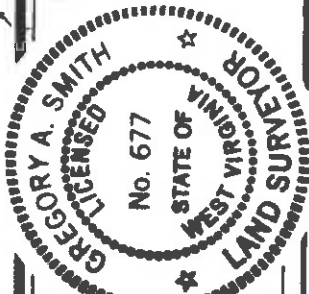


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

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



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

DATE JUNE 7, 19 94
 OPERATORS WELL NO. LEMAN MAXWELL # 22
 API WELL NO. 47-017-2443 COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 3100 & 3149 (64-95)
 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 INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 983' WATERSHED BLUESTONE CREEK
 DISTRICT WEST UNION COUNTY DODDRIIDGE

SURFACE OWNER MARY LOU HOLLAND QUADRANGLE OXFORD 7.5' *Red block*
 ROYALTY OWNER MARY LOU HOLLAND ET AL. ACREAGE 1557.637 *NE*

PROPOSED WORK: LEASE NO. _____
 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' *JUN 22 1994*

WELL OPERATOR ANVIL 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

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: 983.00
District: West Union
Latitude: 1210 Feet South of
Longitude: 3220 Feet West of

Operators Well No.: YellerJacket #22
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//25/94
Well Work Commenced: 08/01/94
Well Work Completed: 08/07/94
Rotary X Cable Rig

Total Depth (feet) 5243'

Fresh Water Depths (ft) 45'

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	250
4 1/2	5243	5043	820

OPEN FLOW DATA

Producing formation Alexander Pay zone depth (ft) 4901'
Gas: Initial open flow 158 MCF/D Oil: Initial open flow 0 BBL/D
Final open flow 1007 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) 2980-4610'
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

1994 1 1995

Stage	Formation	Perts	Sand	N2
1st	Alexander	4902-4957	350sks	312,000
2nd	Benson	4166-4610	350sks	345,000
3rd	Balltown	2996-3753	350sks	331,000

Drillers Log

Formation	Top	Bottom	Formation	Depth top
Dirt	0	10	Big Lime	1593
Clay	10	20	Berea	2092
Sd/Sh	20	295	Gordon	2281
Sd	295	315	Benson	4608
Sd/Sh	315	870		
Sh	870	1567		
Sand	1567	1590		
Lime	1590	1645		
Sand	1645	1792	gas ck @ 1568' 02/10 2" w/w	
Sd/Sh	1792	2310	gas ck @ 1661' 02/10 2" w/w	
Sd	2310	2320	gas ck @ 1720' 10/10 2" w/w	
Sd/Sh	2320	4595	gas ck @ 2381' 18/10 2" w/w	
Sd	4595	4605	gas ck @ 4655' 14/10 2" w/w	
Sd/Sh	4605	5243	gas ck @ T.D. 14/10 2" w/w	
Td		5243		

Electric Log Tops

017-4143

Issued 07/25/94
Expire 07/25/96
3

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION 2-275

0048

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

operator's Well Number: LEEMAN MAXWELL NO. 22 3) Elevation: 983'

PHONE (304) 363-1362

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

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

Proposed Target Formation(s): ALEXANDER 439

6) Proposed Total Depth: 5500' feet

7) Approximate fresh water strata depths: 90'

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*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTING INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in Well	
Conductor						
Fresh Water	8 5/8"		23#	983'	983'	CEMENT TO SURFACE
Coal						
Intermediate						
Production	4 1/2"		10.5#	5500'	5500'	350 SACKS
Tubing						
Liners						

PACKERS: Kind _____ Sizes _____ Depths set _____

For Division of Oil and Gas Use Only

(472/26)

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

1) Date: JUNE 9, 1994
2) Operator's well number
LEEMAN MAXWELL NO. 22
3) API Well No: 47 - 017 - 4143
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) - 782-1043
(c) Coal Lessee with Declaration
Name N/A
Address _____
5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
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
XXX 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: XXX 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

Telephone (304) 363-1362
subscribed and sworn before me this 15th day of July, 1994
My commission expires 11/12/2000
Notary Public