

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) David Z. Jackson L.L.S. 708

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road junction 3,500'
NW of Location: elev. 859'

STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE August 16, 19 93
 OPERATOR'S WELL NO. Will Morris No. 1
 API WELL NO. _____

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW PERMIT

LOCATION: ELEVATION 1022 WATER SHED Riggins Run COUNTY Doddridge
 DISTRICT McClellan COUNTY Doddridge

SURFACE OWNER James D. Williams et ux ACREAGE 74
 OIL & GAS ROYALTY OWNER Will E. Morris et al LEASE ACREAGE 74
 LEASE NO. 474500

PROPOSED WORK: DRILL CONVERT 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 Benson ESTIMATED DEPTH 5050'

WEI 48 DESIGNED BY _____
 ADC Anvil Oil Company, Inc. ADDRESS _____
 P.O. Box 1230 Justin Henderson Agent
 Fairmont, WVa. 26554-1230 Same Address
 PH: 304-363-1362



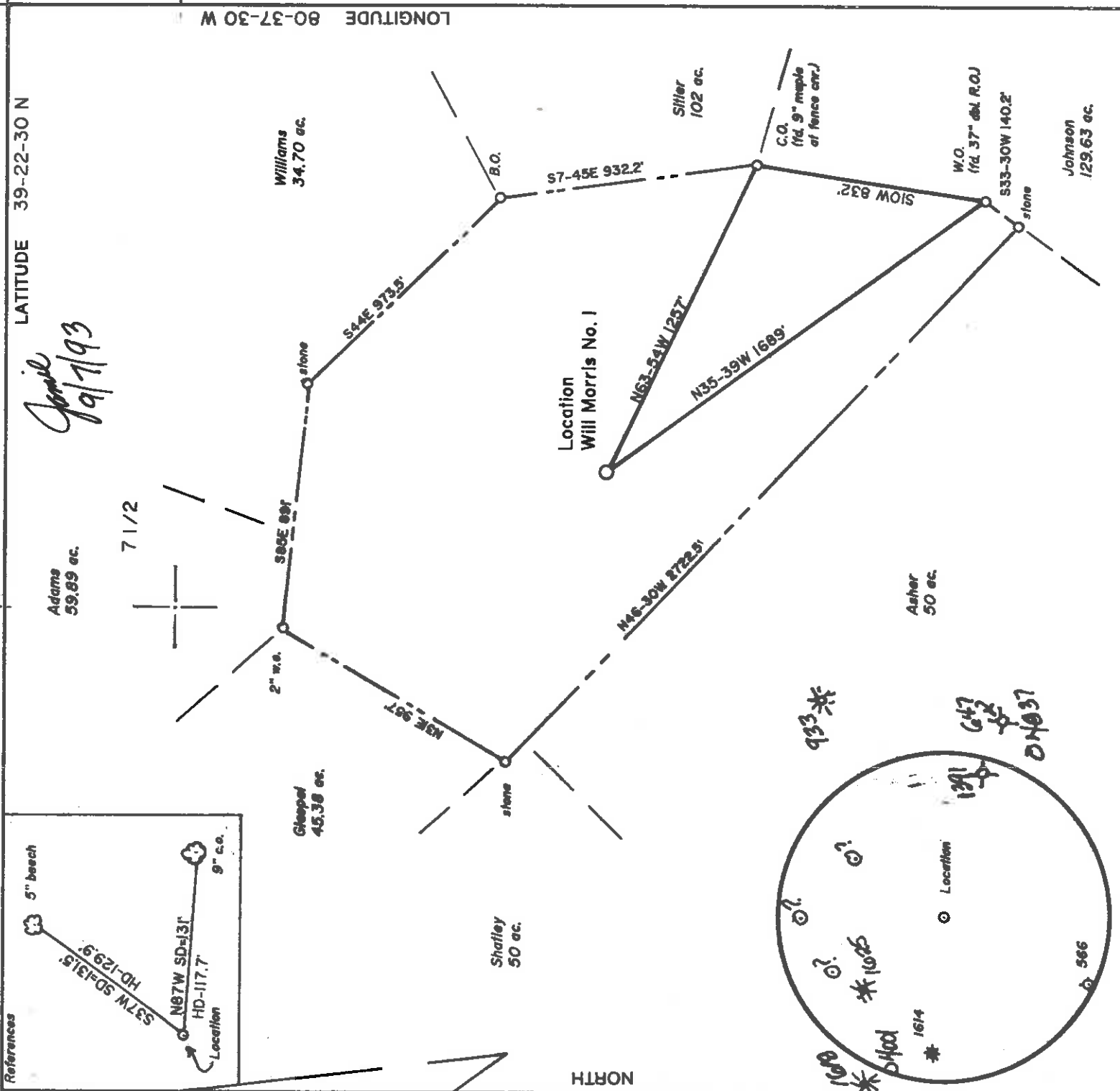
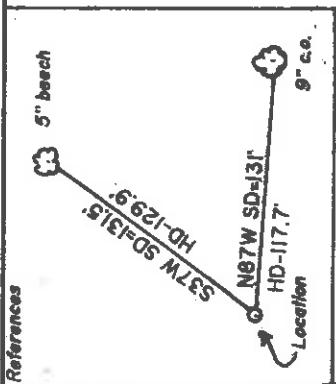
DEC 1 4 1994

2450

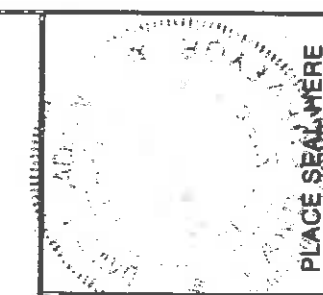
8725

LATITUDE 39-22-30 N

LONGITUDE 80-37-30 W



Janice
9/17/93



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) David B. Jackson
R.P.E. L.S. 708

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Road junction 3,500'
NW of Location: elev. 859'

STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE August 16, 19 93
OPERATOR'S WELL NO. Will Morris No. 1
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1022, WATERSHED Riggins Run
DISTRICT McClellan COUNTY Doddridge
QUADRANGLE Smithburg 7 1/2
SURFACE OWNER James D. Williams et ux
OIL & GAS ROYALTY OWNER Will E. Morris et al LEASE NO. 474500
ACREAGE 74

PROPOSED WORK: DRILL CONVERT 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 Benson ESTIMATED DEPTH 5000'
WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns
ADDRESS P.O. Box 26, Bridgeport, WV 26330

COUNTY NAME _____ PERMIT _____



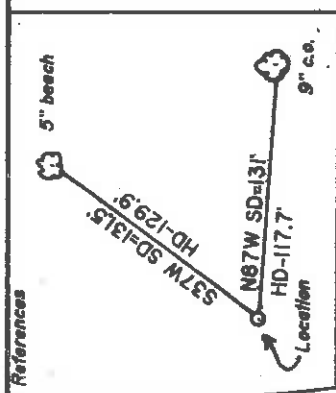
PLACE SEAL HERE

47-017-4041-P
5 ppw 4/73

2450

LATITUDE 39-22-30 N

LONGITUDE 80-37-30 W



Adams 59.89 ac.

7 1/2

Glappol 45.38 ac.

865E 891

Williams 34.70 ac.

2" w.e.

Shalley 50 ac.

N3E 937

stone

B.O.

S44E 973.8'

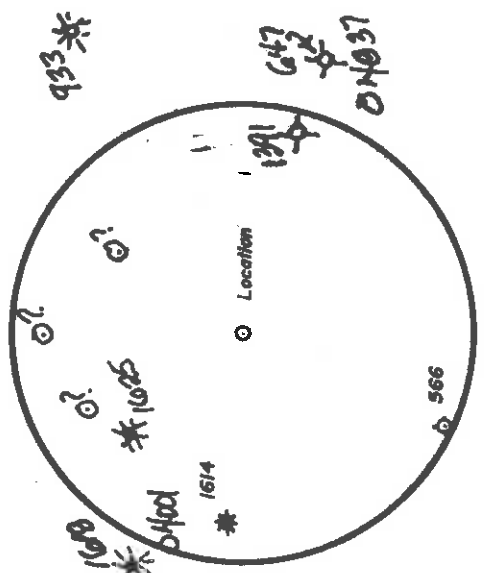
Location Will Morris No. 1

S7-45E 932.2'

N46-30W 2722.5'

N63-54W 1237'

Siller 102 ac.



Asher 50 ac.

3.33
3.88

W.O. (fd. 37" db. R.O.)

S33-30W 140.2'

Johnson 129.63 ac.

S10W B32

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road junction 3,500'
NW of Location: elev. 859'

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) David Z. Jackson
 R.P.E. L.L.S./ 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE August 16, 19 93
 OPERATOR'S WELL NO. Will Morris No. 1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW
 LOCATION: ELEVATION 1022 WATERSHED Riggins Run
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Smithsburg 7 1/2 Contemporary C
 SURFACE OWNER James D. Williams et ux
 OIL & GAS ROYALTY OWNER Will E. Morris et al LEASE ACREAGE 74

PROPOSED WORK: DRILL CONVERT DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 LEASE NO. 474500
 STATE 47 COUNTY 017 PERMIT 654173

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION Benson ESTIMATED DEPTH 5000'
 WELL OPERATOR Petroleum Development Corp. 667 DESIGNATED AGENT Eric R. Stearns
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

COUNTY NAME _____ PERMIT _____
 STATE _____ COUNTY _____ ACREAGE 74
 LEASE ACREAGE 74
 DATE August 16, 19 93
 OPERATOR'S WELL NO. Will Morris No. 1
 API WELL NO. _____
 STATE 47 COUNTY 017 PERMIT 654173

SEP 10 1993

RECEIVED
OFFICE OF OIL AND GAS

FEB 27 1997

12-Dec-94
API # 47- 17-04173 W

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

Was 4041

WV Division of
Environmental Protection

Well Operator's Report of Well Work

Operator: WILLIAMS, JAMES & DOROTHY Operator Well No.: MORRIS #1

LOCATION: Elevation: 1,022.00 Quadrangle: SMITHBURG

District: MCCLELLAN
Latitude: 2450 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 8725 Feet West of 80 Deg. 37 Min. 30 Sec.

County: DODDRIDGE
Deg. 22Min. 30 Sec.
Deg. 37 Min. 30 Sec.

Company: ANVIL OIL CO., INC.

P. O. BOX 1230
FAIRMONT, WV 26554-1230

Agent: JUSTIN L. HENDERSON

Inspector: MIKE UNDERWOOD
Permit Issued: 12/14/94
Well work Commenced: 02/13/95
Well work Completed: 06/19/95
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet) 5258'
Fresh water depths (ft) _____

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal depths (ft): _____

OPEN FLOW DATA

Casing & Tubing Size	Used in	Left in Well	Cement Fill Up Cu. Ft.
1 3/4"	161'	161'	Surface
8 5/8"	1635'	1635'	Surface
4 1/2"	5188'	5188'	200cf + 3946

Producing formation Benson
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 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

Second producing formation Balltown
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 325 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure 1750 psig (surface pressure) after 48 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: ANVIL OIL CO., INC.

By: Justin L. Henderson

Date: 2-21-95

FEB 28 1997

Book of WR-35

Perforations 5 Allegheny Wireline Svcs:

RECEIVED GAS-1) Benson - 15 holes @ 2/ft - 5111' to 5118'

OFFICE OF OIL AND GAS 2) Balltown - 15 holes - 4000, 41, 49, 54, 57, 73,

FEB 27 1997 76, 84, 86, 88, 91, 94, 97,

Environmental Protection

4101, 4109

Fracturing 3 NDUSCD Well Service, Inc.:

1) Benson - 75% Foam

5,000[#] 10/20 + 40,000[#] 20/40

2) Balltown - 75% Foam

5,200[#] 10/20 + 40,000[#] 20/40

Geologic Record (only gel or cement noted during redrill !!!)

0 - 100' Cement

100' - 1565' Gel

1565' - 1660' Cement

1660' - 1920' Gel

1920' - 2115' Cement

2115' - 3318' Gel

3318' - 3420' Cement

3420' - 5008' Gel

5008' - 5100' Cement

5100' - 5258' Gel

017-4041-4173

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

Well Operator: Petroleum Development Corporation 38200 5 611

Operator's Well Number: Wm. Morris #1 1245'

Well type: (a) Oil ___ / or Gas ___ /
(b) If Gas: Production ___ / Underground Storage Shallow ___ /
Deep ___ / Benson Sand 435'

- 5) Proposed Target Formation(s):
- 6) Proposed Total Depth: 5300 feet
- 7) Approximate fresh water strata depths: 20', 165', 395'
- 8) Approximate salt water depths: 1175', 1260', 1365', 1615'
- 9) Approximate coal seam depths: 40, 210', 515', 765'

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

11) Proposed Well Work: Drill & stimulate new well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4"	H-40	42#	30'/150'	-/150'	surface
Fresh Water						
Coal						
Intermediate	8 5/8"	H-40	20#/23#	850'/1650'	850'/1650'	Surface
Production	4 1/2"	J-55	10.5#	5300'	5300'	450 sks
Tubing						
Liners						

PACKERS : Kind
Sizes
Depths set

05822/16
11/22/16

Fee(s) paid: [Signature]
Plat [Signature] WW-9 [Signature] WW-2B [Signature] Bond [Signature] C.D. [Signature] Agent (Type)

FOR DIVISION OF OIL AND GAS-USE ONLY
Reclamation Fund [Signature] WPCP

RECEIVED
Environmental Protection

AUG 2 5 93
Permitting

1) Date: August 17, 1993
2) Operator's well number
William Morris #1
3) API Well No: 47 - 017 - 4041
State - County - Permit

Office of Oil & Gas STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name James D. & Dorothy Williams
 - Address 1408 Shanks Downs
Windham, OH 44288
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
- Name _____
 - Address _____
 - (b) Coal Owner(s) with Declaration
Name N/A
 - Address _____
 - 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 XXX. 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.

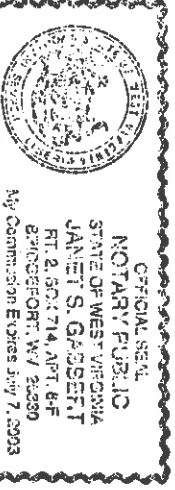
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true,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

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

Well Operator _____

PETROLEUM DEVELOPMENT CORPORATION
Geologist [Signature]

BY: _____
Its: _____
Address _____
P O Box 26
Bridgeport, WV 26330



Subscribed and sworn before me this 18th day of August, 1993

My commission expires Janet S. Gauseff July 7th, 2003 Notary Public

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

64173

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: WILLIAMS, JAMES & DOROTHY Operator Well No.: WILL MORRIS 1

LOCATION: Elevation: 1,022.00 Quadrangle: SMITHBURG
District: MCCLELLAN County: DODDRIDGE
Latitude: 2450 Feet South of 39 Deg. 22 Min. 30 Sec.
Longitude: 8725 Feet West of 80 Deg. 37 Min. 30 Sec.

Well Type: OIL GAS X

Company: Petroleum Development Corporation

Coal Operator no declaration
or Owner

PO Box 26, 103 East Main Street
Bridgeport, WV 26330

Agent: Eric R. Stearns

Coal Operator
or Owner

Permit Issued: 11/01/93

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Doddridge

ss:

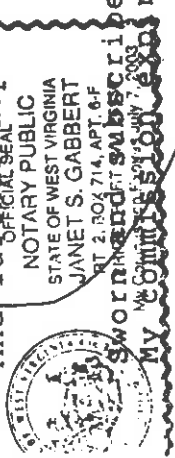
Wallace Darden and Nowsco
first duly sworn according to law depose and say that they are experienced
in the work of plugging and filling oil and gas wells and were employed by
the above named well operator, and participated in the work of plugging
and filling the above well, and Mike Underwood Oil and
Gas Inspector representing the Director, say that said work was
commenced on the 10th day of October, 1993, and that
the well was plugged and filled in the following manner:
TO PIPE REMOVED LEFT

TYPE	FROM	TO
6% gel	5292	5150
Class A cement	5150	5050
5% gel	5050	3550
Class A cement	3550	3450
6% gel	3450	2200
Class A cement	2200	2000
6% gel	2000	1685
Class A cement	1685	1585
6% gel	1585	100

Class A cement 100

Description of monument: 8 5/8" csg approximately 3' with API# & 2" vent
and that the work of plugging and filling said well was completed on
the 20th day of October, 1993.

and full deponents saith not.



NOTARY PUBLIC
STATE OF WEST VIRGINIA
JANET S. GABBERT
RT 2, BOX 714, APT. 6-F
MARTINSBURG, WV 26157

Eric R. Stearns

JUL 28 1994

day of July, 1994

before me this 18th day of July, 1994

res: July 7, 2003

Notary Public

Oil and Gas Inspector:

7-19-94

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Permitting
Office of Oil & Gas

WELL WORK PERMIT APPLICATION

1) Well Operator: Anvil Oil Co. 2275 5 611
2) Operator's Well Number: W11 E. Morris #1 3) Elevation: 1022

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

5) Proposed Target Formation(s): Benson 435

6) Proposed Total Depth: 5250 feet

7) Approximate fresh water strata depths: n/a

8) Approximate salt water depths: 2074

9) Approximate coal seam depths: n/a

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

11) Proposed Well Work: Redrill plugged and abandoned well

12) 11-3/4 and 8-5/8 are existing and cemented casing strings
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4			167	167	105 sks.
Fresh Water						
Coal						
Intermediate	8-5/8			1635	1635	415 sks
Production	4-1/2			5250	5200	300 sks
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

11/14/94
For Divison of Oil and Gas Use Only
Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Security Agent
(Type)

RECEIVED

WV Division of

Environmental Protection

Page 1 of _____
Form WV2-A
(09/87)
File Copy

NOV 28 1994

Permitting
Office of Oil & Gas

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

1) Date: 11-8-94
2) Operator's well number 017-4173
Morris #1
3) API well No: 47 - 017 - ~~4041-P~~
State - County - Permit

4) Surface Owner(s) to be served: 5) (a) Coal Operator:

(a) Name James D. & Dorothy Williams Name _____
Address 1408 Shanks Downs Address _____
Wincham, Ohio 44288

(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____

(c) Name _____ (c) Coal Lessee with Declaration
Address _____ Name _____
Address _____

6) Inspector Mike Underwood (c) Coal Lessee with Declaration
Address Route 2, Box 135 Name _____
Salem, WV 26426 Address _____
Telephone (304) - _____

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.

Well Operator JANVIL OIL CO.
By: _____
Its: Geologist
Address 1006 Locust Ave
Fairmont, WV 26554
Telephone (304) 363-1362

Subscribed and sworn before me this 31st day of November, 1994
Belinda Boyer Notary Public
My commission expires 11/12/2000