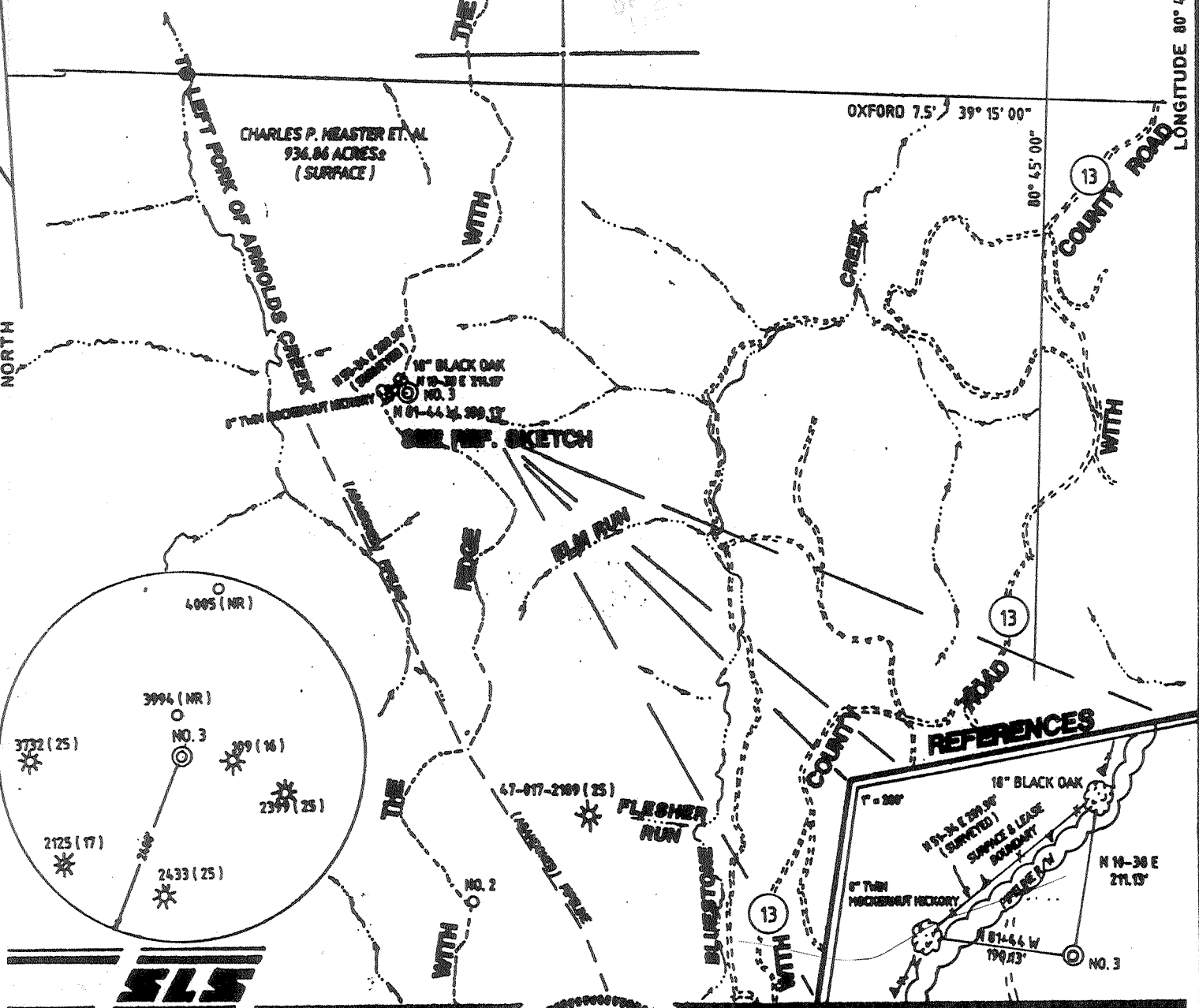


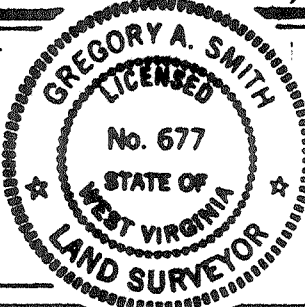
LATITUDE 39° 15' 00"

# YELLERJACKET WELL # 3

# HENDERSON LEASE 1567.64 ACRES±



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE OCTOBER 1, 19 93  
 OPERATORS WELL NO. YELLERJACKET # 3  
 API WELL NO. 47 - 017 - 04053  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100 (42-77)  
 SCALE 1" = 2000'  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1323'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 1163' WATERSHED BLUESTONE CREEK  
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER JUSTIN M. HENDERSON ACREAGE 1567.64  
 ROYALTY OWNER JUSTIN M. HENDERSON ET. AL LEASE ACREAGE 1567.64

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
 DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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'

WELL OPERATOR ANYL OIL CO. Inc. DESIGNATED AGENT JUSTIN L. HENDERSON  
 ADDRESS P.O. BOX 1230 FAIRMONT, WY. 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WY. 26554-1230

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: HENDERSON, JUSTIN M. Operator Well No.: YELLER/JACKET#3

LOCATION: Elevation: 1,163.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE  
Latitude: 4060 Feet South of 39 Deg. 15Min. Sec.  
Longitude 8290 Feet West of 80 Deg. 45 Min. Sec.

Company: ANVIL OIL CO., INC.  
P. O. BOX 1230  
FAIRMONT, WV 26554-1230

Agent: JUSTIN L. HENDERSON

Inspector: MIKE UNDERWOOD  
Permit Issued: 10/14/93  
Well work Commenced: 10-12-93  
Well work Completed: 10-19-93  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary Cable Rig  
Total Depth (feet) 5391  
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? no  
Coal Depths (ft): none

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	162	162	80sks
8 5/8	1309	1309	350sks
4 1/2	5291	5291	525sks

OPEN FLOW DATA

Producing formation Alexander/Benson Pay zone depth (ft) 5140'  
Gas: Initial open flow 60mcf MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1210mcf MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1750# psig (surface pressure) after 4hrs Hours

Second producing formation Warren/Riley Pay zone depth (ft) 3250'  
Gas: Initial open flow 60mcf MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow \* MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1750 psig (surface pressure) after 4hrs 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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: ANVIL OIL CO., INC. Justin Henderson

By: \_\_\_\_\_  
Date: \_\_\_\_\_

Stage	Formation	Perfs	Sand	N2
1st	Alexander	5146-5204	450sks	474,000
2nd	Benson Riley	4693-4865	300sks	346,000
3rd	Balltown	3669-4440	250sks	272,000
4th	Warren Speechley	3226-3346	350sks	323,000

#### Drillers Log

Formation	Top	Bottom
Dirt	0	20
Sd/Sh	20	251 Damp 82'
RR	251	311
Sh/Sd	311	1125
Sd	1125	1340
Sd/Sh	1340	1779
Lime	1779	1790
Sh	1790	1820
Lime	1820	1913
Sand	1913	1972
Sd/Sh	1972	2525
Sd	2525	2778
Sd/Sh	2778	5391
Td		5391

#### Electric Log Tops

Formation	Depth top
Big Lime	1822
Berea	2333
Gordon	2526
Benson	4858

47-017-04053

Issued 10/14/93

Expires 10/14/95

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

18052

Well Operator: ANVIL OIL CORPORATION, INC. <sup>0048</sup> 2275 ⑧ 526

Operator's Well Number: YELLERJACKET WELL #3 3) Elevation: 1163'

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

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

Proposed Target Formation(s): ALEXANDER 439

**RECEIVED**

WV Division of Environmental Protection

OCT 0 8 93

Proposed Total Depth: 5500 feet

Approximate fresh water strata depths: \_\_\_\_\_

Approximate salt water depths: N/A

Approximate coal seam depths: N/A

Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X /

Proposed Well Work: DRILL & STIMULATE

*New Well*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTING INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in Well <sup>NEED</sup> (cu. ft.)
Conductor	11-3/4"		45	175' 40'	0 SACKS
Fresh Water	8-5/8"		23#	1163' 1490'	CEMENT TO SURFACE
Coal			45		
Intermediate				385R CS 11.3	
Production	4-1/2"		10.5#	5500'	350 SACKS
Tubing					
Liners					385R 11.1

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 Blanket  Agent

1) Date: OCTOBER 8, 1993  
2) Operator's well number  
YELLERJACKET WELL #3  
3) API Well No: 47 - 017 - 4053  
State - County - Permit

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name JUSTIN M. HENDERSON  
Address 108 WOOD 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

5) (a) Coal Operator:  
Name N/A  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name N/A  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_

**RECEIVED**

WV Division of Environmental Protection

OCT 08 93

Permitting Office of Oil & Gas

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 7 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.

Well Operator ANVIL OIL COMPANY, INC.  
By: [Signature]  
Its: PRESIDENT  
Address 1909 LOCUST AVENUE  
FAIRMONT, WV 26554  
Telephone (304) 363-1362

Subscribed and sworn before me this 8th day of OCTOBER, 1993

Gregory A. Smith Notary Public  
My commission expires DECEMBER 7, 2002