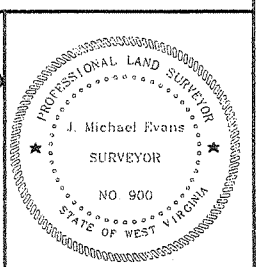


FILE NUMBER: M 2 P 8.2
 DRAWING NUMBER: dadi11581.pcs
 SCALE: 1" = 300'
 MINIMUM DEGREE OF ACCURACY: Sub-meter
 PROVEN SOURCE OF ELEVATION: DGPS Survey

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) J. Michael Evans
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506
 FORM WW-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: July 6, 2009
 OPERATORS WELL NO.: DADI 11581
 API WELL NO. Kimball 1

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

LOCATION: ELEVATION 1,029' WATERSHED Horner Run of Little Flint Run
 DISTRICT Grant COUNTY Doddridge
 QUADRANGLE West Union 7.5' LEASE NUMBER

SURFACE OWNER Marvin Kimball, et. al. ACREAGE 7.75
 OIL & GAS ROYALTY OWNER Emory Kimball Heirs & Assigns LEASE ACREAGE 40.

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) REWORK
 PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION ESTIMATED DEPTH

WELL OPERATOR Dominion Exploration & Production, Inc. DESIGNATED AGENT Rodney J. Biggs, Vice-Pres. of Operations
 ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

COUNTY NAME
 PERMIT

(Swiger - 97) 6-6

SEP 18 2009

KIMBALL LEASE

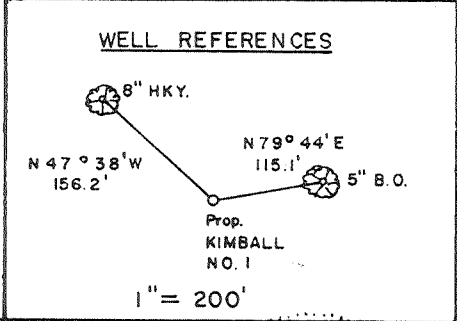
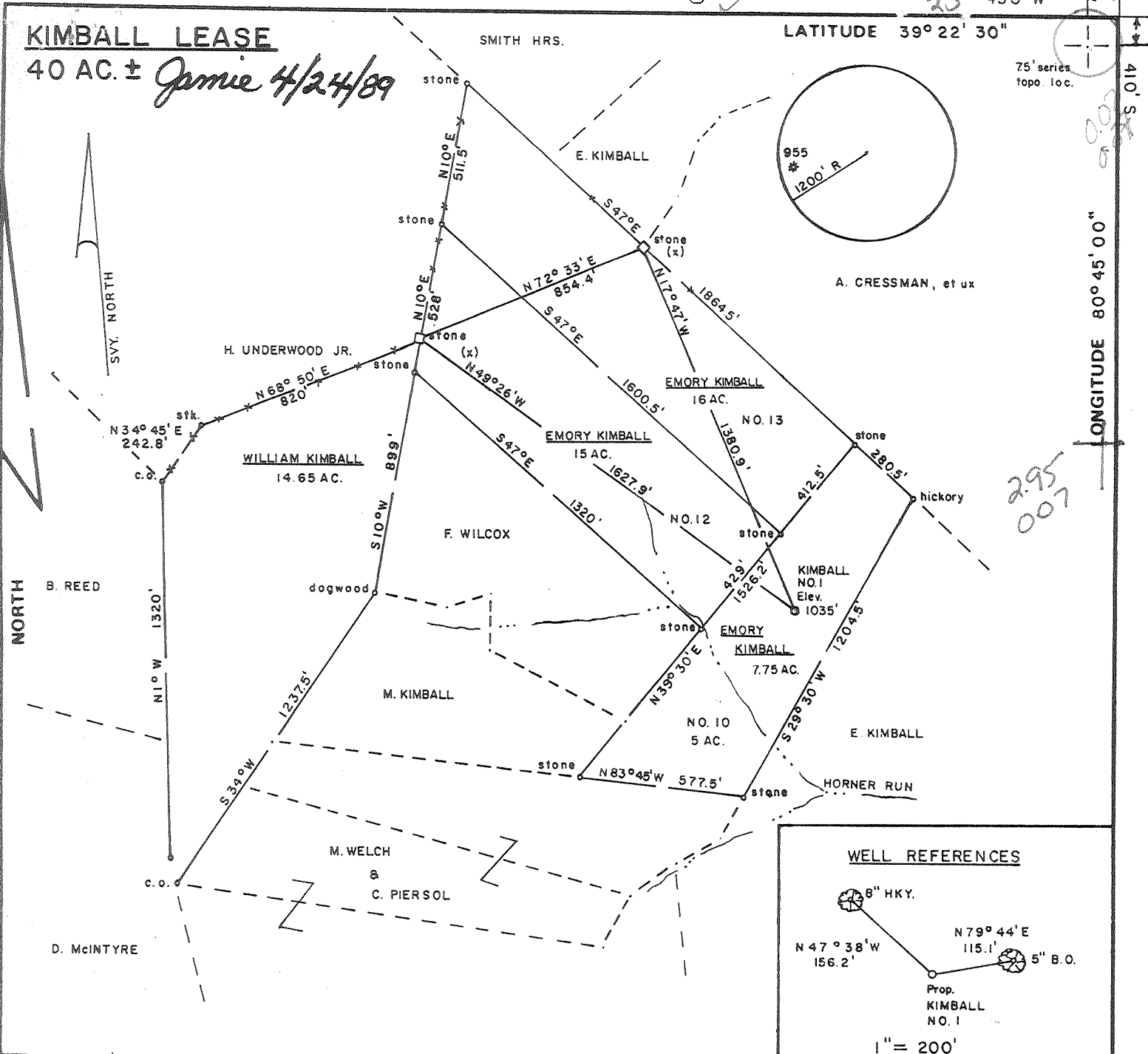
40 AC. ± *Jamie 4/24/89*

SMITH HRS.

LATITUDE 39° 22' 30"

75' series topo. loc.

LONGITUDE 80° 45' 00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top of Knob Elev. 1306'
 2350' SW of Loc.

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 APRIL 21, 1989
 OPERATOR'S WELL NO. KIMBALL NO. 1
 API WELL NO. _____
 47 - 017 - 3712
 STATE COUNTY 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 HORNER RUN OF LITTLE FLINT RUN
 DISTRICT GRANT 3 COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5' 671 1336 +15' EC
 SURFACE OWNER EMORY KIMBALL ACREAGE 7.75 Ac.
 OIL & GAS ROYALTY OWNER EMORY KIMBALL LEASE ACREAGE 7.75 Ac. of 40 Ac.
 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 5400'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
 ALMA, W.V. 26320 280 ALMA, W.V. 26320

APR 28 1989

6-6 Swiger (Flint Run) (697)

APP # 47-17-0312

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: KIMBALL, EMORY Operator Well No.: KIMBALL 1

LOCATION: Elevation: 1035.00 Quadrangle: WEST UNION

District: GRANT County: DODDRIDGE
Latitude: 410 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 450 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: DRILLING APPALACHIAN CORP

P. O. BOX 99
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD
Permit Issued: 04/24/89
Well work Commenced: MAY 23, 1989
Well work Completed: MAY 28, 1989
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig
Total Depth (feet) 5413
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? No
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	1164	1164	20 SURFACE
4 1/2		5152	305 SKS

RECEIVED
JUN 26 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation BENSON SAND Pay zone depth (ft) 5077
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 550 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1270 psig (surface pressure) after 20 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: June 5, 1989

JUN 30 1989

GEOLOGICAL WELL RECORD DATA

PERMIT NUMBER: 47-0174-3712

	TOP	BOTTOM
SOIL	0	25
BROKEN SAND	25	275
SANDS AND SHALES	275	1085
DUNKARD SAND	1085	1127
1ST SALT SAND	1426	1504
2ND SALT SAND	1548	1669
3RD SALT SAND	1735	1787
MAXON	1838	1868
BIG LIME	1980	2052
KEBNER SAND	2056	2091
BIG INJUN SAND	2094	2174
WEIR	2328	2404
BEREA CAP	2500	
GANTZ SAND	2527	2547
GORDON SAND	2747	2787
FIFTH SAND	2960	2965
WARREN	3400	3451
RILEY MUL	4590	4627
BENSON	5056	5062
ALEXANDER	5312	5333
TOTAL DEPTH	5419	

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JUN 26 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

SHOW GAS

SHOW GAS & OIL

SHOW GAS

SHOW GAS

WELL TREATMENT SCHEDULE

Benson Sand 5056 - 5062 Perforated with 15 holes

Formation Break Down 3400 PSI

Hydraulic frac with Nitrogen assist

Average Treating Rate 20 barrels per min

600 barrels of gel treated water

250 sacks of 20/40 sand

50 sacks of 80/100 sand

Average Treating Pressure 2650 PSI

8716

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: Jan 13, 2010
API No: 47-017-03712F
Lease No:

Farm Name: KIMBALL, EMORY Operator Well No. 11581 (Kimball #1) Rework

LOCATION: Elevation: 1029' Quadrangle: West Union 7.5'

District: Grant County: Doddridge
Latitude: 225 Feet South of: 39 Deg. 22 Min. 30 Sec.
Longitude: 620 Feet West of: 80 Deg. 45 Min. 00 Sec.

Company: Dominion Appalachian Development, Inc.

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Dave Scranage				
Date Permit Issued: 9/16/2009				
Date Well Work Commenced: 10/9/2009				
Date Well Work Completed: 10/20/2009				
Verbal Plugging:		See	Previous	WR-35 for
Date Permission granted on:		existing	Casing prog	
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): N/A				
Oil Depths (ft.): N/A				

RECEIVED
Office of Oil & Gas
JAN 14 2010
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation	GORDON	BRADFORD	RILEY	Pay zone depth (ft)
Gas: Initial open flow	42	MCF/d		2754'-2788'
Final open flow	119	MCF/d		4406'-4416'
Time of open flow between initial and final tests				4606'-4614'
Static Rock Pressure	140	psig (surface pressure) after		12 Hours

Second Producing formation	Gas: Initial open flow	Final open flow	Time of open flow between initial and final tests	Static rock Pressure	Pay zone depth (ft)	Oil: Initial open flow	Final open flow	Hours
	*	*	*	*		*	*	*

*** COMMINGLED WITH PREVIOUS FORMATIONS**

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 COALS ENCOUNTERED BY THE WELLBORE.

Signed: Rodney J. Biggs
By: Rodney J. Biggs
Date: 1/12/10

WR-35

Rev (5-01)

Page 2 of 2

WELL: 11581 (Kimball #1) Rework DADI

10/20/2009 JW PERFED AND UNIVERSAL FRACED AS FOLLOWS:

RILEY, 4606'-4614', 20 HOLES, BD 1963#, AVG RATE 12 BPM, AVG PRESS 3088#.

357 BBLs, TOT SAND 17,000#, ISIP 1540#

BRADFORD, 4406'-4416', 21 HOLES, BD 1730#, AVG RATE 18 BPM, AVG PRESS 1688#.

296 BBLs, TOT SAND 15,000#, ISIP 1430#

GORDON, 2754'-2788', 16 HOLES, BD 2000#, AVG RATE 14 BPM, AVG PRESS 1745#.

277 BBLs, TOT SAND 16,000#, ISIP 1610#

SUTTON RIG CLEANED UP AFTER FRAC.

01/22/2010

COPY

017-3712

Issued 4/24/89 Expires 4/24/91
Page 3 of 5

FORM WW-2B

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

- 1) Well Operator: Drilling Appalachian Corporation ³¹¹ *14425 3, 670*
- 2) Operator's Well Number: Kimball #1 3) Elevation: 1,032'
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Benson/Riley *435*
- 6) Proposed Total Depth: 5300± feet
- 7) Approximate fresh water strata depths: 159'
- 8) Approximate salt water depths: 1650'
- 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 *New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"	H-40	42#	30'	0	None
Fresh Water						
Coal	✓					
Intermediate	8-5/8"	J-55	23#	1150'	1150'	<i>OK</i> <i>38CSR18-11.2</i> 38CSR18-11.2.2. CTS Neat
Production	4-1/2"	J-55	10½#	5200'	5200'	38CSR18-11.1
Tubing						
Liners						

8716

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
APR 24 1989

4026

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Blanket Agent

(Type)

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APR 24 1989

Date: April 20, 1989
Operator's well number
KIMBALL #1
API Well No: 47 - 017 - 3712
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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 Emory Kimball
Address HCR 74 - Box 90
Alma, WV 26320
(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 ---
Address -----
(b) Coal Owner(s) with Declaration
Name ---
Address -----
(c) Coal Lessee with Declaration
Name ---
Address -----

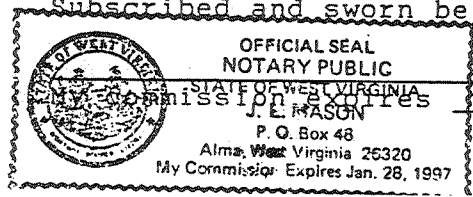
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 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 5 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: *Lumina E. Mason*
Its: President
Address P. O. Box 99
ALMA, WV 26320
Telephone (304) 758-4638

Subscribed and sworn before me this 20th day of April, 19 89



1/28/97
J.E. Mason Notary Public