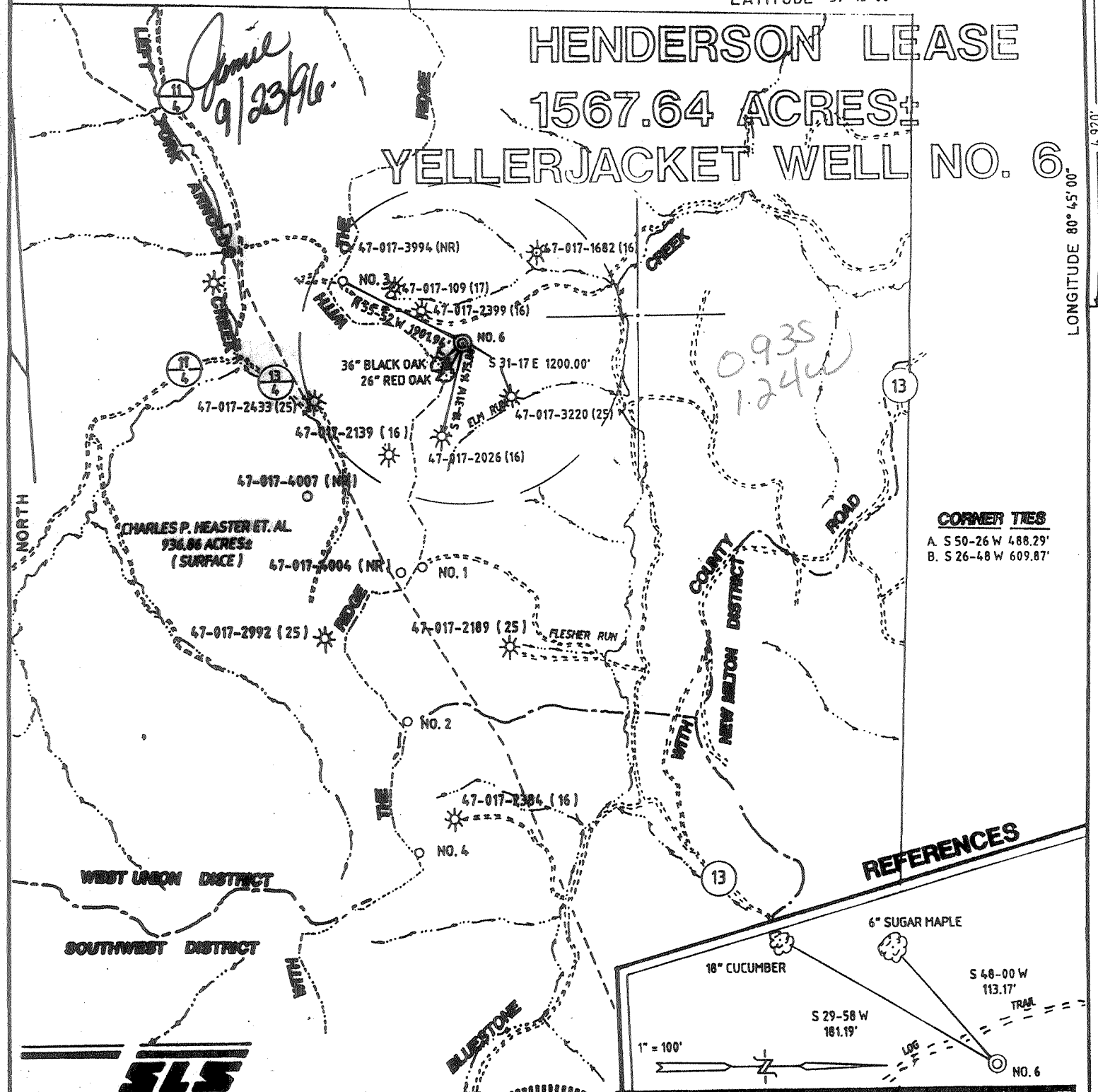
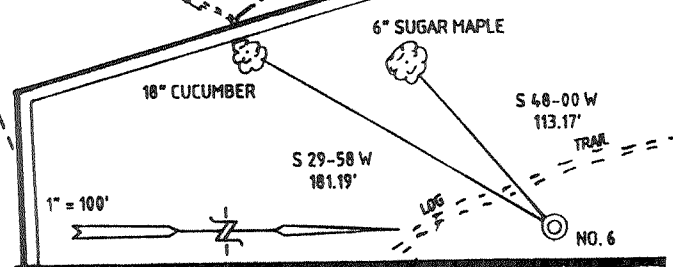


# HENDERSON LEASE 1567.64 ACRES YELLERJACKET WELL NO. 6

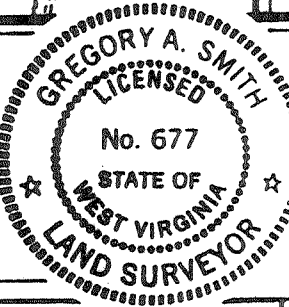


**CORNER TIES**  
 A. S 50-26 W 488.29'  
 B. S 26-48 W 609.87'

### 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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE OCTOBER 14, 19 93  
 OPERATORS WELL NO. YELLERJACKET # 6  
 API WELL NO. 47-017-04055W  
 STATE COUNTY PERMIT

L.L.S. 677 Gregory A. Smith

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100 (42-78)  
 PROVEN SOURCE OF ELEVATION U.S.G.S. STA. MAXWELL ELEVATION 1395' SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1118' 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  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) Free existing well thru formation TARGET FORMATION ALEXANDER  
 DEPTH 5500'

WELL OPERATOR ANYA 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

575

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: 0048 Anvil Oil and Gas Company 2275 (8) 526
- 2) Operator's Well Number: Yellerjacket 6 3) Elevation: 1118'
- Well type: (a) Oil \_\_\_ / or Gas X /  
(b) If Gas: Production X / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow X /
- 4) Proposed Target Formation(s): 439 Alexander
- 5) Proposed Total Depth: 5500' feet
- 6) Approximate fresh water strata depths: 100'
- 7) Approximate salt water depths: n/a
- 8) Approximate coal seam depths: n/a
- 9) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X /
- 10) Proposed Well Work: rework Existing Well
- 11)
- 12)

Issued 09/23/96  
Expires 09/23/98

RECEIVED  
Environmental Protection  
Office of Oil & Gas  
Permitting  
SEP 09 1996

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS	Left in well	CEMENT
	Size	Grade					
Conductor	11 3/4				175'	175'	
Fresh Water	8 5/8		23#		1118'	1176'	350 SKS.
Coal							from well records
Intermediate							EMISTO
Production	4 1/2		10.5		5500'	5400'	350 sacks
Tubing						520'	700 SKS
Liners							

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

For Office of Oil and Gas Use Only

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

1935/24

**RECEIVED**  
WV Division of  
Environmental Protection

SEP 09 1996  
Permitting  
Office of Oil & Gas

- 1) Date: \_\_\_\_\_
- 2) Operator's well number  
Yellerjacket # 6
- 3) API Well No: 47 - 017 - 4055 - W  
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Justin Henderson Name \_\_\_\_\_  
Address 108 Wood Street Address \_\_\_\_\_  
West Union WV 26546
- (b) Name \_\_\_\_\_ (b) Coal Owner(s) with Declaration  
Address \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_
- (c) Name \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_
- 6) Inspector Mike Underwood (c) Coal Lessee with Declaration  
Address Rt. 2, Box 135 Name \_\_\_\_\_  
Salem, WV 26426 Address \_\_\_\_\_  
Telephone (304)- 782-1043

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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 22-6 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.

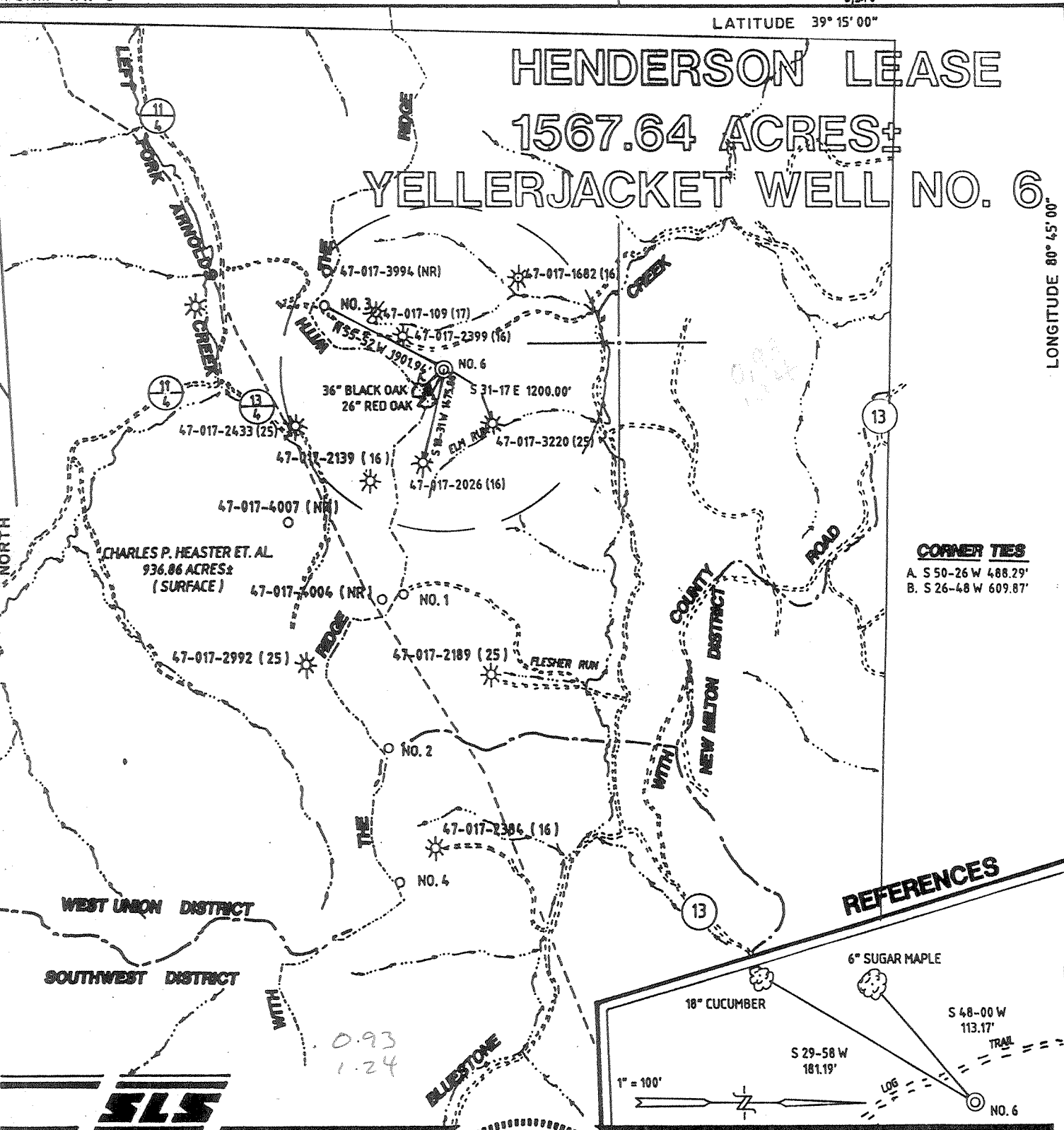
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Aavil Oil and Gas Co  
 By: Justin L. Henderson  
 Its: President  
 Address P.O. Box 1230  
Fairmont, WV 26554  
 Telephone 304 363 1362

Subscribed and sworn before me this 19th day of August, 19 96

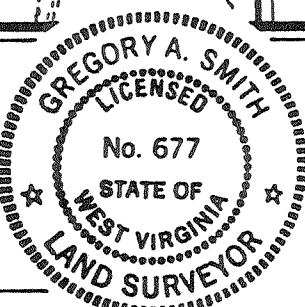
Belinda Byrne Notary Public  
 My commission expires 11/12/2000

# HENDERSON LEASE 1567.64 ACRES± YELLERJACKET WELL NO. 6



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 OCTOBER 14, 19 93  
OPERATORS WELL NO. YELLERJACKET # 6  
API WELL NO. 47 - 017 - 4055  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100 (42-78)  
PROVEN SOURCE OF ELEVATION U.S.G.S. STA. MAXWELL ELEVATION 1395' SCALE 1" = 2000'

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 1118' WATERSHED BLUESTONE CREEK  
DISTRICT WEST UNION COUNTY DOODRIDGE QUADRANGLE OXFORD 7.5' Wallb NE

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' *10/15/1993*

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

COUNTY NAME  
PERMIT

66133

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#6

LOCATION: Elevation: 1,118.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE  
Latitude: 4920 Feet South of 39 Deg. 15Min. Sec.  
Longitude 6570 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: 04-17-94  
Well work Completed: 04-23-94  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5275  
Fresh water depths (ft) 125'  
Salt water depths (ft) N/A

Is coal being mined in area (Y/N)?<sup>10</sup>  
Coal Depths (ft): none

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	1176	1176	350sks
4 1/2	5201	5201	760sks

OPEN FLOW DATA

Producing formation Alexander/Benson Pay zone depth (ft) 5050'  
Gas: Initial open flow 253mcf MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1290mcf 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) 3170'  
Gas: Initial open flow 253mcf 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: \_\_\_\_\_

MAR 5 1995

Stage	Formation	Perfs	Sand	N2
1st	Alexander	5050-5111	370sks	296,000
2nd	Benson	4770-4772	380sks	255,000
3rd	Balltown	3668-3922	350sks	351,000
4th	Warren Speechley	3140-3260	350sks	328,000

#### Drillers Log

Formation	Top	Bottom
Dirt	0	10
Sd/Sh	10	235 Damp 125'
RR	235	305
Sh/Sd	305	410
Sd	410	425
Sd/Sh	425	480
Shale	480	1762
Lime	1762	1844
Sand	1844	1915
Sd/Sh	1915	2497
Sd	2497	2503
Sd/Sh	2503	4820
Sd	4820	4830
Sd/Sh	4830	5275
Td		5275

#### Electric Log Tops

Formation	Depth top
Big Lime	1754
Berea	2250
Gordon	2436
Benson	4773

47-017-04055

Issued 10/14/93

Expires 10/14/95

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

1) Well Operator: ANVIL OIL COMPANY, INC. <sup>0048</sup> 2275 <sup>8</sup> 56

2) Operator's Well Number: YELLERJACKET WELL #6 3) Elevation: 1118'

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

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

Proposed Target Formation(s): ALEXANDER 439

Proposed Total Depth: 5500' feet

Approximate fresh water strata depths: 100'

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	11-3/4"			175'	175'	CTS <i>Pit M. E. Co.</i>
Fresh Water	8-5/8"		23#	1118'	1118'	CTS
Coal						
Intermediate						
Production	4-1/2"		10.5#	5500'	5400'	350 SACKS
Tubing						
Liners						

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

RECEIVED  
WV Division of  
Environmental Protection

OCT 14 93

For Division of Oil and Gas Use Only

Permitting  
Office of Oil & Gas

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

18054

923  
21

1) Date: October 8, 1993  
2) Operator's well number  
Yellerjacket Well #6  
3) API Well No: 47 - 017 - 4055  
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 Justin M. Henderson  
Address 108 Wood Street  
West Union, WV 26456  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

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

6) Inspector Mike Underwood  
Address Rt. 2, Box 135  
Salem, WV 26426  
Telephone (304) - 782-1043

(c) Coal Lessee with Declaration  
Name N/A  
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 Anvil Oil Company, INC.  
By: Justin M. Henderson  
Its: President  
Address 1909 Locust Avenue  
Fairmont, WV 26554  
Telephone 304-263-3362

Subscribed and sworn before me this 14 day of October, 19 93

James L. King, Jr. Notary Public  
My commission expires 7/8/2000