley 4327-4355 (14)holes) Frac with 400 sks sand 500 gal HCL
 400 bbls treated fluid, 100,000 scf N₂ avg rate 20 avg psi = 2000#

2/18/11

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

Company's
COPY

- 1) Well Operator: ⁴³ ANVIL OIL COMPANY, INC. *Issued 04/19/91*
- 2) Operator's Well Number: GREGG WELL NO. 7 *Expires 04/19/93*
- 3) Elevation: 991'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): ⁴³⁵ Benson
- 6) Proposed Total Depth: 5100' feet
- 7) Approximate fresh water strata depths: 115'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill & Stimulate *New Well*
- 12)

CASING AND TUBING PROGRAM

11811

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"			30'	0'	0 Sacks
Fresh Water	8-5/8"			1091'	1091'	By Rule 38 CSR 18-11.3
Coal						<i>30 Sacks</i>
Intermediate						
Production	4-1/2"			5100'	5100'	By Rule 38 CSR 18-11.1
Tubing						
Liners						

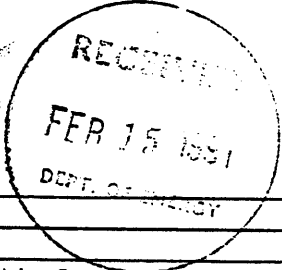
PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

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

- 1) Date: February 4, 1991
- 2) Operator's well number
Gregg Well No. 7
- 3) API Well No: 47 - 095 - 1459-REV.
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:
 - (a) Name Mildred Gregg
Address Star Route 1 Box A-39
Alma, WV 26320
 - (b) Name Sandra Clark and Clarence Clark
Address Star Route 1, Box 6
Alma, WV 26320
 - (c) Name David Gregg
Address _____
- 5) (a) Coal Operator
 - Name _____
 - Address _____
- (b) Coal Owner(s) with Declaration
 - Name _____
 - Address _____
- 6) Inspector Mike Underwood
 - Address Route 2, Box 135
Salem, WV 26426
 - Telephone (304)-782-1043
- (c) Coal Lessee with Declaration
 - Name _____
 - Address _____

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

_____ 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)
- 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.

Well Operator Anvil Oil and Gas Company
By: Justin Henderson
Its: President
Address P.O. Box 1280 Fairmont, WV 26554
Telephone 304-363-1362

Subscribed and sworn before me this 4th day of February, 1991

Belinda J. Belfore Notary Public
My commission expires March 29, 1991

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

Issued 1/25/91

Expires 1/25/93

- 1) Well Operator: ANVIL OIL CO., INC. 2275 (1) 670
- 2) Operator's Well Number: WESTFALL WELL NO. 2 3) Elevation: 1114'
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production X / Underground Storage /
 Deep / Shallow X /
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5400' feet
- 7) Approximate fresh water strata depths: 529' 125'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 609' N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill & Stimulate New Well.
- 12)

RECEIVED
Division of Energy
JAN 09 91
Submitting
Oil and Gas Section

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"			120'	120'	CTS
Fresh Water	8-5/8"			1983'	1983'	By Rule 38 CSR 18-11.3
Coal						
Intermediate						
Production	4-1/2"			5400'	5400'	By Rule 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind
 Sizes
 Depths set

For Division of Oil and Gas Use Only

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

1) Date: _____
2) Operator's well number
Westfall #2
3) API Well No: 47 - 095 - 1459
State - County - Permit

RECEIVED
Division of Energy
JAN 09 91
On and after 1991

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:
(a) Name Richard T. Cava
Address Route 2, Box 107
Pennsboro, WV 26415
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Glen Robinson
Address Route 1
Mineral Wells, WV 26150
Telephone (304)- _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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

_____ 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)
- _____ 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.

Well Operator Anvil Oil & Gas Co., Inc.
By: Justin L. Henderson
Its: President
Address P.O. Box 1230
Fairmont, WV 26555-1230
Telephone 304 363-1352

Subscribed and sworn before me this 8th day of January, 1991

Belinda J. Beafre
My commission expires March 29, 1991 Notary Public