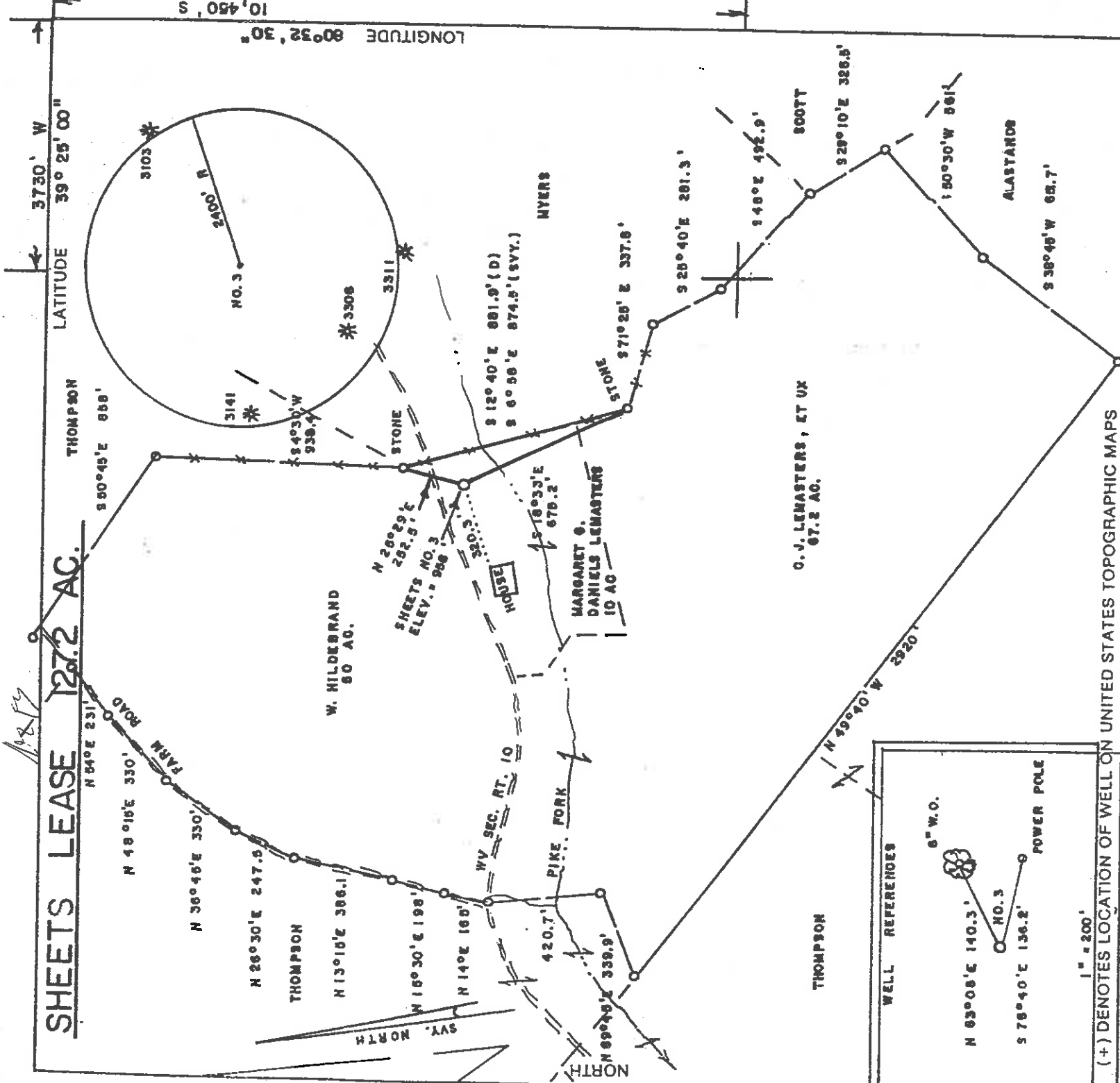
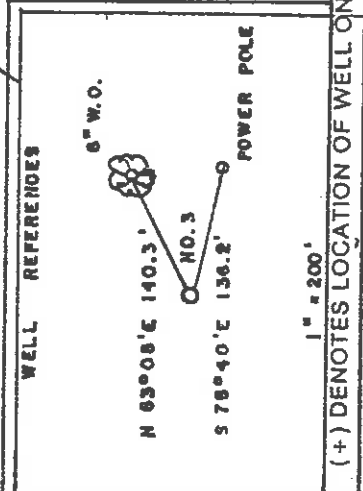


**SHEETS LEASE 127.2 AC.**



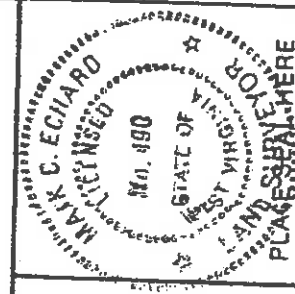
FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200'  
 PROVEN SOURCE OF ELEVATION JCT. OF ROADS  
 WEST OF LEASE ELEV. = 912'



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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) Mark C. Echard  
 R.P.E. \_\_\_\_\_ I.L.S. 490



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE MARCH 9, 2004  
 OPERATOR'S WELL NO. SHEETS NO. 3  
 API WELL NO. 47-017-04811

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 958' WATERSHED PIKE FORK  
 DISTRICT MC CLELLAND COUNTY DODDRIDGE  
 QUADRANGLE FOLSOM  
 SURFACE OWNER MARGARET G. DANIELS LEMASTERS  
 OIL & GAS ROYALTY OWNER JOHN P. SHEETS, ET AL LEASE ACREAGE 127.2

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

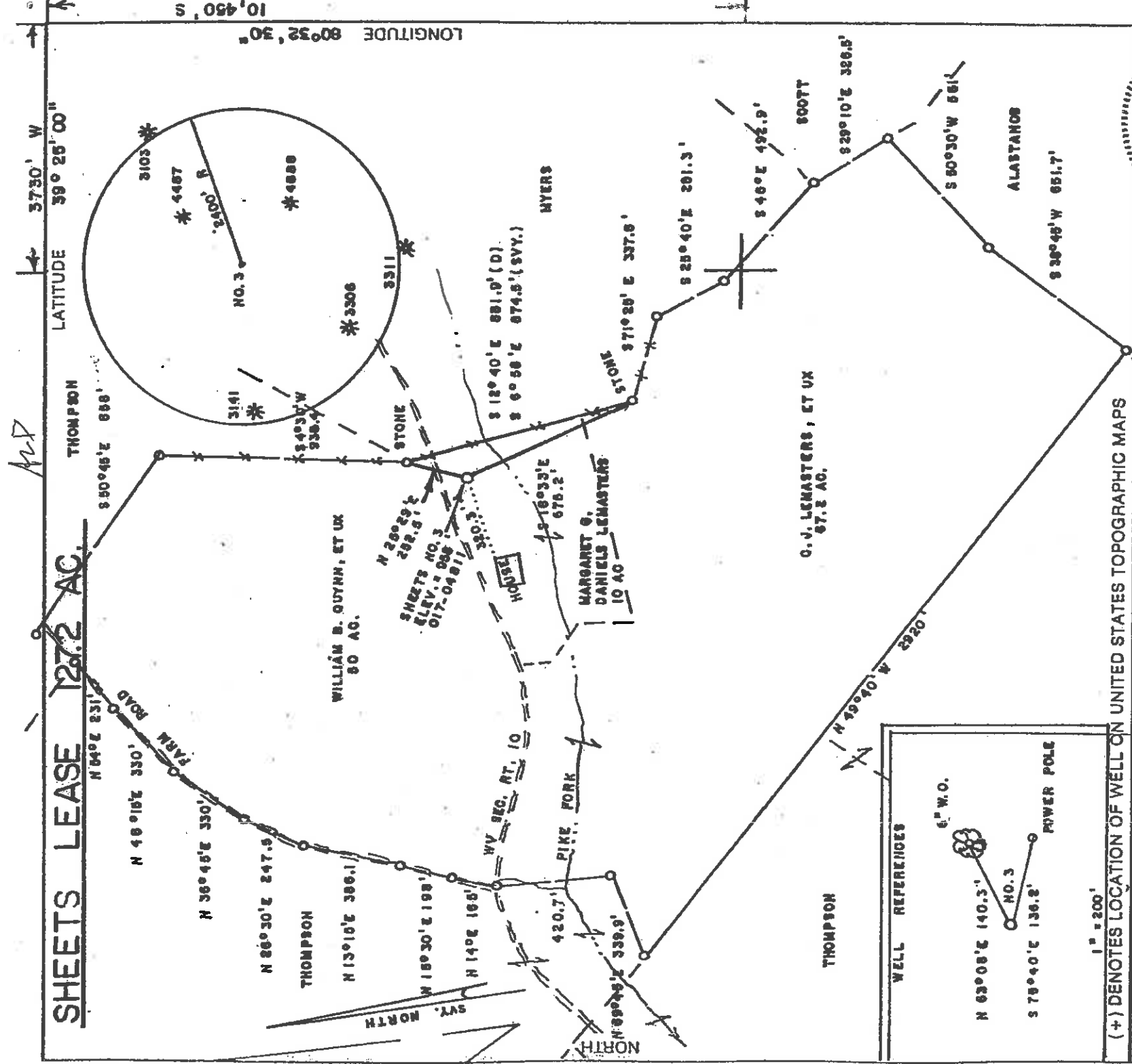
PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION BENSON ESTIMATED DEPTH 5200'  
 WELL OPERATOR LINN OPERATING, LLC DESIGNATED AGENT MR. JUD SHREYES  
 ADDRESS P.O. BOX 368 ADDRESS P.O. BOX 368  
GLENNVILLE, WV 20351 GLENNVILLE, WV 2084

COUNTY NAME Dodd PERMIT 4811

APR 15 2004

(Scale 102) 6-6

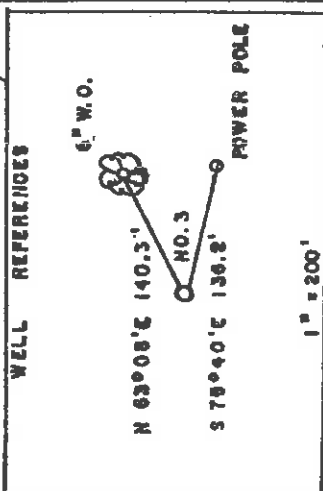
# SHEETS LEASE 127.2 AC.



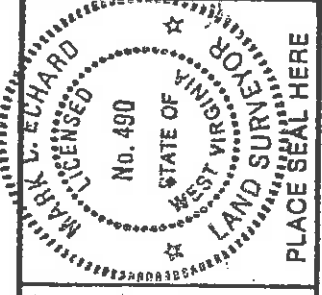
LATITUDE 39° 25' 00" W  
 LONGITUDE 80° 32' 30" S  
 10,450' S

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION JCT. OF ROADS  
 WEST OF LEASE ELEV. = 912'



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) Mark C. Echard  
 R.P.E. \_\_\_\_\_ L.L.S. 490



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS



DATE MARCH 1, 2007  
 OPERATOR'S WELL NO. SHEETS NO. 3  
 API WELL NO. \_\_\_\_\_  
 STATE COUNTY PERMIT  
**47-017-04811-FRAC**

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS.") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 988' WATERSHED PIKE FORK  
 DISTRICT MC CLELLAND COUNTY DODDRIDGE  
 QUADRANGLE FOLSOM 7.5'  
 SURFACE OWNER MARGARET G. DANIELS LEMASTERS  
 OIL & GAS ROYALTY OWNER JOHN P. SHEETS, ET AL LEASE ACREAGE 127.2  
 LEASE NO. \_\_\_\_\_

0000  
 COUNTY NAME

PROPOSED WORK: DRILL  CONVERT  DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) CLEAN OUT RUN 4.5" CASING  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2312'  
 WELL OPERATOR LINN OPERATING, INC. DESIGNATED AGENT GARY BEALL  
 ADDRESS P.O. BOX 1008 P.O. BOX 1008  
 MAR 08 2007

4811 F  
 PERMIT



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

Farm Name: \_\_\_\_\_ Lemasters Operator Well No.: \_\_\_\_\_ Sheets #3

LOCATION: Elevation: 958' Quadrangle: \_\_\_\_\_ Sheets #3  
District: McClelland County: Doddridge  
Latitude: 10,450 feet South of 39 DEG. 25 MIN. 00 SEC.  
Longitude: 3,730 feet West of 80 DEG. 32 MIN. 30 SEC.

Company:

Linn Operating LLC		Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill
Address: PO Box 1008		11 3/4"	185'	176'	Up Cu. Ft.
Jane Lew, WV 26378					75 sks
Agent: Gary Beall		8 5/8"	1360'	1312'	310 sks
Inspector: Mike Underwood		4 1/2"	2312'	2197'	120sks
Date Permit Issued: 3/6/2007					
Date Well Work Commenced: 3/19/2007					
Date Well Work Completed: 3/22/2007					
Verbal Plugging:					
Date Permission granted on:					
X Rotary	Cable				
Total Vertical Depth (ft): <u>2312'</u>					
Total Measured Dept <u>NA</u>					
Fresh Water Depth (ft.): <u>45'</u>					
Salt Water Depth (ft.): <u>N/A</u>					
Is coal being mined in area (N/Y)? <u>N</u>					
Coal Depths (ft): <u>NA</u>					
Void(s) encountered (N/Y) Depth(s) <u>NA</u>					

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing Formation Big Injun Pay Zone \_\_\_\_\_  
Depth (ft) 1988-2056  
Gas: Initial Open Flow Show MCF/d \_\_\_\_\_ Bbl/d  
Final Open Flow Show MCF/d \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig surface pressure after 24 Hours

Second Producing Formation \_\_\_\_\_ Pay Zone \_\_\_\_\_  
Depth (ft) \_\_\_\_\_  
Gas: Initial Open Flow \_\_\_\_\_ MCF/d \_\_\_\_\_ Bbl/d  
Final Open Flow \_\_\_\_\_ MCF/d \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig surface pressure after \_\_\_\_\_ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

 \_\_\_\_\_ Date 4-15-13

Signature

*Salem (102) 6-6*

04/19/2013

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

1 1988' - 2056' 43 holes 279 sks 20/40 sand, 226,000scf N2

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APR 15 2013

WV Department of  
Environmental Protection

Bottom Depth

Formations Encountered:	Top Depth	Bottom Depth
Surface:		
Sh	0	15
Sd/Sh	15	45
Sd/Sh	45	50
Sd/Sh	50	850
Sd/Sh	850	930
Sd/Sh	930	1320
Sd/Sh	1320	1380
Sh/Sh	1380	1845
Lime	1845	1875
Sh	1875	1885
Lime	1885	1980
Sd/Sh	1980	2130
Sd/Sh	2130	2312
TD	2312	

04/19/2013

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Lemasters

Operator Well No.: Sheets #3

LOCATION: Elevation: 958'

Quadrangle: Folsom 7.5'

District: McClelland  
Latitude: 10,450 Feet South of 39 Deg. Doddridge 25 Min. 00 Sec.  
Longitude 3,730 Feet West of 80 Deg. 32 Min. 30 Sec.

Company:

Drilling Appalachian Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 99 Alma WV 26320	11 3/4	185	176	75 sks
Agent: Kenneth Mason				
Inspector: Mike Underwood	8 5/8	1360	1312	310 sks
Date Permit Issued: 03/15/2004				
Date Well Work Commenced: 03/22/04	4 1/2			
Date Well Work Completed: 03/28/04				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2312'				
Fresh Water Depth (ft.): 45'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2250-2275  
 Gas: Initial open show MCF/d Oil: Initial open flow Bbl/d  
 Final open flow show MCF/d Final open flow Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 150# 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  
 \* = commingled zones

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,

Signed: Drilling Appalachian Corporation

By: Kenneth R. Mason  
 Date: 8-26-04

SEP 17 2004

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Office of Oil & Gas  
Office of Chief  
AUG 30 2004  
WV Department of  
Environmental Protection

0000 4811

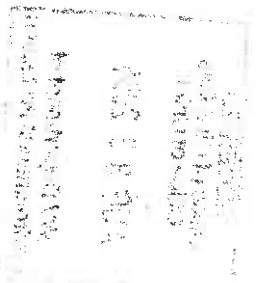
Sheets #3  
47-017-04811

Well completed as a natural

Drillers Log

Sh	0	15	
Sd/Sh	15	45	
Sd	45	50	
Sd/Sh	50	850	
Sd	850	930	2" strm h20 @ 45'
Sd/Sh	930	1320	
Sd	930	1380	
Sh/Sh	1320	1380	
Lime	1380	1845	
Sh	1845	1875	
Lime	1875	1885	
Sd	1885	1980	
Sd/Sh	1980	2130	
TD	2130	2312	

TD = show gas



SEP 17 2004