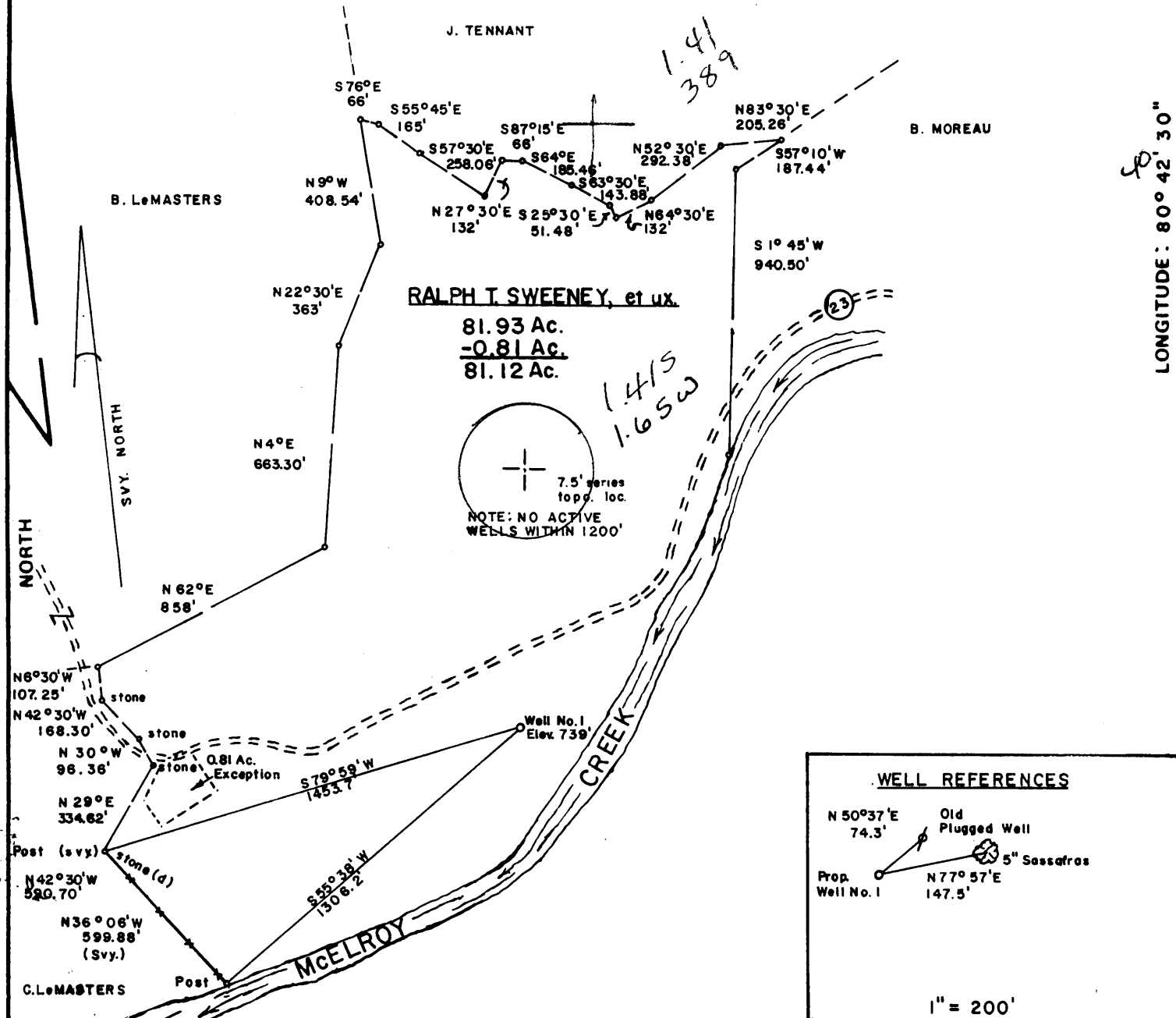


Janie 2/24/89

RALPH T. SWEENEY, et ux. - 81.12 Ac.



7.5' series topog. loc.
 NOTE: NO ACTIVE WELLS WITHIN 1200'

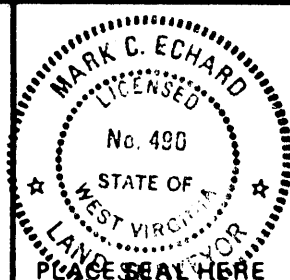
WELL REFERENCES

N 50° 37' E 74.3' Old Plugged Well
 Prop. Well No. 1 N 77° 57' E 147.5' 5" Sassafras

1" = 200'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top of Knob Elev. 847' 2300' ± SW of Loc.

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 FEBRUARY 21, 19 89
 OPERATOR'S WELL NO. ONE
 API WELL NO. _____
47 - 095 - 1284
 STATE COUNTY PERMIT

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

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 739' WATER SHED McELROY CREEK
 DISTRICT McELROY S COUNTY TYLER
 QUADRANGLE CENTER POINT 7.5' 286 0224 +15' WC
 SURFACE OWNER RALPH T. SWEENEY, et ux. ACREAGE 81.12 Ac.
 OIL & GAS ROYALTY OWNER RALPH T. SWEENEY, et ux. LEASE ACREAGE 81.12 Ac.
 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 5100'
 WELL OPERATOR D. A.C. 280 DESIGNATED AGENT KENNETH MASON MAR. 03 1989
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, W.V. 26320 ALMA, W.V. 26320

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

Well Operator's Report of Well Work

Farm name: SWEENEY, RALPH & SHELLEY Operator Well No.: SWEENEY 1

LOCATION: Elevation: 739.00 Quadrangle: CENTER POINT

District: MCELROY County: TYLER
Latitude: 7400 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude 8760 Feet West of 80 Deg. 42 Min. 30 Sec.

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

Agent: KENNETH R. MASON

Inspector: GLEN P. ROBINSON
Permit Issued: 02/27/89
Well work Commenced: MARCH 2, 1989
Well work Completed: MARCH 9, 1989
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 5000 (DRILLER)
Fresh water depths (ft) 60;
Salt water depths (ft) 1100, 1950

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	100	100	to surface
8 5/8	1680	1680	to surface

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 4832-38
Gas: Initial open flow - MCF/d Oil: Initial open flow - Bbl/d
Final open flow 150 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 550 psig (surface pressure) after 18 Hours

Second producing formation RILEY Pay zone depth (ft) 4354-44/8
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

INCLUDED IN BENSON

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 Mason
Date: 3/27/89 MAR 31 1989

GEOLOGICAL WELL RECORD DATA

PERMIT NUMBER: 47-095-1284

	TOP	BOTTOM	
SOIL	0	30	
BROKEN SAND	30	150	
SAND AND SHALE	150	950	
DUNKARD SAND	950	1000	
1ST SALT SAND	1100	1175	
2ND SALT SAND	1250	1350	
3RD SALT SAND	1410	1490	
MAXON	1570	1600	
BIG LIME	1670	1786	
BIG INJUN	1798	1935	
WEIR	2078	2160	
BEREA CAP	2251		
GANTZ	2282	2286	
GANTZ	2298	2301	
GORDON	2496	2526	
WARREN	3158	3206	
RILEY	4354	4418	GAS
BENSON	4758	4762	GAS
BENSON	4832	4838	GAS
TOTAL DEPTH	5000		

WELL TREATMENT SCHEDULE

Benson Sand 4832 - 4836 Perforated with 16 hoels

Formation Break Down 3220 PSI

Hydraulic frac with Nitrogen assist.
 Average Treating Rate 20 barrels/Min
 400 barrels of gel treated water
 200 sack of 20/40 Sand

Average Treating Pressure 2650 PSI

Riley 4354 - 4418 Perforated with 15 holes

Formation Break Down 2520 PSI

Hydraulic frac with Nitrogen assist.
 Average Treating Rate 20 Barrels/Min
 200 barrels of gel treated water
 100 sacks of 20/40 Sand

8344

MAR 31 1989

1094 095-1284
 Issued 2/27/89
 Expires 2/27/91
 Page 3 of

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

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION 144255, 286
- 2) Operator's Well Number: SWEENEY #1 3) Elevation: 739'
- 4) Well type: (a) Oil / or Gas
 (b) If Gas: Production / Underground Storage
 Deep / Shallow
- 5) Proposed Target Formation(s): Benson/Riley
- 6) Proposed Total Depth: 5,300± feet
- 7) Approximate fresh water strata depths: 200', 96, 125'
- 8) Approximate salt water depths: OK possibly @ 1400'
- 9) Approximate coal seam depths: none 244'-251'; 493-496'
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 11) Proposed Well Work: Drill, perforate, stimulate new formation New Well
- 12)

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	27#	100'	100'	38CSR18-11.2
Fresh Water						38CSR18-11.3
Coal						
Intermediate	8-5/8"	J-55	23#	1625'	1625'	"
Production	4-1/2"	J-55	10½#	4900'	4900' ←	38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
 FEB 24 1989

3045
 H
 JH

For Division of Oil and Gas Use Only

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

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

RECEIVED
FEB 24 1989

Page 1 of 5
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: Feb. 20, 1989
Operator's well number
SWEENEY #1
API Well No: 47 - 095 - 095-1284
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:
- (a) Name Ralph Sweeney and Shelley Sweeney Name ---
Address Shirley, WV 26434 Address _____
- (b) Name --- (b) Coal Owner(s) with Declaration
Address _____ Name ---
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Glen P. Robinson (c) Coal Lessee with Declaration
Address Rt 1, #6 Mt. Pleasant Estates Name ---
Mineral Wells WV 26150 Address _____
Telephone (304)- 489-9162

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)

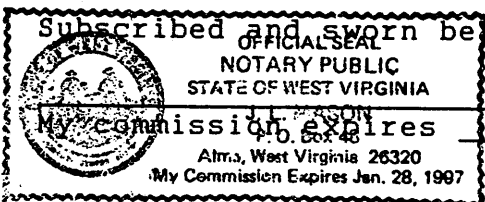
I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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 R. Mason
Its: President
Address PO Box 99, Alma, WV 26320

Telephone (304) 758-4638
Subscribed and sworn before me this 20th day of Feb., 1989



Jan. 28, 1997

Notary Public

Rev (5-01)
WR-38
DATE:

095
API # 47 000 01284P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, 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: Fragman, Ronald C. Operator Well No.: R. Sweeney #1 11756

LOCATION: Elevation: 739' Quadrangle: Center Point 7.5'
District: McElroy County: Tyler
Latitude: 7400 Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude: 8760 Feet West of 80 Deg. 42 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Dominion Exploration & Production, Inc Coal Operator Forest C. Moore, Jr
P O Box 12248 or Owner H C 67 Box 157
Jane Lew, WV 26378 West Union, WV 26456

Agent: Brian Sheppard Coal Operator _____
or Owner _____

Permit Issued Date: 1-13-2000

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Tyler ss:

David L. Johnson being 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 9th day of November, 2001, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CEMENT	2527	1480		
GEL	1480	1449	4 1/2' 1449'	4 1/2" 3440'
CEMENT	1449	1311		
GEL	1311	128		
CEMENT	128	SURFACE		

Description of monument: 6" Tag w. 1/4" x 12" x 12" plate w/ well no., name, API no., date and that the work of plugging and filling said well was completed on the 12th day of November, 2001.

And further deponents saith not.

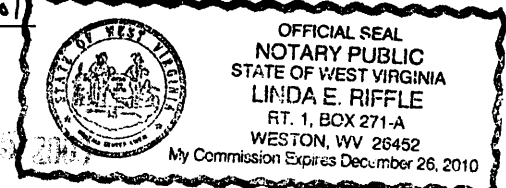
David L. Johnson

Sworn and subscribe before me this 26th day of November, 192001

My commission expires: December 26, 2010
Linda E. Riffle
Notary Public

Oil and Gas Inspector: Jim Barnett 11-18-03

Office of Chief
NOV 25 2003
WV Department
Environmental Protection



TYL 1284P