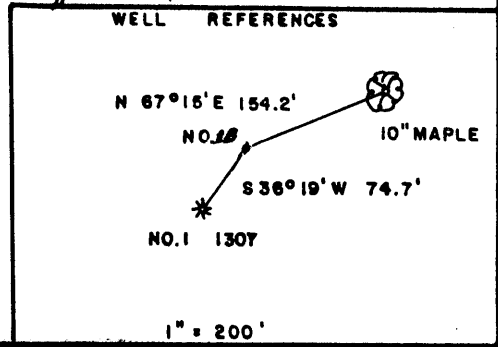
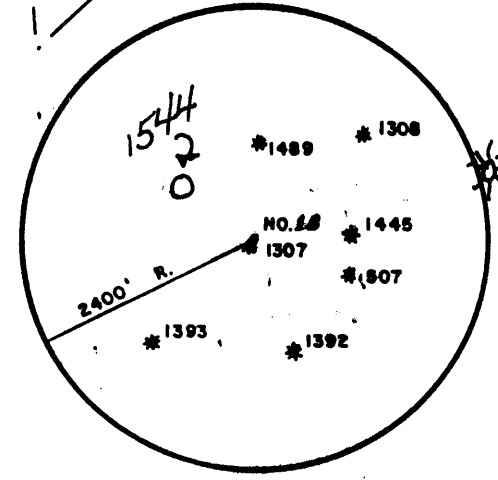
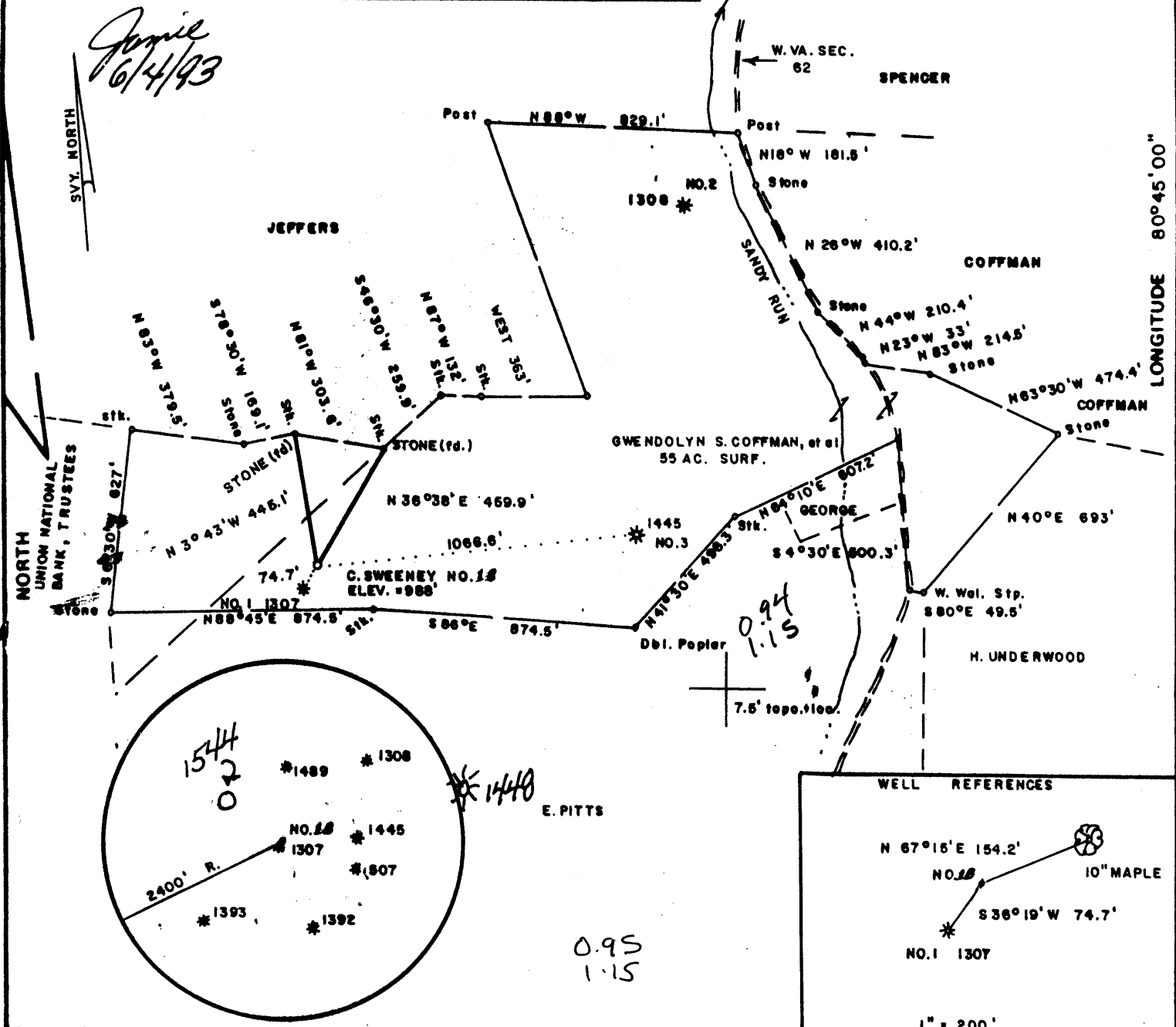


CLARA SWEENEY HRS. 55 AC. ±

LATITUDE 39°25'00"

LONGITUDE 80°45'00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. NORTH EAST OF LEASE ELEV. = 733'

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.
 (SIGNED) Mark C. Echard
 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 MAY 21, 19 93
 OPERATOR'S WELL NO. ONE-B
 API WELL NO. 47-095-1540
 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 988' WATER SHED SANDY RUN
 DISTRICT McELROY 5 COUNTY TYLER
 QUADRANGLE SHIRLEY West U. EC
 SURFACE OWNER GWENDOLYN SWEENEY COFFMAN ACREAGE 55
 OIL & GAS ROYALTY OWNER GWENDOLYN SWEENEY COFFMAN, et al LEASE ACREAGE 55
 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 GORDAN ESTIMATED DEPTH 2990'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, W.VA 26320 ADDRESS P.O. BOX 99 ALMA, W.VA. 26320

JUL 26 93

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: COFFMAN, GWENDOLYN Operator Well No.: C. SWEENEY 1-B

LOCATION: Elevation: 988.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER
Latitude: 10100 Feet South of 39 Deg. 25Min. Sec.
Longitude 5990 Feet West of 80 Deg. 45 Min. Sec.

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

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD
Permit Issued: 06/07/93
Well work Commenced: 6/7/93
Well work Completed: 6/10/93
Verbal Plugging _____
Permission granted on: _____
Rotary Cable _____ Rig _____
Total Depth (feet) 2250'
Fresh water depths (ft) 180'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9-5/8"	130'	130'	50sks CTS
7"	1907'	1907'	290sks CTS

Salt water depths (ft) 1750'

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

OPEN FLOW DATA

Producing formation Big Injun Sand Pay zone depth (ft) 2048-54
Gas: Initial open flow 119 MCF/d Oil: Initial open flow 0 Bbl/c
Final open flow 119 MCF/d Final open flow 0 Bbl/c
Time of open flow between initial and final tests Natural Hours:
Static rock Pressure 130 psig (surface pressure) after 72 Hours:

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
Final open flow _____ MCF/d Final open flow _____ Bbl/c
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.

Reviewed TM6
Recorded _____

For: DRILLING APPALACHIAN CORP.
By: Kenneth R. Mason JUN 06 1993
Date: 7-22-93

The well was completed as a natural flowing well from the
Big Injun Sand

371

Permian	0	500
Sands/Shales		
Pennsylvanian		
Sands/Shales	501	1900

Big Lime	1901	1964	
Shale	1965	1985	
Big Injun Sand	1986	2124	show gas at 2050'
TD		2250	

DF 372
DF-371

47-095-1540 ORIGINAL

Issued 06/07/95
Expires 06/07/95
Page 2 of 4

FORM WW-2B

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

17354

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION 14425 (5) 606
- 2) Operator's Well Number: C: SWEENEY 1-B 3) Elevation: 988'
- 4) Well type: (a) Oil X / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow X /
- 5) Proposed Target Formation(s): Gordon
- 6) Proposed Total Depth: 2990± feet
- 7) Approximate fresh water strata depths:
- 8) Approximate salt water depths:
- 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)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	9-5/8"		26#	120'	120'	CTS
Fresh Water						<u>OK M.L.L.</u>
Coal						
Intermediate	7"	J-55	17#	1900'	1900'	38CSR18-11.3
Production	3 1/2"	J-55	9.2#	2950'	2950'	38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind
Sizes
Depths set

009401 / 10

For Division of Oil and Gas Use Only

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

ORIGINAL

1) Date: May 26, 1993
2) Operator's well number C. SWEENEY 1-B
3) API Well No: 47 - 095 - 1540
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Gwendolyn Coffman</u>
Address _____</p> <p>(b) Name <u>LaMoynne Sweeney</u>
Address <u>Route 9, Box 83A</u>
<u>Parkersburg, WV 26101</u></p> <p>(c) Name <u>Bayard Sweeney, Jr.</u>
Address <u>807 17th St.</u>
<u>Vienna, WV 26105</u></p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u>
Address <u>Route 2, Box 135</u>
<u>Salem, WV 26426</u>
Telephone (304)- <u>782-1043</u></p> | |

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)

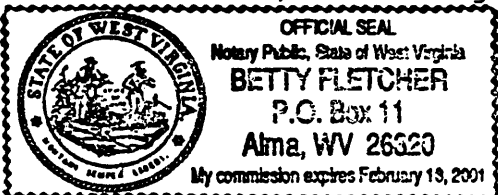
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- _____ 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: [Signature]
 Its: President
 Address P. O. Box 99, Alma, WV 26320
 Telephone 304/758-4638

Subscribed and sworn before me this 26th day of May, 1993

My commission expires February 13, 2001 [Signature] Notary Public