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 WV Division of  
 Environmental Protection

OCT 02 1996

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: Wilcox, Jenny  
 Location: Elevation: 1188'  
 District: McElroy  
 Latitude: 13220 Feet South of  
 Longitude: 8400 Feet West of  
 Operators Well No.: #5  
 Quadrangle: Smithburg  
 County: Doddridge  
 39 Deg. 22min. 30sec.  
 80 Deg. 42 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: 08/19/96  
 Well Work Completed: 09/02/96  
 Rotary  Cable \_\_\_\_\_ Rig

Total Depth (feet) 5387  
 Fresh Water Depths (ft) 158'  
 Salt Water Depths (ft) NA  
 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
11 3/4	140	122	60
8 5/8	1700	1673	355
4 1/2	5387	5326	155

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5194-5200'  
 Gas: Initial open flow 169 MCF/D Oil: Initial open flow 0 BBL/D  
 Final open flow 300 MCF/D Final open Flow 0 BBL/D  
 Static Rock Pressure 1100# psig (surface pressure) after 72 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 R. Mason*

Date: 09-10-96

OCT 01 1996

Stage	Formation	Perfs	Sand	N2
09-02-96	Knight #5			
1st	Benson	5194-5200	35,000 #	54,000 scf N2

Breakdown @ 1849  
 ISIP 1585  
 5 Min 1431

**Drillers Log**

**Electric Log Tops**

Formation	Top	Bottom	Formation	Depth top
Earth	0	5	Big Lime	2100
Sd/Sh	5	130	Berea	2653
Sh	130	577	Gordon	2859
Sd	577	668	Benson	5196
Sh	668	1294		
			1" strm @ 158'	
Sd	1294	1325		
Sh	1325	2055		
Lime	2055	2063		
Sh	2063	2100		
Lime	2100	2160		
Sd	2160	2225		
Sh	2225	2656	gas @ 2325 = 169 mcf	
Sd	2656	2662	gas @ 3265 = 180 mcf	
Sh	2662	2889		
Sd	2889	2310		
Sh	2310	5190		
Sd	5190	5205		
Sh	5205	5387		
Td	5387		gas @ TD = 169 mcf	

- 1) Date: July 31, 1996
- 2) Operator's well number  
KNIGHT 5
- 3) API Well No: 47 - 017 - 4290  
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:
  - (a) Name Virginia Wilcox
  - Address RD 1, Box 13A  
New Cumberland WV 26047
  - (b) Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 6) Inspector Mike Underwood
  - Address Rte 2, Box 135  
Salem, WV 26426
  - Telephone (304)- 782-1043

- 5) (a) Coal Operator:
  - Name n/a
  - Address \_\_\_\_\_
- (b) Coal Owner(s) with Declaration
  - Name n/a
  - Address \_\_\_\_\_
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
- (c) Coal Lessee with Declaration
  - Name n/a
  - 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)

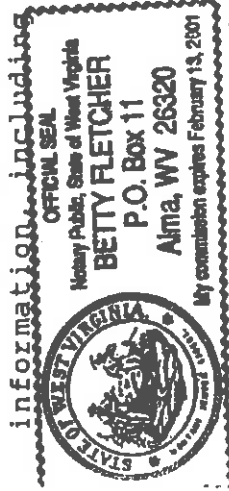
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- \_\_\_\_\_ 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

By: *Betty Fletcher*  
Its: President  
Address P.O. Box 99  
Alma, WV 26320  
Telephone 304-758-4638

subscribed and sworn before me this 31st day of July, 1996

My commission expires February 13, 2001 *Betty Fletcher* Notary Public

