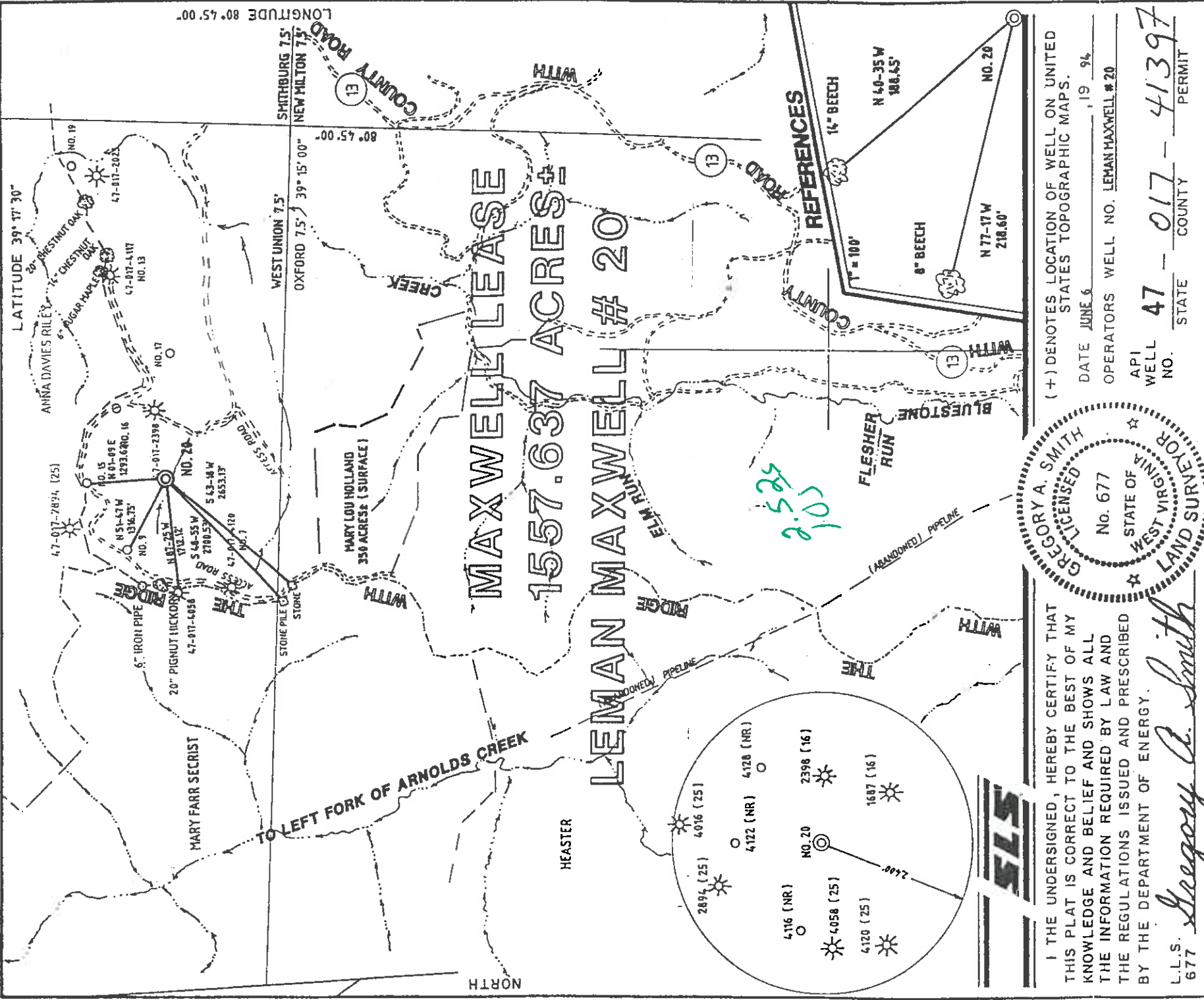


LONGITUDE 80° 45' 00"

13.280



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.

L.L.S. *Gregory A. Smith*
 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 6, 19 94
 OPERATORS WELL NO. LEMAN MAXWELL # 20
 API WELL NO. 47 - 017 - 41397 STATE WEST VIRGINIA COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

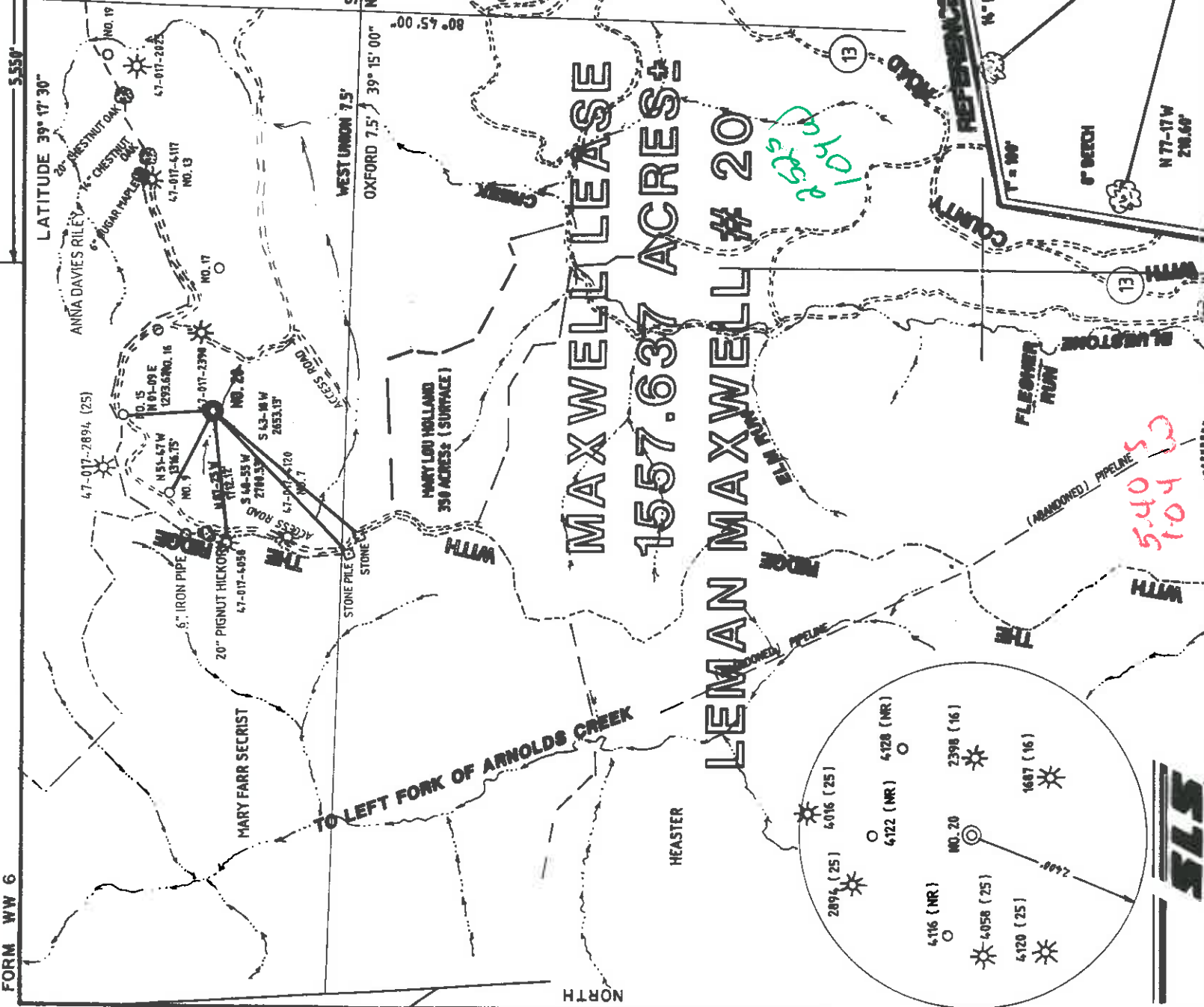
MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100 & 3159 (44-52)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1333' SCALE 1" = 2000'

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 901' WATERSHED BLUESTONE CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER MARY LOU HOLLAND ET AL.
 ROYALTY OWNER MARY LOU HOLLAND ET AL.
 PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____
 LEASE NO. _____
 TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5311'

WELL OPERATOR ANYIL OIL CO. INC. DESIGNATED AGENT JUSTIN M. HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WV. 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV. 26554-1230
 COUNTY NAME _____ PERMIT _____

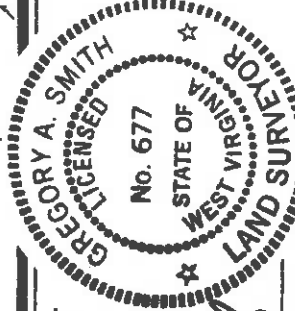
0000 41397

(Smithson Flint Sedalia 99) 6-6 JUL 26 1999



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.

L.L.S. *Gregory A. Smith*
677



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

DATE JUNE 6, '19 94
 OPERATORS WELL NO. LEMAN MAXWELL # 20
 API WELL NO. 47 STATE 017 COUNTY 4139 PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100 & 3169 (44 - 52)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1333' SCALE 1" = 2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 901' WATERSHED BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER MARY LOU HOLLAND ET AL. QUADRANGLE WEST UNION 75' WU
 ROYALTY OWNER MARY LOU HOLLAND ET AL. ACREAGE 1557.637 637
 LEASE ACREAGE 1557.637 LEASE NO. _____

PROPOSED WORK:
 DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5500' 8000' PERMIT

WELL OPERATOR ANVIL OIL CO. INC. DESIGNATED AGENT JUSTIN M. HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WY. 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WY. 26554-1230

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

Well Operator's Report of Well Work

Farm Name: Holland, Mary lou
Location: Elevation: 981.00
District: West Union
Latitude: 13280 Feet South of
Longitude: 5550 Feet West of

Operators Well No.: YellerJacket #20
Quadrangle: West Union
County: Doddridge
39 Deg. 17min. 30sec.
80 Deg. 45 min. 0 sec.

Company: Anvil Oil Co., Inc.

P.O. Box 1230
Fairmont, WV 26554-1230

Agent: Justin Henderson

Inspector: Mike Underwood
Permit Issued: 07/16/94
Well Work Commenced: 07/17/94
Well Work Completed: 07/23/94
Rotary Cable _____ Rig

Total Depth (feet) 5311'

Fresh Water Depths (ft) N/A

Salt Water Depths (ft) N/A

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			
8 5/8	1030	1013	256
4 1/2	5311	5115	780

OPEN FLOW DATA

Producing formation Alexander Pay zone depth (ft) 4976'
Gas: Initial open flow 119 MCF/D Oil: Initial open flow 0 BBL/D
Final open flow 1244 MCF/D Final open Flow 0 BBL/D
Static Rock Pressure 1600# psig (surface pressure) after 48 Hours

Second producing formation Benson, Riley, Balltown Pay zone depth (ft) 3272-4966'

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

* commingled zones

For: Anvil Oil Co., Inc.

By: Jerry Poling
Date: 12-1-94

Stage	Formation	Perts	Sand	N2
1st	Alexander	4975-5033	400sk	407,000
2nd	Benson	4688-4692	400sk	397,000
3rd	Balltown	3942-4257	350sk	331,000
4th	Warren Speechley	3051-3838	350sk	298,000

Drillers Log

Formation	Top	Bottom	Formation	Depth top
Dirt	0	5	Big Lime	1666
Sd	5	320	Berea	2165
Sd/Sh	320	780	Gordon	2360
Sd	780	843	Benson	4692
Sd/Sh	843	1619		
Lime	1619	1632		
Shale	1632	1660		
Lime	1660	1715		
Sand	1715	1805	gas ck @ 1592' no show	
Sd/Sh	1805	4240	gas ck @ 1840' 04/10 1" w/w	
Sd	4240	4250	gas ck @ 2594' 06/10 1" w/w	
Sd/Sh	4250	4705	gas ck @ 4220' 02/10 2" w/w	
Sd	4705	4718	gas ck @ 4747' 14/10 2" w/w	
Sd/Sh	4718	5311	gas ck @ T.D. 08/10 2" w/w	
Td	5311	5311		

Electric Log Tops

Issued 07/08/94
Expires 07/08/96

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

19450

6048

Well Operator: ANVIL OIL COMPANY, INC. - P.O. BOX 1230 - FAIRMONT, WV 26554

PHONE (304) 363-1362

Operator's Well Number: LEEMAN MAXWELL NO. 20

3) Elevation: 981'

Well Type: (a) Oil ___ / or Gas X /

(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /

5) Proposed Target Formation(s): ALEXANDER 439

6) Proposed Total Depth: 5500' feet

7) Approximate fresh water strata depths: 80'

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: N/A

10) Does land contain coal seams tributary to active mine? Yes ___ / No X /

11) Proposed Well Work: DRILL AND STIMULATE

New Well

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTING INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in Well	
Conductor						Fill-up (od. ft.)
Fresh Water	8 5/8"		23#	981'	981'	o.t. mbo
Coal						CEMENT TO SURFACE
Intermediate						385R/11.3
Production	4 1/2"		10.5#	5500'	5500'	385R/11.22
Tubing						
Liners						

PACKERS: Kind _____ Sizes _____ Depths set _____

For Division of Oil and Gas Use Only

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

1) Date: JUNE 9, 1994
2) Operator's well number
LEEMAN MAXWELL NO. 20
3) API Well No: 47 - 017 - 4139
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 MARY LOU HOLLAND
Address 308 CHURCH STREET
WEST UNION, WV 26456
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector MIKE UNDERWOOD
Address ROUTE 2, BOX 135
SALEM, WV 26426
Telephone (304) - _____

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
xxxxx 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 8 on the above named parties, by:
xxxxx 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.

By: Justin L. Henderson
Its: JUSTIN L. HENDERSON - PRESIDENT
Address P.O. BOX 1230
FAIRMONT, WV 26554

Subscribed and sworn before me this 10th day of July, 1994
Belenus Bradford Notary Public
My commission expires 11/12/2000

WR-35
Rev (5-01)

DATE:

API #: 47-017-04139 F

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

Well Operator's Report of Well Work

Farm name: Holland, Mary Lou Operator Well No.: L. Maxwell # 20

LOCATION: Elevation: _____ Quadrangle: West Union

District: West Union County: Doddrige

Latitude: 13 280 Feet South of 39 Deg. 17 Min. 30 Sec.

Longitude 5550 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: Amul Oil & Gas

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>Po BOX 1230</u>				
<u>Fairmont WV 26555</u>				
Agent: <u>Justin Henderson</u>				
Inspector: <u>Mike Henderson</u>				
Date Permit Issued: <u>7-23-99</u>				
Date Well Work Commenced:				
Date Well Work Completed:				
Verbal Plugging:				
Date Permission granted on: <u>8/6/8</u>			<u>1103</u>	<u>to surface</u>
Rotary Cable Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): <u>N/A</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				

OPEN FLOW DATA

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

Second producing formation Gaslow / Injun 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 PERFORMED 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.

Signed: _____
By: Justin Henderson
Date: _____

RECEIVED
Office of Oil & Gas

MAY 13 2009

AUG 07 2009

WV Department of
Environmental Protection

Gordon Perf 2406-20 - 8 hole

Flow 110 bbls H₂O
750 gal Acid
25,000 sand
180,000 sftw/2

Tinjun - perf 1802-27 - 11 holes
Flow - 490 bbls H₂O
1000 gal. acid
30,000 # sand