

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 500 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION Well 47-107-1096  
 ELEV. = 730'

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 MINES.

*Mark C. Echard*  
 (SIGNED) MARK C. ECHARD

R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE MARCH 30, 1983  
 OPERATOR'S WELL NO. ONE - F  
 API WELL NO. 47 - 107 - 1264.DD  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*DEP shows no info on a deepening*

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

LOCATION: ELEVATION 700' WATER SHED CARPENTER RUN  
 DISTRICT UNION COUNTY WOOD  
 QUADRANGLE VALLEY MILLS 7.5' *Marietta 15' SC*

SURFACE OWNER GRACE HIVELY, et vir ACREAGE 61.09  
 OIL & GAS ROYALTY OWNER GRACE HIVELY, et vir LEASE ACREAGE 61.09  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500'  
 WELL OPERATOR GENE STALNAKER, INC. DESIGNATED AGENT MR. GENE STALNAKER  
 ADDRESS P.O. BOX 178 - 220 W. MAIN ST. ADDRESS P.O. BOX 178 - 220 W. MAIN ST.  
 GLENVILLE, W. VA. 26351 GLENVILLE, W. VA. 26351

JAN 9 1984

5-23-83

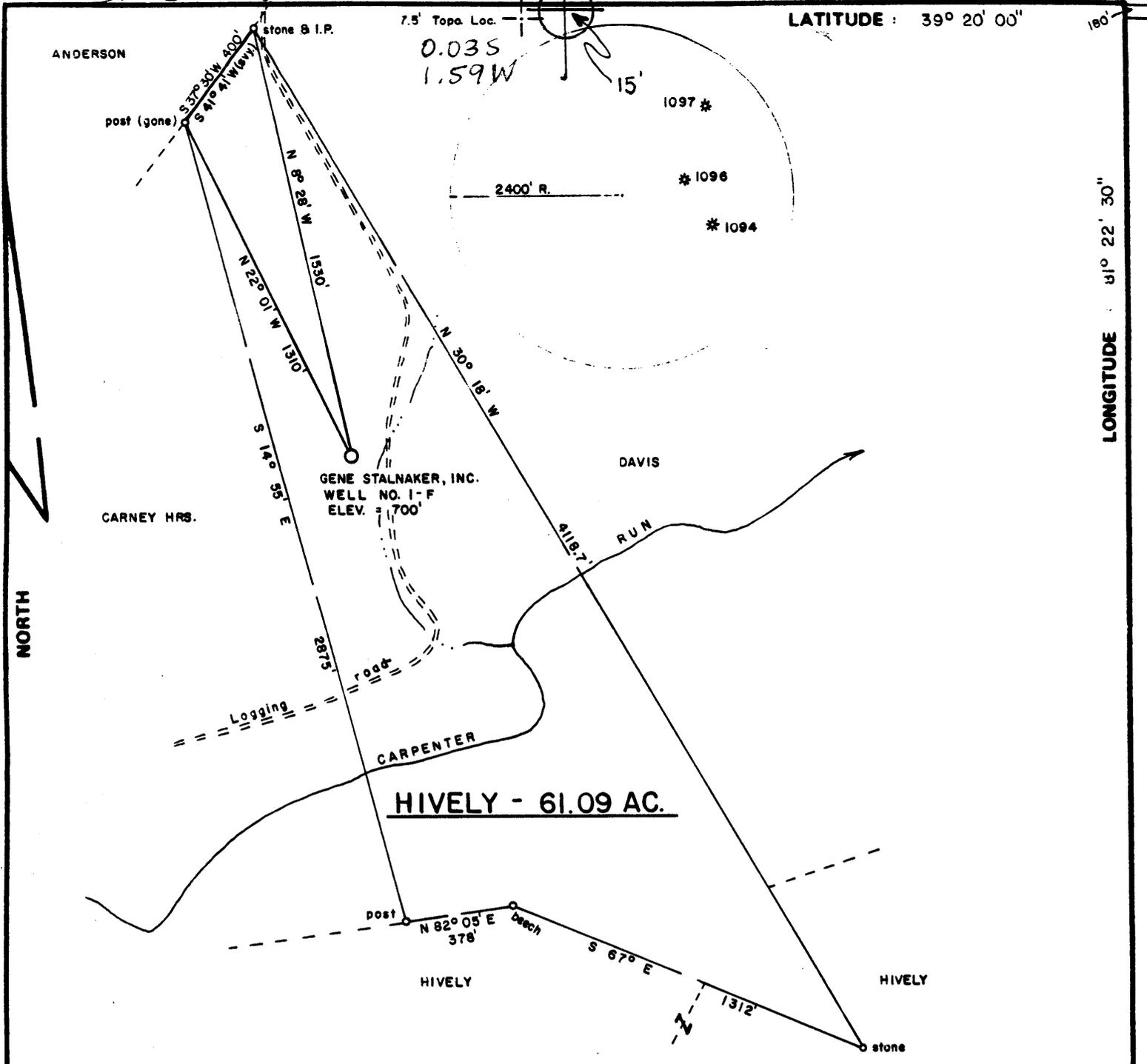
0.035  
3.82W

8380'

LATITUDE: 39° 20' 00"

180'

LONGITUDE: 81° 22' 30"



HIVELY - 61.09 AC.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 500 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION Well 47-107-1096  
 ELEV. = 730'

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 MINES. Mark C. Echard  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

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

FORM IV-6  
(8-78)



DATE MARCH 30, 1983  
 OPERATOR'S WELL NO. ONE - F  
 API WELL NO. 47 - 107 - 1264  
 STATE WEST VIRGINIA COUNTY WOOD PERMIT 1264

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 700' WATER SHED CARPENTER RUN  
 DISTRICT UNION COUNTY WOOD  
 QUADRANGLE VALLEY MILLS 7.5' Marietta 15' SC  
 SURFACE OWNER GRACE HIVELY, et vir ACREAGE 61.09  
 OIL & GAS ROYALTY OWNER GRACE HIVELY, et vir LEASE ACREAGE 61.09  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500'  
 WELL OPERATOR GENE STALNAKER, INC. DESIGNATED AGENT MR. GENE STALNAKER  
 ADDRESS P.O. BOX 178 - 220 W. MAIN ST. ADDRESS P.O. BOX 178 - 220 W. MAIN ST.

1971 0001

IV-35  
(Rev 8-81)

**RECEIVED**  
NOV 18 1987



DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date October 12, 1984  
Operator's  
Well No. 11E  
Farm Hively  
API No. 47 - 107 - 1264

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection     / Waste Disposal     /  
(If "Gas," Production     / Underground Storage     / Deep x / Shallow     /)

LOCATION: Elevation: 700' Watershed Carpenter Run  
District: Union County Wood Quadrangle Valley Mills

COMPANY Big A Oil Company  
ADDRESS Box 83, Harrisville, WV 26362  
DESIGNATED AGENT A D Steed  
ADDRESS Same as above  
SURFACE OWNER Grace Hively  
ADDRESS Rt. 1, Waverly, WV  
MINERAL RIGHTS OWNER Grace Hively  
ADDRESS Same as Above  
OIL AND GAS INSPECTOR FOR THIS WORK Homer Daugherty  
ADDRESS Box 3-1, Looneyville, WV  
PERMIT ISSUED 5/31/83  
DRILLING COMMENCED 10/2/83  
DRILLING COMPLETED 10/7/83  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON    

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cowl.			
13-10"			
9 5/8			
8 5/8	1000'	1000'	to surf
7			
5 1/2			
4 1/2	4566	4566	3142'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3142' - 3448' feet  
Depth of completed well 4566' feet Rotary x / Cable Tools      
Water strata depth: Fresh 140 feet; Salt N/A feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea, Balltown, Gordon, Bradford, Riley, Alexander Pay zone depth 3142' - 3448' feet  
Gas: Initial open flow 1.000 Mcf/d Oil: Initial open flow Show Bbl/d  
Final open flow 1.000 Mcf/d Oil: Final open flow Show Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 400 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation     Pay zone depth     feet  
Gas: Initial open flow     Mcf/d Oil: Initial open flow     Bbl/d  
Final open flow     Mcf/d Oil: Final open flow     Bbl/d  
Time of open flow between initial and final tests     hours  
Static rock pressure     psig (surface measurement) after     hours shut in

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

One Stage Perforation

Gordon	Balltown	Riley	
3142	3409	3970	3988
3144	3411	3972	
3146	3413	3974	
3148	3415	3976	
3150	3417	3978	
3162	3429	3980	
3164	3431	3982	
3166	3433	3982	
3168	3435	3984	
3170	3437	3986	

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
			0	10	Sand 3308 3575
			10	325	Shale 3575 3614
			325	364	Bradford 3614 3850
			364	715	Shale 3850 3938
			715	807	Riley 3938 3960
			807	990	Shale 3960 4401
			990	1020	Alexander 4401 4436
			1020	1100	Shale 4436 4566
			1100	1180	
			1180	1240	
			1240	1305	
			1305	1435	
			1435	1520	
			1520	1575	
			1575	1605	
			1605	1685	
			1685	1747	
			1747	1840	
			1840	1928	
			1928	1950	
			1950	1962	
			1962	1970	
			1970	2016	
			2016	2170	
			2170	2212	
			2212	2259	
			2259	2294	
			2294	2308	
			2308	2320	
			2320	2370	
Gordon			2370	2398	
Sand			2398	2485	
Shale			2485	2640	
Sand			2640	2800	
Shale			2800	2818	
Sand			2818	2942	
Shale			2942	3200	
Balltown			3200	3308	

(Attach separate sheets as necessary)

**RECEIVED**  
NOV 18 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Big A Oil Company

Well Operator

By:

*[Signature]*

Designated Agent

Date:

10/12/84

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."



IV-35  
(Rev 8-81)

Date October 12, 1984  
Operator's  
Well No. 1E  
Farm Hively  
API No. 47-107-1264

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection     / Waste Disposal     /  
(If "Gas," Production     / Underground Storage     / Deep x / Shallow     /)

LOCATION: Elevation: 700' Watershed Carpenter Run  
District: Union County Wood Quadrangle Valley Mills

COMPANY Big A Oil Company  
ADDRESS Box 83, Harrisville, WV 26362  
DESIGNATED AGENT A D Steed  
ADDRESS Same as above  
SURFACE OWNER Grace Hively  
ADDRESS Rt. 1, Waverly, WV  
MINERAL RIGHTS OWNER Grace Hively  
ADDRESS Same as Above  
OIL AND GAS INSPECTOR FOR THIS WORK Homer Daugherty  
ADDRESS Box 3-1, Looneyville, WV  
PERMIT ISSUED 5/31/83  
DRILLING COMMENCED 10/2/83  
DRILLING COMPLETED 10/7/83  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON    

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8			
8 5/8	1000'	1000	to surf
7			
5 1/2			
4 1/2	4566	4566	3142'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3142'-3448' feet  
Depth of completed well 4566' feet Rotary x / Cable Tools      
Water strata depth: Fresh 140 feet; Salt N/A feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea, Balltown, Gordon, Bradford, Riley, Alexander Pay zone depth 3142'-3448' feet  
Gas: Initial open flow 1.00 Mcf/d Oil: Initial open flow Show Bbl/d  
Final open flow 1.00 Mcf/d Oil: Final open flow Show Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 400 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation     Pay zone depth     feet  
Gas: Initial open flow     Mcf/d Oil: Initial open flow     Bbl/d  
Final open flow     Mcf/d Oil: Final open flow     Bbl/d  
Time of open flow between initial and final tests     hours  
Static rock pressure     psig (surface measurement) after     hours shut in

(Continue on reverse side)

DEC 17 1984

(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

One Stage Perforation

Gordon	Balltown	Riley
3142	3409	3970
3144	3411	3972
3146	3413	3974
3148	3415	3976
3150	3417	3978
3162	3429	3980
3164	3431	3982
3166	3433	3982
3168	3435	3984
3170	3437	3986

op Dev  
Indiff

Huron

Angola

3988

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS	
					Including indication of all fresh and salt water, coal, oil and gas	
Soil			0	10	Sand	3308 3575
R.R.			10	325	Shale	3575 3614
Sand			325	364	Bradford	3614 3850
R.R.			364	715	Shale	3850 3938
Sand			715	807	Riley	3938 3960
Shale			807	990	Shale	3960 4401
Sand			990	1020	Alexander	4401 4436
R.R.			1020	1100	Shale	4436 4566
Sand			1100	1180		
Shale			1180	1240		
Sand			1240	1305		
Shale			1305	1435		
Sand			1435	1520		
Shale			1520	1575		
R.R.			1575	1605		
Shale			1605	1685		
Sand			1685	1747		
Shale			1747	1840		
Sand			1840	1928		
Shale			1928	1942		
Sand			1942	1960		
Lime			1960	1970		
Shale			1970	2016		
Berea			2016	2170		
Sand			2170	2212		
Shale			2212	2259		
Sand			2259	2294		
Shale			2294	2308		
Sand			2308	2320		
Shale			2320	2370		
Gordon			2370	2398		
Sand			2398	2485		
Shale			2485	2640		
Sand			2640	2800		
Shale			2800	2818		
Sand			2818	2942		
Shale			2942	3200		
Balltown			3200	3308		

Angola  
@TD

4566  
 700  
 3866  
 3300  
 560

3700

(Attach separate sheets as necessary)

Big A Oil Company  
Well Operator

By: [Signature] Designated Agent

Date: 10/12/84

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



1) Date: \_\_\_\_\_, 19\_\_\_\_  
 2) Operator's Well No. \_\_\_\_\_  
 3) API Well No. 47 107 1004  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

DRILLING CONTRACTOR:

Gene Stalnaker, Inc.  
P.O. Box 178  
Glenville, WV 26351

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 700 Watershed: Carpenter Run  
 District: Union County: Wood Quadrangle: Valley Mills 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 11) DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178 Address P.O. Box 178  
Glenville, WV 26351 Glenville, WV 26351
- 7) OIL & GAS ROYALTY OWNER Grace Nively et.al. 12) COAL OPERATOR n/a  
 Address Rt. 1 Address \_\_\_\_\_  
Waverly, WV  
 Acreage 61.09
- 8) SURFACE OWNER Grace Nively 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. 1 Name n/a  
Waverly, WV Address \_\_\_\_\_  
 Acreage 61.09 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name James Dougherty  
 Address Box 3-A Leoneyville, WV  
257-4591
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name n/a  
 Address \_\_\_\_\_

- 15) PROPOSED WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL INFORMATION, Devonian Shale  
 Estimated depth of completed well, 5500 feet  
 Approximate water strata depths: Fresh, 140 feet; salt, \_\_\_\_\_ feet.  
 Approximate coal seam depths: n/a Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

17) CASING AND TUBING PROGRAM

TUBING TYPE	Size	Grade	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS (Cubic feet)	PACKERS	
			Weight per ft.	New	Used	For drilling		Left in well	Kinds
Conductor	4 1/2"				X	40'			
Fish tail									
Intermediate	5 5/8"	CV	201b	X		800'	800'	To Surface	
Production	6 1/2"	ERW	10.50	X		5500'	2000' FILL	2000' FILL	Depths set
Tubing							Up		
Electrical									Perforations:
									Top Bottom

- 21) EXTRACTION RIGHTS  
 Check and provide one of the following:  
 Included in the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: \_\_\_\_\_  
 My Commission Expires \_\_\_\_\_

Signed: \_\_\_\_\_  
 Its: President

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number \_\_\_\_\_ Date \_\_\_\_\_

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires January 31, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas

**RECEIVED**  
FILE COPY  
JAN 11 1984



1) Date: January 03, 19 84  
 2) Operator's Well No. Hively 1F  
 3) API Well No. 47-107-1264-DD  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

OIL & GAS DIVISION  
**DEPT. OF MINES**  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 700 Watershed: Carpenter Run  
 District: Union County: Wood Quadrangle: Valley Mills 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178 Address P.O. Box 178  
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Jerry Tephabock Name Gene Stalnaker, Inc.  
 Address Box 101A Ripley, WV Address P.O. Box 178  
372-6805 Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill \_\_\_\_\_ / Drill deeper X / Redrill \_\_\_\_\_ / Stimulate X  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, XXXXXXXXXXXXXXXXXXXXX Brown Marcellus  
Devonian Shale
- 12) Estimated depth of completed well, 5500 feet  
 13) Approximate trata depths: Fresh, 140 feet; salt, ----- feet.  
 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes \_\_\_\_\_ / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4				x	40'			Kinds
Fresh water	10 5/8					250'	250'	CTS	} IN PLACE
Coal	7"			x		1700'	1700'	CTS	
Intermediate	8 5/8	CW	20lb	x		800'	800'	<del>CTS</del>	Pulled
Production	4 1/2	ERW	10.50	x			5500'	2000' Fill	
Tubing									Up of as req. by
Liners									Perforations <u>rule 18,101</u>
									Depths set
									Top Bottom

**OFFICE USE ONLY**  
**DRILLING PERMIT**

Permit number 47-107-1264-DD January 4, 19 84

Formerly 47-107-1264

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires January 4, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>MARKET BOND</u>	<u>ls</u>	<u>MU</u>	<u>MH</u>	<u>146.89</u>

*Margaret J. Hase*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.