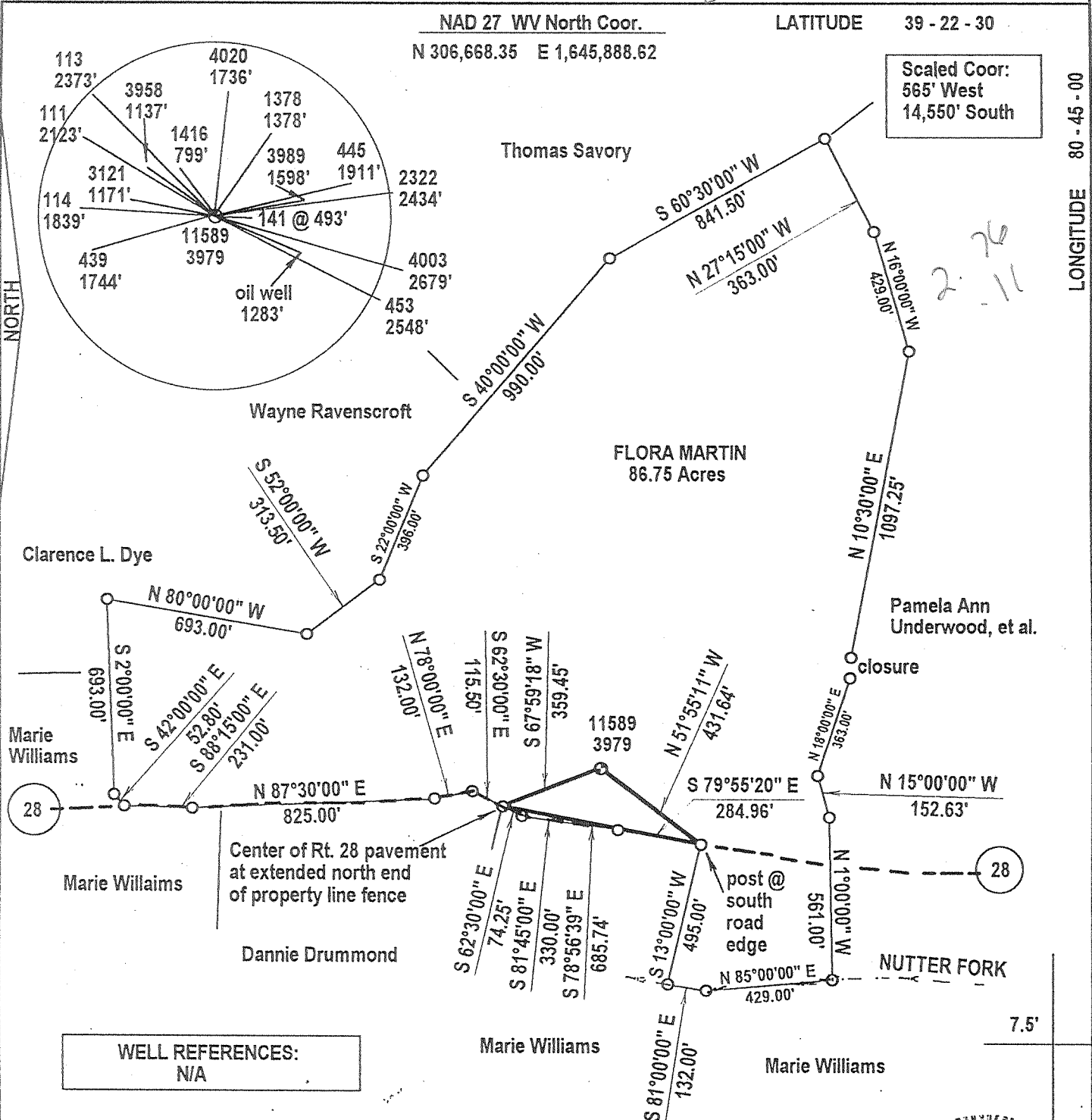


NAD 27 WV North Coor.

LATITUDE 39 - 22 - 30

N 306,668.35 E 1,645,888.62

Scaled Coor:
565' West
14,550' South



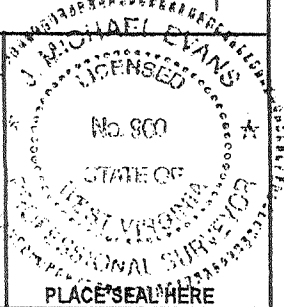
WELL REFERENCES:
N/A

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

FILE NUMBER: _____
 DRAWING NUMBER: _____
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: GPS Survey (submeter)

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) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506
 FORM WW-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: July 26, 2001
 OPERATORS WELL NO.: 11589

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 975' WATERSHED Nutter Fork
 DISTRICT West Union COUNTY Doddridge
 QUADRANGLE West Union

API WELL NO. 47 - 017 - 3979 F
 STATE COUNTY PERMIT

SURFACE OWNER Marie Williams ACREAGE 68.6
 OIL & GAS ROYALTY OWNER Flora Martin LEASE ACREAGE 86.75

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) REWORK
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION ESTIMATED DEPTH

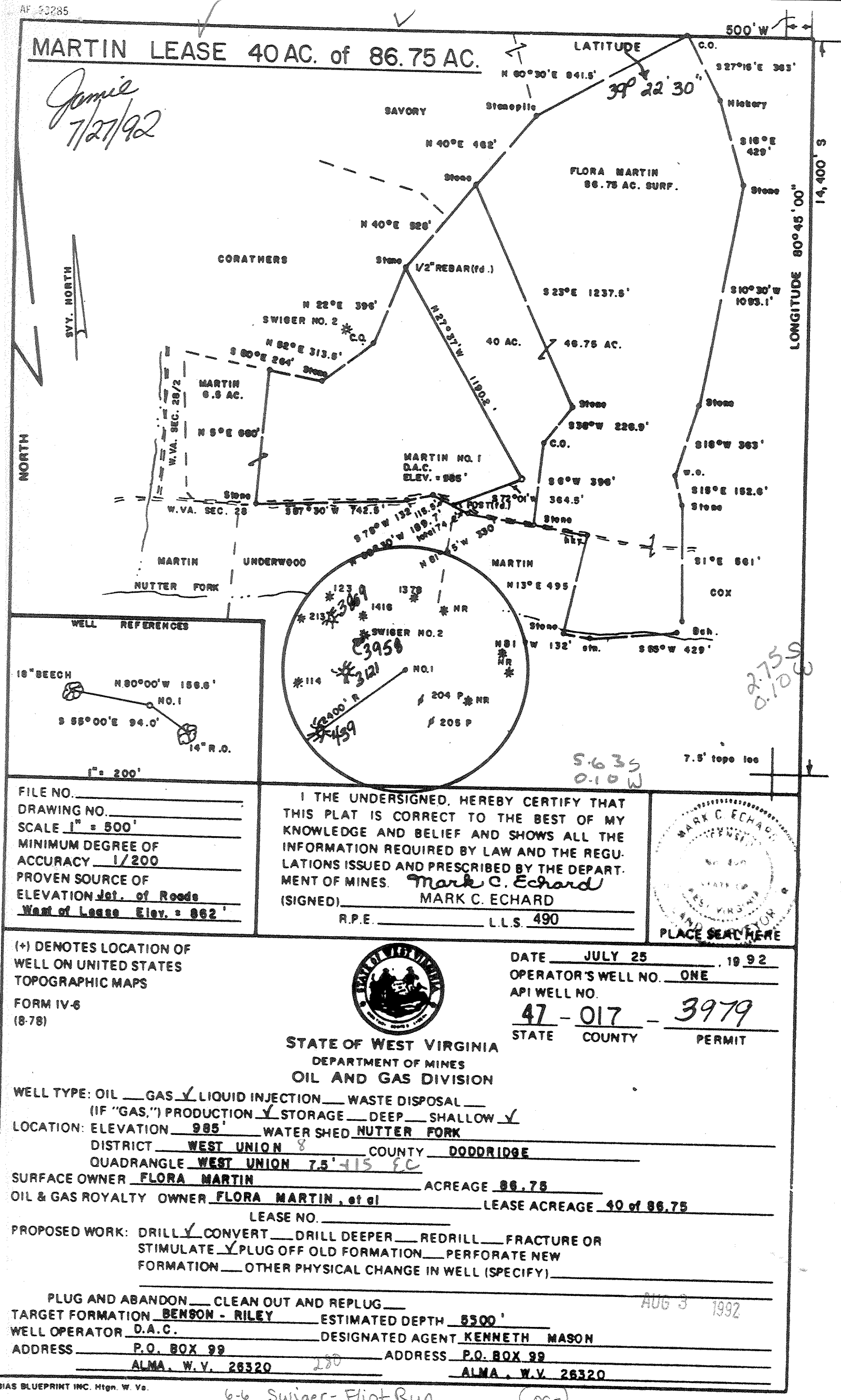
WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT Rodney J. Biggs
 ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

LONGITUDE 80 - 45 - 00

COUNTY NAME PERMIT

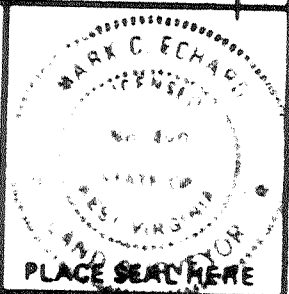
D000 3979 F

SEP 28 2001



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Det. of Roads
West of Lease Elev. = 982'

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. Mark C. Echard
 (SIGNED) _____ MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE JULY 25, 1992
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-017-3979
 STATE WEST VIRGINIA COUNTY BOYD PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 985' WATER SHED NUTTER FORK
 DISTRICT WEST UNION 8 COUNTY BOYD
 QUADRANGLE WEST UNION 7.5-415 EC
 SURFACE OWNER FLORA MARTIN ACREAGE 86.75
 OIL & GAS ROYALTY OWNER FLORA MARTIN, et al LEASE ACREAGE 40 of 86.75
 LEASE NO. _____
 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 BENSON - RILEY ESTIMATED DEPTH 5500'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, W.V. 26320 ADDRESS ALMA, W.V. 26320

AUG 3 1992

6-6 Swiger - Flint Run (cont)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

MB

Well Operator's Report of Well Work

Farm name: Williams, Marie Operator Well No.: Martin #1 (11589) REWORK

LOCATION: Elevation: 975' Quadrangle: West Union

District: West Union County: Doddridge
Latitude: 14,550 Feet South of 39 Deg. 212 Min. 30 Sec.
Longitude 565 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Mike Underwood				
Date Permit Issued: 09/26/2001		See Original	WR-35 for	Existing
Date Well Work Commenced:		Casing	program	
Date Well Work Completed: 11-02-2001				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

RECEIVED
 Office of Oil & Gas
 Permitting
 DEC 12 2001
 WV Department of
 Environmental Protection

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2696-3714'
 Gas: Initial open flow -- MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 253 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 12 Hours
 Static rock Pressure 30 psig (surface pressure) after 12 Hours
 * Comingled with previous WR-35 formation(s)
 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.

Signed: _____
 By: Rodney J. Biggs
 Date: 12/7/01

MR ~~DEC 12 2001~~

DEC 14 2001

Dodd 3979 F

COMPANY/WELL NO.: MARTIN #1 11589

11/02/01 PLAN TO FRAC TODAY.

12/03/2001

PERFED AND FRACED AS FOLLOWS:

GORDON, 2696 - 2714', 16 HOLES, BD 2175#, AVG RATE 17 BPM, AVG PRESS

2778#, 326 BBLs, TOT SAND

20,900#, ISIP 3500#

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

Well Operator's Report of Well Work

Farm name: MARTIN, FLORA Operator Well No.: MARTIN #1

LOCATION: Elevation: 985.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 14400 Feet South of Deg. Min. Sec.
Longitude 500 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: DRILLING APPALACHIAN CORP
P. O. BOX 99
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD
Permit Issued: 07/27/92
Well work Commenced: 7/29/92
Well work Completed: 8/6/92
Verbal Plugging
Permission granted on: N/A
Rotary y Cable _____ Rig
Total Depth (feet) 5152
Fresh water depths (ft) 200

Salt water depths (ft) 1800

Is coal being mined in area (Y/N)?
Coal Depths (ft): No

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			CTS
8-5/8"	1147	1147	250 sks
4-1/2"		5097	300 sks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5003-5007
Gas: Initial open flow 10 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 300 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 1425 psig (surface pressure) after 24 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: DRILLING APPALACHIAN CORP.

By: Kenneth R. Mason
Date: 8-24-92

SEP 8 1992

Perforated at 5003'-5007', 16 shots, Fraced with 10,000# 80/100
 40,000# 20/40 sand, 20# gel water, 82,000 SCF Nitrogen Gas.
 Formation Break at 1900 psi, avg treatment pressure, 2626 psi,
 avg fluid rate, 24.38 bbl /min, ISIP, 1940 psi, 586 bbl water.

Permian		
Sands/Shales	0	500
Pennsylvanian		
Sands/Shales	500	1900
Big Lime	1916	1970
Shale/Limestone	1971	1991
Keener Sand	1992	1996
Shale	1997	2006
Big Injun	2007	2125
Shale/Siltstone	2126	2255
Weir	2256	2338
Shale/Siltstone	2339	2457
Gantz Sands	2458	2474
Shale/Siltstone	2475	2693
Gordon Sands	2694	2715
Shale/Siltstone	2716	3353
Warren	3354	3383
Shale/Siltstone	3384	4513
Riley	4514	4587
Shale/Siltstone	4588	4996
Benson	4997	5004
Shale/Siltstone	5005	5152
Total Depth		5152

show of gas

14006

017-3979

Issued 7/27/92
Page 4 of 5

Expires 7/27/94

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

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION
- 2) Operator's Well Number: Martin 1 3) Elevation: 985'
- 4) Well type: (a) Oil X/ or Gas X/
(b) If Gas: Production X/ Underground Storage /
Deep / Shallow X/
- 5) Proposed Target Formation(s): Benson/Riley
- 6) Proposed Total Depth: 5500'± feet
- 7) Approximate fresh water strata depths:
- 8) Approximate salt water depths: OK
- 9) Approximate coal seam depths:
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: Drill, perforate, stimulate new formation
- 12) New Well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"	H-40	42#	30	0'	<u>D.K. McE</u>
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	20#	1100'	1100'	CTS-38CSR18-11.3 CTS-38CSR18-11.2
Production	4-1/2"	J-55	10.5#	5120'	5120'	CTS-38CSR18-11.1
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

008517
37

(Type)

1) Date: July 24, 1992
2) Operator's well number
Martin 1
3) API Well No: 47 - 17 - 3979
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 Flora Martin
Address c/o Homer Martin
West Union, West Virginia
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Rte 2, Box 135
Salem WV 26426
Telephone (304)- 782-1043
5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

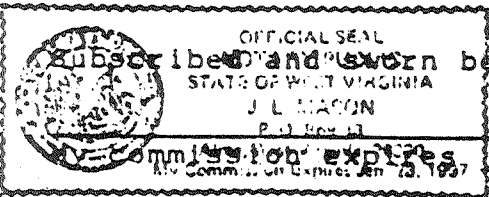
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
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 5 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 DRILLING APPALACHIAN CORPORATION
By: Kenneth P. Hlason
Its: President
Address P. O. Box 99
Alma, WV 26320-0099
Telephone 304/758-4638

Subscribed and sworn before me this 24th day of July, 19 92



Jan. 28, 1997 Notary Public