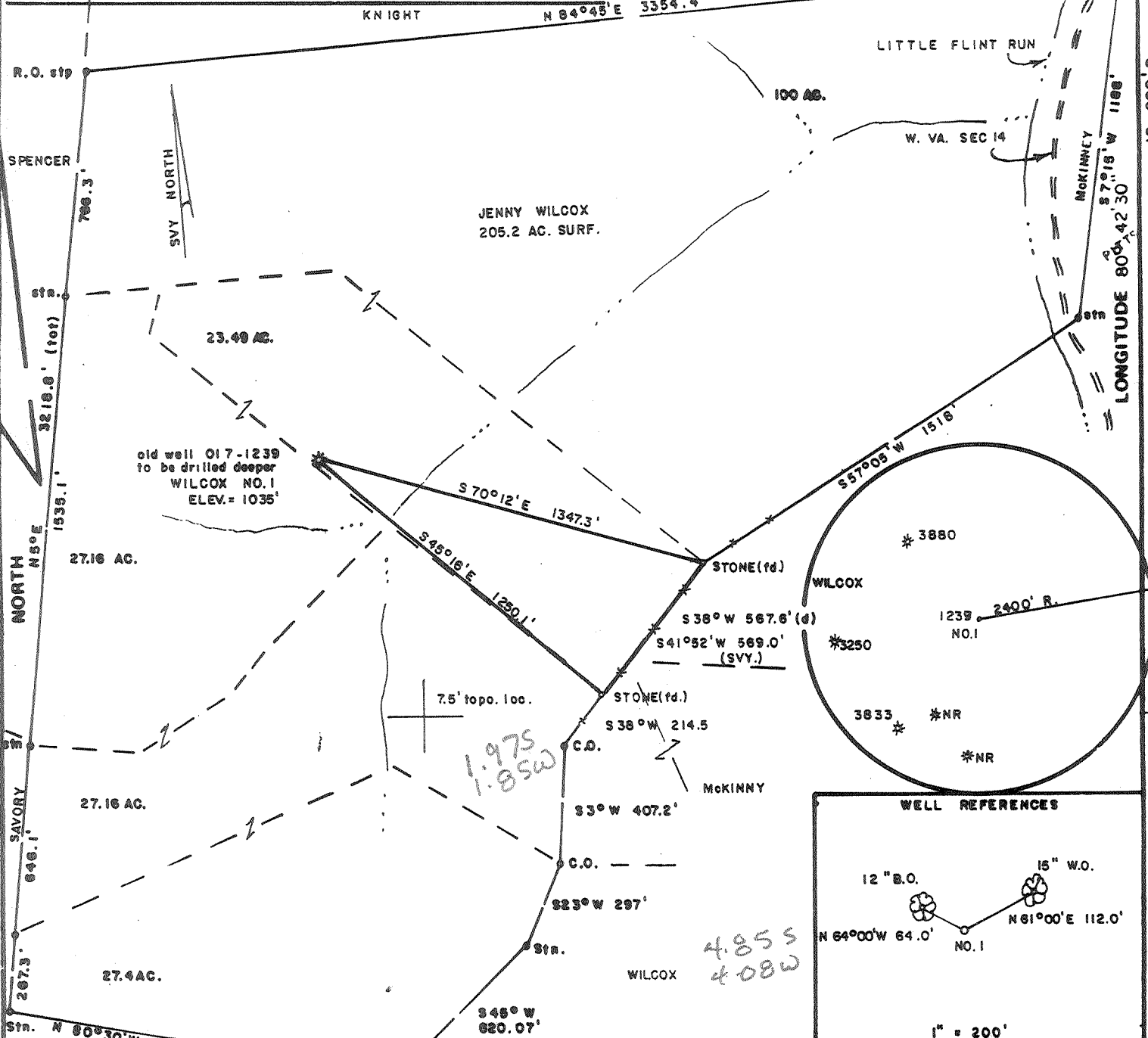


WILCOX LEASE 205.2 AC. of 240 AC.



FILE NO. COX 1381.7  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB (McIntyre)  
 SOUTH SIDE LEASE ELEV = 1426'

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

MARK C. ECHARD  
 LICENSED SURVEYOR  
 NO. 4911  
 WEST VIRGINIA  
 LAND SURVEYORS  
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE OCTOBER 14, 19 94  
 OPERATOR'S WELL NO. WILCOX NO. 1  
 API WELL NO. 47-017-012390  
 STATE WEST VIRGINIA COUNTY DODDRIDGE PERMIT \_\_\_\_\_

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

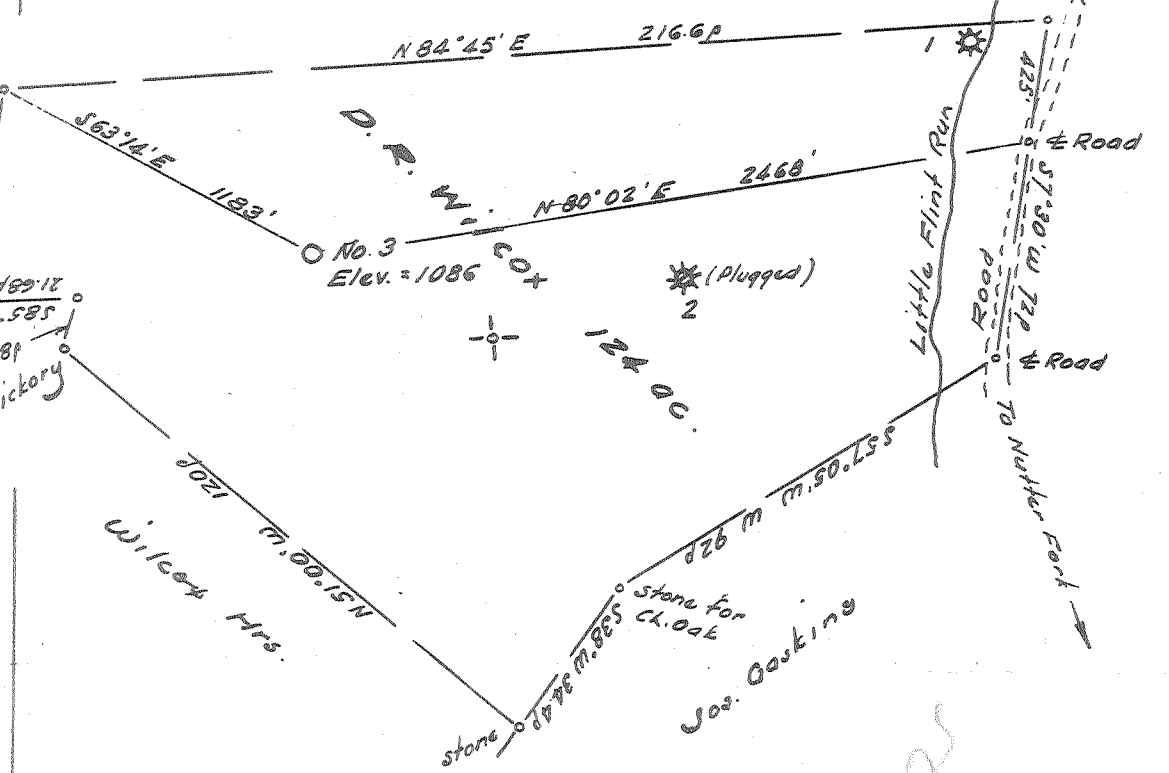
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1035' WATER SHED LITTLE FLINT RUN  
 DISTRICT GRANT COUNTY DODDRIDGE  
 QUADRANGLE SMITHBURG 7.5' Centerport, W.V.  
 SURFACE OWNER JENNY WILCOX ACREAGE 205.2 of 240  
 OIL & GAS ROYALTY OWNER M. J. FOSTER HEIRS LEASE ACREAGE 240  
 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 BENSON - RILEY ESTIMATED DEPTH 5500'  
 WELL OPERATOR D.A.C. 280 DESIGNATED AGENT KENNETH MASON  
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99  
ALMA, W. VA., 26320 ALMA, W. VA., 26320

LATITUDE 39° 25'

LONGITUDE 80° 40'

Henry Knight

W. W. Spencer Set stone  
stone  
Hickory



4.805  
4.07

W. Sheet 7

- New Location
- Drill Deeper
- Abandonment

Elev. reference: - U.S.G.S. elev. at mouth of Little Flint = 736'

Error in Closure is less than 1' in 200'

Company PRIOR OIL COMPANY  
 Address 224 Washington Blvd., Belpre, Ohio.  
 Farm D. R. Wilcox  
 Tract \_\_\_\_\_ Acres 124 Lease No. \_\_\_\_\_  
 Well (Farm) No. Three Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1086'  
 Quadrangle Centerpoint WC  
 County Doddridge District Grant  
 Engineer W. Sheet 7  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date March 18, 1965 Scale \_\_\_\_\_

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. DOD-1239

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

RECEIVED  
OFFICE OF OIL AND GAS

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

MAR 01 1995

WV Division of  
Environmental Protection

Well Operator's Report of Well Work

Well name: WILCOX, VIRGINIA

Operator Well No.: WILCOX #1

LOCATION: Elevation: 1,035.00 Quadrangle: SMITHBURG

District: GRANT County: DODDRIDGE  
Latitude: 10290 Feet South of 39 Deg. 22Min. 30 Sec.  
Longitude 9800 Feet West of 80 Deg. 42 Min. 30 Sec.

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

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD  
Permit Issued: 11/14/94  
Well work Commenced: 11/14/94  
Well work Completed: 12/7/94  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary x Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5200  
Fresh water depths (ft) \_\_\_\_\_  
n/a  
Salt water depths (ft) n/a

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
4-1/2	existing	existing	
2-7/8	5126	5126	90sks

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

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5082  
Gas: Initial open flow smell MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 180 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 24 Hours  
Static rock Pressure 1250 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  
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.

For: DRILLING APPALACHIAN CORP.

By: Kenneth R. Mason  
Date: 1-15-95

Stage	Formation	Perfs	Sand	N2
1st	Benson	5082-5084 16 holes	165sks 378 bbls fluid 250 gal hcl	30,000

### Drillers Log

Formation	Top	Bottom
-----------	-----	--------

see original  
drillers log

	0	2128
sd/sh	2128	2749
Sd	2749	2797
sh	2797	5085
sd	5085	5090
sh	5090	5200

gas ck @ 2737 no show  
gas ck @ 5098 no show  
gas ck @ TD 6/10 1" ww H20

### Electric Log Tops

Formation	Depth top
-----------	-----------

Gordon	2740
Benson	5088



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle CENTERPOINT

WELL RECORD

Permit No. DOD-1239

Oil or Gas Well OIL  
(KIND)

Company PRIOR OIL COMPANY  
Address 224 WASHINGTON BLVD., BELPRE, OHIO  
Farm D. R. WILCOX Acres 124  
Location (waters) LITTLE FLINT  
Well No. 3 Elev. 1086'  
District GRANT County DODDRIDGE  
The surface of tract is owned in fee by DON WILCOX  
Address WEST UNION, W. VA.  
Mineral rights are owned by DON WILCOX, ET AL  
Address WEST UNION, W. VA.  
Drilling commenced 3-24-65  
Drilling completed 5-19-65  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED 250 GAL.  
WELL FRACTURED 25,000#

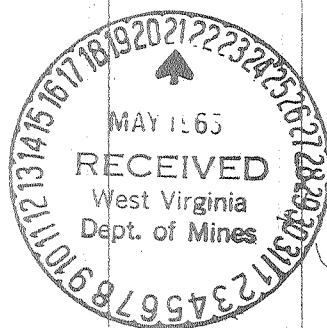
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	22'	22'	
10			Size of
8 1/4	1136'		
6 5/8			Depth set
5 3/16			
4 1/2	2125'	2125'	Perf. top <u>2065'</u>
2			Perf. bottom <u>2069'</u>
Liners Used			Perf. top <u>2074'</u>
			Perf. bottom <u>2078'</u>

CASING CEMENTED 4 1/2" SIZE 2125 No. Ft. 5/3/65 Date

COAL WAS ENCOUNTERED AT NO COAL FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 10 BOPD  
ROCK PRESSURE AFTER TREATMENT 625# - 24 HRS.  
Fresh Water NONE RECORDED Feet \_\_\_\_\_ Salt Water NONE RECORDED Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	30			
Sand			30	67			
Gray shale			67	80			
Red rock			80	125			
Gray shale			125	140			
Sand			140	160			
Red rock			160	168			
Sandy lime			168	209			
Gray shale			209	233			
Red rock			233	273			
Shale & shells			273	287			
Red rock			287	298			
Sandy lime			298	320			
Red rock			320	325			
Sandy gray shale			325	350			
Sandy lime			350	370			
Gray shale			370	461			
Dark lime			461	465			
Lime			465	482			
Red rock			482	515			
Lime			515	562			
Red rock			562	570			
Lime			570	582			
Sandy shale			582	630			
Shale & shells			630	672			
Sandy shale			672	705			
Lime			705	724			
Sandy lime			724	750			
Gray shale			750	815			
Red rock			815	833			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gray shale			833	850			
Sandy shale			850	868			
Red rock			868	885			
Shale			885	896			
Sand			896	920			
Lime			920	935			
Red rock			935	976			
Sand			976	995			
Lime			995	1007			
Sand			1007	1045			
Red rock			1045	1089			
Lime			1089	1105			
Red rock			1105	1122			
Gray, sandy shale			1122	1131			
Sand			1136	1193			
Dark shale			1193	1232			
Lime			1232	1241			
Sand			1241	1285			
Shale & lime			1285	1344			
Sandy lime			1344	1380			
Shale & lime			1380	1404			
Sand			1404	1445			
Dark shale			1445	1475			
Gray shale			1475	1496			
Sand			1496	1578			
Dark shale			1578	1598			
Broken sand			1598	1623			
Sand			1623	1647			
Dark shale			1647	1684			
Sand			1684	1788			
Sandy shale			1788	1812			
Slate & shells			1812	1870			
Sand			1870	1920			
Gray shale			1920	1937			
Lime			1937	2046			
Sand			2046	2110			
Shale			2110	2118			
Sand			2118	2183			
Shale			2183	2215			

Date MAY 20, 1965

APPROVED PRIOR OIL COMPANY, Owner

By Edward R. Haggard  
(Title)



1) Date: Oct. 31, 1994  
2) Operator's well number  
Wilcox #1  
3) API Well No: 47 - 017 - 1239-DD  
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>Virginia Wilcox</u><br/>Address <u>R.D. 1, Box 13A</u><br/><u>New Cumberland, WV 26047</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____<br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____<br/>Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u><br/>Address <u>Rte 2, Box 135</u><br/><u>Salem, WV 26426</u><br/>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:

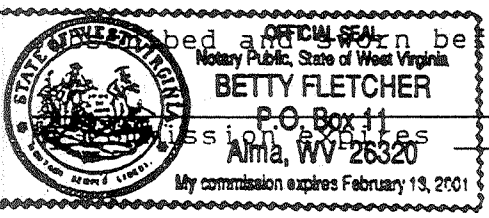
\_\_\_\_\_ Personal Service (Affidavit attached)  
 \_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)  
 \_\_\_\_\_ Publication (Notice of Publication attached)

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 CORP.  
 By: Kenneth L. Hagan  
 Its: President  
 Address P. O. Box 99  
Alma, WV 26320  
 Telephone 304-758-4638



Subscribed and sworn before me this 31st day of October, 1994  
Betty Fletcher Notary Public  
February 13, 2001