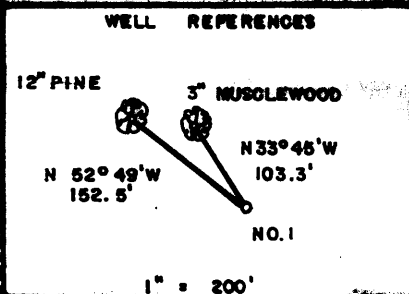
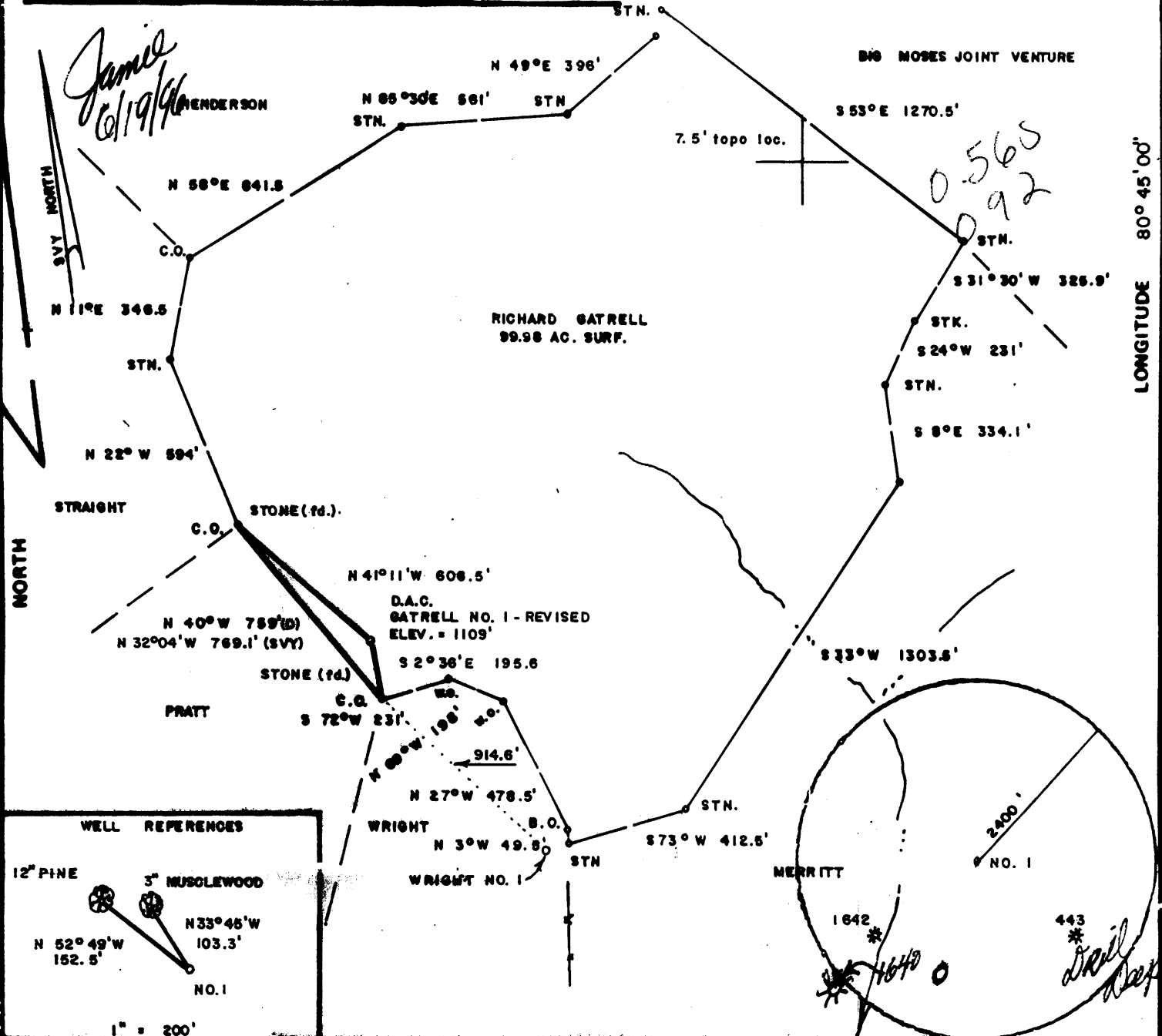


GATRELL LEASE 99.98 AC.

LATITUDE 39° 25' 00"

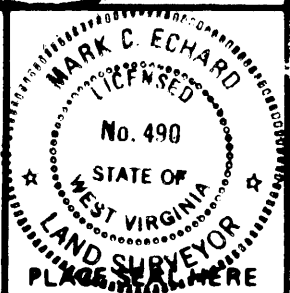
4820' W



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM SOUTH OF LEASE ELEV. = 737'

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 JUNE 21, 19 96
 OPERATOR'S WELL NO. GATRELL NO. 1
 API WELL NO. REVISED
47-095-01651
 STATE COUNTY PERMIT

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

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

LOCATION: ELEVATION 1109' WATER SHED McELROY CREEK
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5'

SURFACE OWNER RICHARD GATRELL ACREAGE 99.98
 OIL & GAS ROYALTY OWNER WILLIAMS HEIRS LEASE ACREAGE 99.98
 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 GORDON ESTIMATED DEPTH 3200'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 280 ALMA, WV 26320 ADDRESS P.O. BOX 99 ALMA, WV 26320

BIAS BLUEPRINT Huntington, W.V. 579636

6-6 92

RECEIVED
WV Division of
Environmental Protection

AUG 07 1996
Permitting
Office of Oil & Gas

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

Well Operator's Report of Well Work

Farm Name: Gatrell, Richard
Location: Elevation: 1,109.00
District: McElroy
Latitude: 2910 Feet South of
Longitude: 4820 Feet West of

Operators Well No.: #1
Quadrangle: Shirley
County: Tyler
39 Deg. 25min. 0sec.
80 Deg. 45 min. 00 sec.

Company: Drilling Appalachian Corp
P. O. Box 99
Alma, WV 26320

Agent: Kenneth Mason

Inspector: Mike Underwood
Permit Issued: 06//19/96
Well Work Commenced: 07/14/96
Well Work Completed: 07/20/96
Rotary X Cable _____ Rig
Total Depth (feet) 2400'
Fresh Water Depths (ft) 135'
Salt Water Depths (ft) 1030'
Is coal being mined in area (Y/N) N
Coal Depths (ft): none

casing tubing	used in drilling	left in well	cement fill up sks
9 5/8	165	135	50
6 5/8	1995	1965	280
4 1/2			

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2064-2096'
Gas: Initial open flow 900 MCF/D Oil: Initial open flow 0 BBL/D
Final open flow 696 MCF/D Final open Flow 0 BBL/D
Static Rock Pressure 120# 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
static rock pressure * psig (surface pressure) after * Hours

For: Drilling Appalachian Corp.

By: Kenneth Mason

AUG 9 1996

Date: 07-22-96

Well completed as a natural, stimulation was not needed.

Drillers Log

Electric Log Tops

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Formation</u>	<u>Depth top</u>
Clay	0	10	Big Lime	2007
Sh	10	25	Keener	2064
Sd-Sh	25	575 1/2" H2O @ 135'	Greenbrier	2098
Sd	575	640	Pocono	2170
Sd-Sh	640	1030 Damp @ 1030'		
SD	1030	1070		
Sd-Sh	1070	1202		
Sd	1202	1211		
Sd-Sh	1211	1388		
Sd	1388	1400		
Sd-Sh	1400	1560		
Sd	1560	1600		
Sd-Sh	1600	1978		
Lime	1978	1995		
Sh	1995	2015		
Lime	2015	2084		
Sd	2084	2268 gas chk @ 2149 781 mcf		
Sh	2268	2400 gas chk @ Td. 900 mcf		
Td.	2400	gas chk @ Collars 696 mcf		

1) Date: June 17, 1996
2) Operator's well number
Gatrell 1
3) API Well No: 47 - 095 - 1651
State - County - Permit

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

Issued 06/19/96
Expires 06/19/98

D.A.C. - Drilling
2400 Appl. Corp.
DE-OPT-377

4) Surface Owner(s) to be served:
(a) Name Richard Gatrell
Address PO Box 257
Middlebourne WV 26149

5) (a) Coal Operator:
Name _____
Address _____

(b) Name _____
Address _____

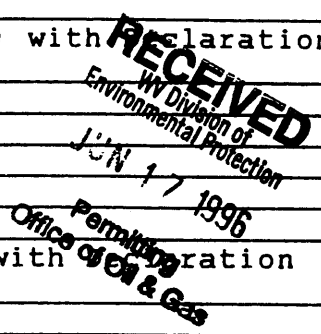
(b) Coal Owner(s) with Declaration
Name _____
Address _____

(c) Name _____
Address _____

Name _____
Address _____

6) Inspector Mike Underwood
Address Rte 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
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

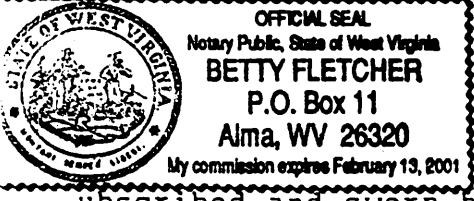
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:

- ___ 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 14425
By: Russell R. Mean
Its: President
Address PO Box 99
Alma, WV 26320
Telephone 304-758-4638

Subscribed and sworn before me this 17th day of June, 1996

My commission expires _____
Betty Fletcher Notary Public
Feb. 13, 2001

095-01651