

# MAXWELL LEASE

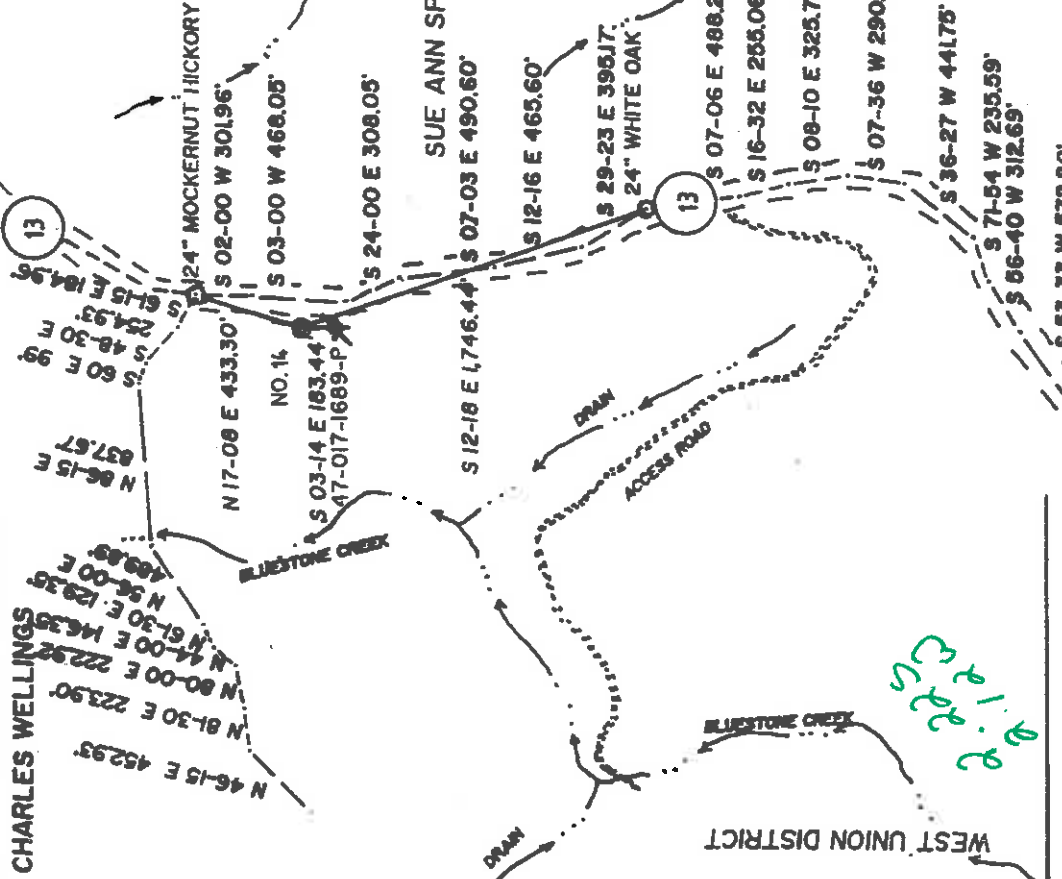
NOTE: DUE TO DEED ERROR, CORNER MONUMENTS SHOWN AND TIED HEREON WILL NOT SCALE.

*Gregory A. Smith*  
4/11/94

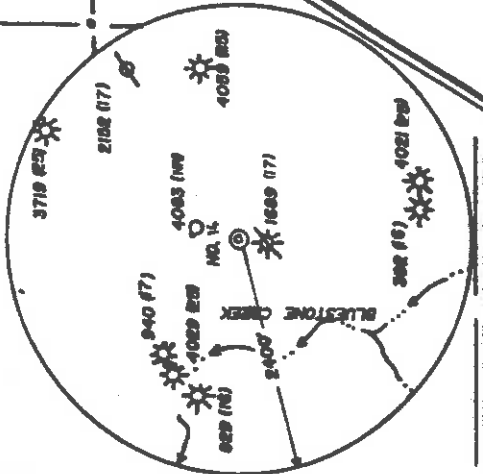
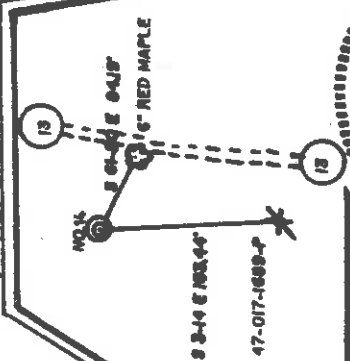
1557.637 ACRES ±  
YELLERJACKET WELL NO. 14

LATITUDE 39° 17' 30"

LONGITUDE 80° 42' 30"



### REFERENCES



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

DATE APRIL 7, 1994

OPERATORS WELL NO. YELLERJACKET #14

API WELL NO.

STATE 47 COUNTY 017 PERMIT 4118

MINIMUM DEGREE OF ACCURACY 1/200

FILE NO. 3149 (44-29)

PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1233'

SCALE 1" = 1000'

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



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

LOCATION: ELEVATION 1222' DISTRICT WEST UNION COUNTY DOORBRIDGE WATERSHED BLUESTONE CREEK OF MIDDLE ISLAND CREEK

SURFACE OWNER MARY LOU HOLLAND QUADRANGLE SMITHBURG 7.6' Cont. Tol. 1/2" S.W.

ROYALTY OWNER MARY LOU HOLLAND ET. AL. ACREAGE 1557.637

PROPOSED WORK: LEASE NO. 1557.637

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 5,999'

WELL OPERATOR ANVIL OIL CO INC DESIGNATED AGENT JUSTIN M. HENDERSON

ADDRESS P.O. BOX 1230 FAIRMONT, WY 26554-1230

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626 99

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: 1,222.00  
District: West Union  
Latitude: 11800 Feet South of  
Longitude: 11150 Feet West of  
Operators Well No.: YellerJacket #14  
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: 04/11/94  
Well Work Commenced: 04/12/94  
Well Work Completed: 04/19/94  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5362'  
Fresh Water Depths (ft) 340'  
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	1230	1217	316
4 1/2	5362	5279	480

OPEN FLOW DATA

Producing formation Alexander Pay zone depth (ft) 5177'  
Gas: Initial open flow 30 MCF/D Oil: Initial open flow 0 BBL/D  
Final open flow 1113 MCF/D Final open Flow 0 BBL/D  
Static Rock Pressure 1650# psig (surface pressure) after 4 Hours

Second producing formation Benson, Riley, Balltown Pay zone depth (ft) 3211-4894'  
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

MAR 2 1995

Stage	Formation	Perfs	Sand	N2
1st	Alexander	5182-5209	300sk	351,000
2nd	Benson	4890-4893	300sk	344,000
3rd	Balltown	4000-4028	350sk	328,000
4th	Warren Speechley	3253-3366	400sk	291,000

### Drillers Log

Formation	Top	Bottom	Formation	Depth top
Dirt	0	20	Big Lime	1854
Coal	20	51	Berea	2364
Sd/Sh	51	530	Gordon	2550
RR	530	897	Benson	4887
Sd/Sh	897	985		
Sh/Sd	985	1124		
Shale	1124	1858		
Lime	1858	1978		
Sand	1960	2025	gas ck @ 1903' 02/10 1" w/w	
Sd/Sh	2025	2245	gas ck @ 2649' 10/10 1" w/w	
Sd	2245	2570	gas ck @ 3277' 08/10 1" w/w	
Sd/Sh	2570	4089	gas ck @ 4151' 08/10 1" w/w	
Sd	4089	4121	gas ck @ 4897' 08/10 1" w/w	
Sd/Sh	4121	5400	gas ck @ T.D. 08/10 1" w/w	
Td		5400		

### Electric Log Tops

47-017-04418

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION  
Office of 48

Issued 4/11/94  
Expires 4/11/96

Well Operator: ANVIL OIL COMPANY, INC.

Operator's Well Number: WELL NO. 2275 3) Elevation: 1,222

Well Type: (a) Oil    / or Gas    /

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

Proposed Target Formation(s): ALEXANDER 439

6) Proposed Total Depth: 5,999 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    /

11) Proposed Well Work: DRILL AND STIMULATE

12) CASING AND TUBING PROGRAM

*New Well*

TYPE	SPECIFICATIONS			FOOTING INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in Well	
Conductor						Fill-up (cu. ft.)
Fresh Water	8 5/8"		23#	1,222 - <del>1,310'</del>	1,222 <del>1,310'</del>	<i>M.L. M.M.</i> CEMENT TO SURFACE
Coal						<i>38CS8A/13</i>
Intermediate						
Production	4 1/2"		10.5#	5,999'	5,999'	350 sacks
Tubing						<i>38CS8A/13</i>
Liners						

PACKERS: Kind \_\_\_\_\_ Sizes \_\_\_\_\_ Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

*1240 #12*

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

Plat  WW-9  WW-2B  Bond  Agent

*Bumpert 4-657* (Type)

APR 11 1994  
Permitting  
Office of Oil & Gas

1) Date: 4-1-94  
2) Operator's well number  
YellerJacket # 14  
3) API Well No: 47 - 017 - 418  
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)-782-1042

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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 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 April Oil Company Inc.  
By: \_\_\_\_\_  
Its: President  
Address 1909 Locust Ave.  
Fairmont WV 26456

Subscribed and sworn before me this 11 day of April, 1994

\_\_\_\_\_  
My commission expires 5/1/2000 Notary Public