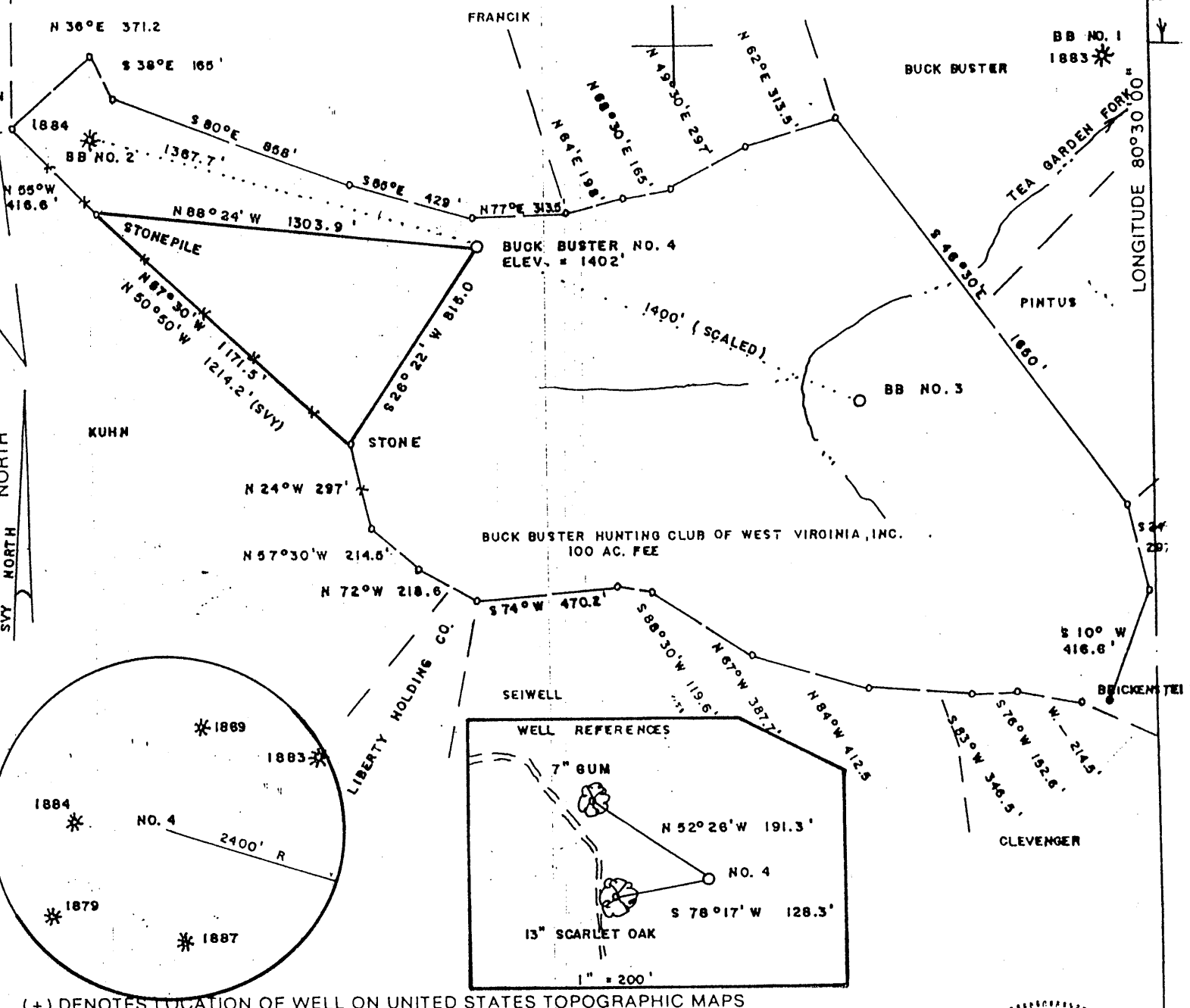


6450' W

LATITUDE 39° 37' 30"

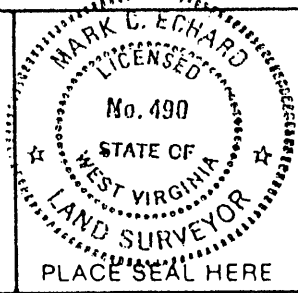
BUCK BUSTER LEASE 100 AC.



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 WEST OF LEASE ELEV = 1635'

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) Mark C. Echard
 R.P.E. _____ L.L.S. 490



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

DATE AUGUST 12, 2002
 OPERATOR'S WELL NO. BUCK BUSTER NO. 4
 API WELL NO. 47-103-01890
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1402' WATERSHED TEA GARDEN FORK
 DISTRICT MIRCH COUNTY WETZEL
 QUADRANGLE BIG RUN 7.5'

SURFACE OWNER BUCK BUSTER HUNTING CLUB OF WEST VIRGINIA, INC. ACREAGE 100
 OIL & GAS ROYALTY OWNER BUCK BUSTER HUNTING CLUB OF WV, INC. LEASE ACREAGE 100
 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 SPEECHLEY ESTIMATED DEPTH 3900'
 WELL OPERATOR D.A.C. DESIGNATED AGENT MR. KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, WV 26320 ALMA, WV 26320

COUNTY NAME WETZEL
PERMIT 1890

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

ky

Well Operator's Report of Well Work

Farm name: WV Hunting Club

Operator Well No.: Buck Buster #4

LOCATION: Elevation: 1402'

Quadrangle: Big Run 7.5'

District: Church

County: Wetzel

Latitude: 2.800 Feet South of

39 Deg. 37 Min. 30 Sec.

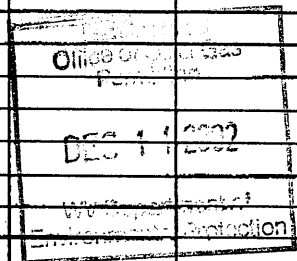
Longitude 6.450 Feet West of

80 Deg. 30 Min. 00 Sec.

Company:

Drilling Appalachian Company

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
P.O. Box 99 Alma WV 26320	9 5/8	225	215	68sks
Agent: Kenneth Mason				
Inspector: Steve Mossor	6 5/8	1750	1733	100sks
Date Permit Issued: 08/15/02				
Date Well Work Commenced: 08/24/02	4 1/2	3673	3524	170 sks
Date Well Work Completed: 08/29/02				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3673'				
Fresh Water Depth (ft.): 80' 1,989'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 807-810				



OPEN FLOW DATA

Producing formation Gordon/4th Pay zone depth (ft) 3210-3365
 Gas: Initial open 127 MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 300 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 500# psig (surface pressure) after 48 Hours

Second producing formation Big Injun Pay zone depth (ft) 2450-2510
 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

* = commingled zones

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,

Signed:

Drilling Appalachian Corp.
 By: *Kenneth R. Mossor*

JAN 17 2003

WET 1890

Buck Buster #4
08-13-02

Stage #1	perfs	sand	avg rate	isip
Gordon 4th	3211-3364	263 sks	28 bpm	3346
Stage #2 Big Injun	2456-2510	203 sks	28 bpm	2446

Drillers Log

Fill	0	50
Sd/Sh	50	326
Sd	326	331
Sd/Sh	331	807
Coal	807	810
Sd/Sh	810	1315
RR	1315	1326
Sd/Sh	1326	1939
Sd	1939	1962
Sd/Sh	1962	2333
LL	2333	2340
Sd/Sh	2340	2360
BL	2360	2549
Sd	2549	2634
Sd/Sh	2634	3190
Sd	3190	3248
Sd/Sh	3248	3412
Sd	3412	3478
Sd/Sh	3478	3673
Td	3673	

wet @ 1,712'

gas ck @ 2492' = odor

gas ck @ TD = 127 mcfs

Electric Log Tops

Big Lime	2362
Berea	2758
Gordon	3192

