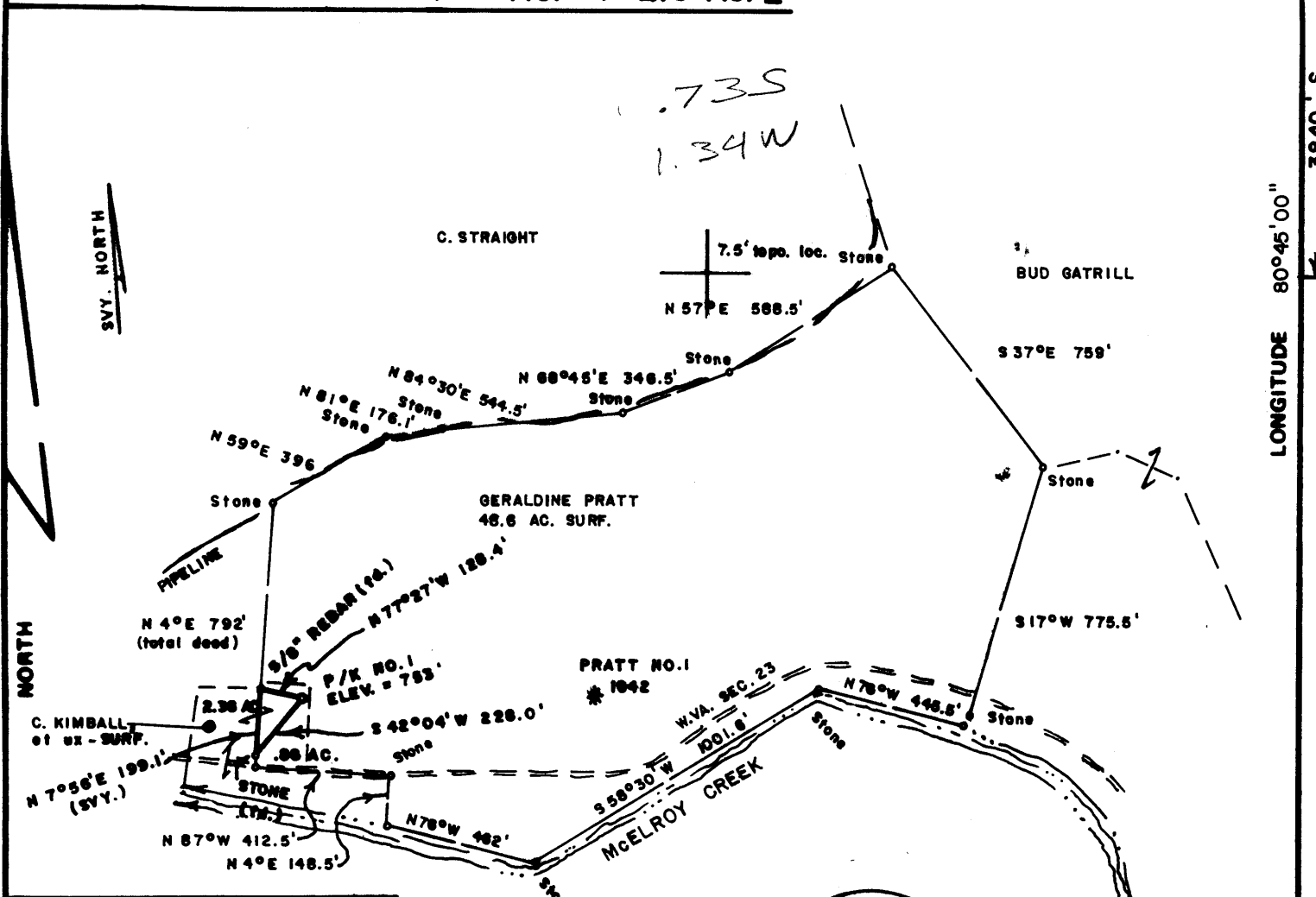


PRATT/KIMBALL LEASE 49.5 AC. of 210 AC. ±

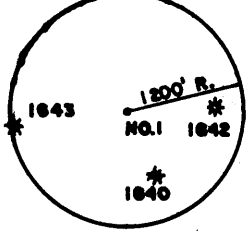


LONGITUDE 80°45'00"

WELL REFERENCES

10" BOX ELDER
 WATER WELL
 N 72°10' W 133.1' NO. 1
 N 80°01' W 187.0'
 S 80°16' E 192.7'
 6" DBL. SYG.

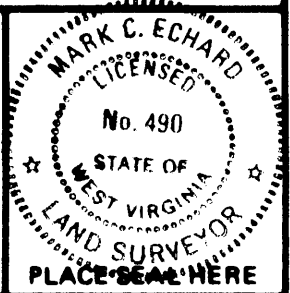
1" = 200'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM EAST 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 AUGUST 21, 19 97
 OPERATOR'S WELL NO. P/K NO. 1
 API WELL NO. 47-095-01685
 STATE 47 COUNTY 095 PERMIT 01685

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 753 WATER SHED McEROY CREEK
 DISTRICT MCGELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5'

SURFACE OWNER CHARLES KIMBALL, et ux ACREAGE .86
 OIL & GAS ROYALTY OWNER WILLIAMS HEIRS LEASE ACREAGE 45.9 of 210
 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) 6-6 92

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION GORDAN ESTIMATED DEPTH 2900' ±
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320 ADDRESS P.O. BOX 99 ALMA, WV 26320

AUG 28 1997



RECEIVED
WV Division of
Environmental Protection

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: Kimball, Charles ETUX
Location: Elevation: 753'
District: McElroy
Latitude: 7100 Feet South of
Longitude: 3184 Feet West of

Operators Well No.: P/K #1
Quadrangle: Shirley 7.5'
County: Tyler
39 Deg. 25min. 00sec.
80 Deg. 45 min. 00sec.

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

Agent: Kenneth Mason

Inspector: Mike Underwood
Permit Issued: 08/25/97
Well Work Commenced: 08/25/97
Well Work Completed: 07/30/97
Rotary X Cable _____ Rig
Total Depth (feet) 2040'
Fresh Water Depths (ft) 50'
Salt Water Depths (ft) 1235
Is coal being mined in area (Y/N) N
Coal Depths (ft): N/A

casing tubing	used in drilling	left in well	cement fill up sks
9 5/8	160	129	50
6 5/8	1630	1592	250
4 1/2	2040	2023	80

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 1720-1819
Gas: Initial open flow 267 MCF/D Oil: Initial open flow 0 BBL/D
Final open flow 263 MCF/D Final open Flow show BBL/D
Static Rock Pressure 110 psig (surface pressure) after 48 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

Date: 09-22-97

OCT 24 1997

Stage	Formation	Perfs	Sand	N2
09-12-97	P/K #1			
1	Big Injun	1718-1812 15	300 sks	104,000 scf

ISIP = 1588#
5 min = 1210#

Drillers Log

Formation	Top	Bottom	
fill	0	5	
Sd	5	90	hole damp @ 50'
Sd/Sh	90	173	
Sd	173	420	
Sd/Sh	420	673	
Sd	673	705	
Sd/Sh	705	1610	hole wet @ 1235'
Lime	1610	1629	
Sh	1629	1640	
Lime	1640	1700	
Sd	1700	1805	gas ck @ 1739 = 133 mcfs
Sh	1805	2040	gas ck @ 1865 = 231 mcfs

Electric Log Tops

Formation	Depth top
Big Lime	1647
Big Injun	1700

095-1685

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 08/25/97
Expires 08/25/99

24196

- 6) Well Operator: DRILLING APPALACHIAN CORPORATION
- 7) Operator's Well Number: P/K #1 3) Elevation: 753
- 4) Well type: (a) Oil / or Gas
(b) If Gas: Production / Underground Storage
Deep / Shallow 419
- 5) Proposed Target Formation(s): GORDON
- 6) Proposed Total Depth: 2900' feet
- 7) Approximate fresh water strata depths: 85
- 8) Approximate salt water depths: 1400'
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No /
- 11) Proposed Well Work: Drill, perforate, stimulate new formation

CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

	Size	Grade	Weight per Foot	For drilling	Left in Well	Fill-up (Cu. ft.)
Conductor	9-5/8"			120'	120'	CTS 55 SKS CLAS A
Fresh Water						
Coal						
Intermediate	7"	J-55	17#	1700'	1700'	38CSR18-11.2.2
Production	4-1/2"	J-55	10.5#	2700'	2700'	38CSR18-11.1
Tubing						
Liners						

PACKERS: Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

1569
27

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

1) Date: AUGUST 22, 1997
2) Operator's Well Number
P/K #1
3) API Well No: 47 - 095 1685
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION 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>CHARLES KIMBALL</u>
Address <u>HC 74, BOX 121</u>
<u>ALMA, WV 26320</u></p> <p>(b) Name <u>GERALDINE PRATT</u>
Address <u>HC 74, BOX 122</u>
<u>ALMA, WV 26230</u></p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Address _____
Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>(6) Inspector <u>MIKE UNDERWOOD</u>
Address <u>RT. 2, BOX 135</u>
<u>SALEM, WV</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)

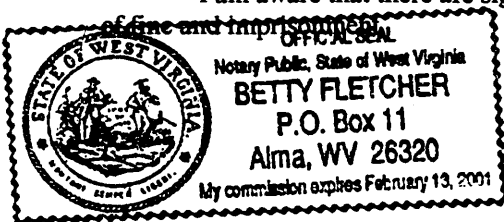
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ 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 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



Well Operator DRIELING APPALACHIAN CORPORATION
By: *Leamith R. Fletcher*
Its: PRESIDENT
Address P.O. BOX 99
ALMA, WV 26320
Telephone (304) 758-4638

Subscribed and sworn before me this 22 day of August, 19 97

Betty Fletcher Notary Public
My commission expires February 13, 2001