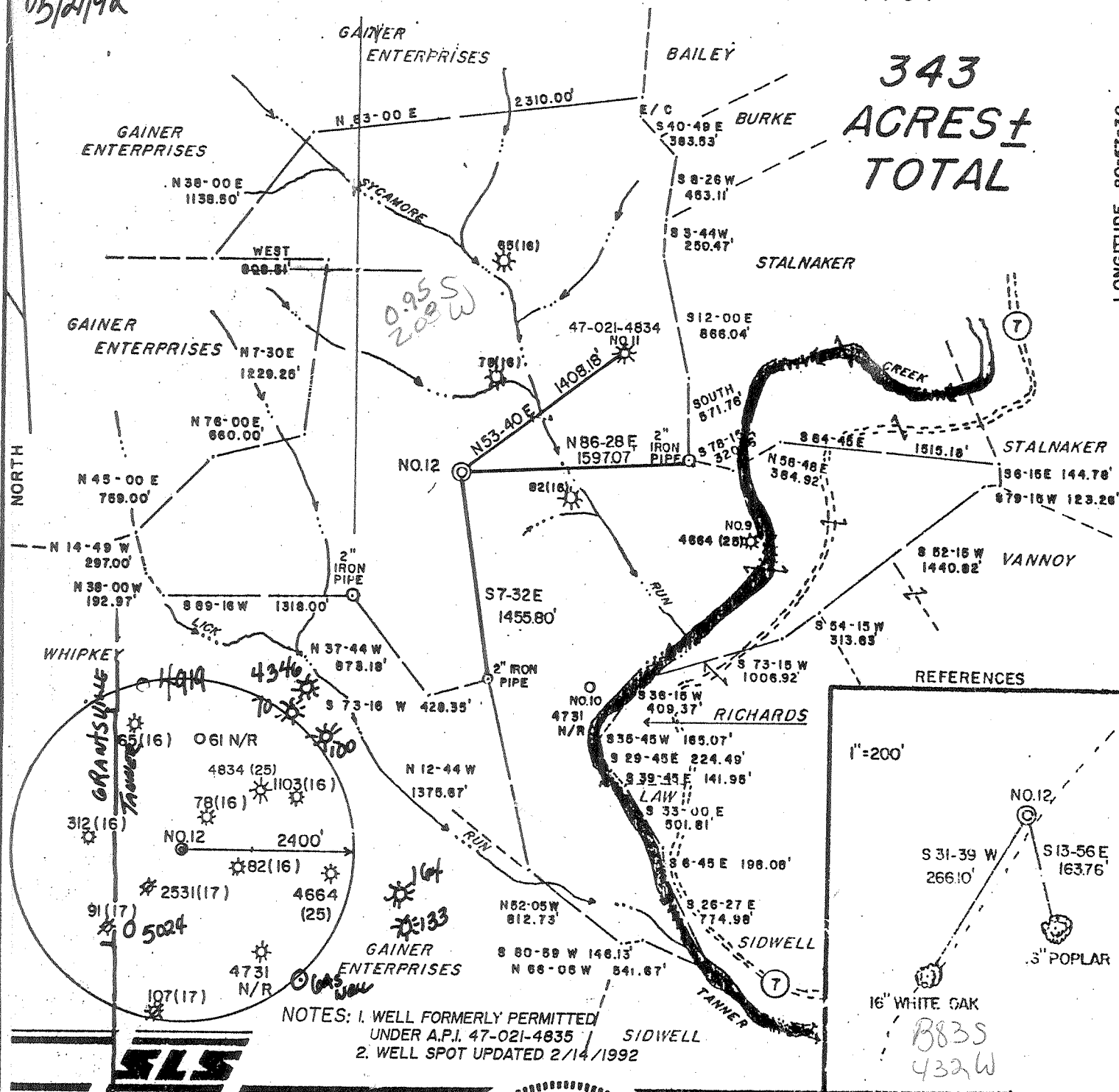


Amel  
5/21/92

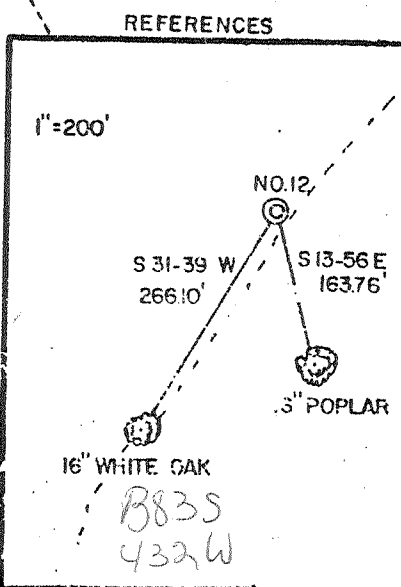
# GAINER LEASE

# WELL NO. 12

## 343 ACRES ± TOTAL

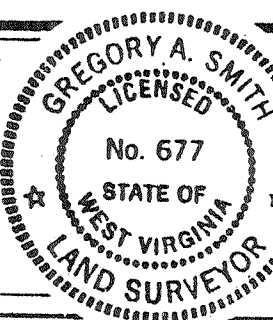


NOTES: 1. WELL FORMERLY PERMITTED UNDER A.P.I. 47-021-4835  
 2. WELL SPOT UPDATED 2/14/1992



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  
 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE OCTOBER 18, 19 89  
 OPERATORS WELL NO. LOYD GAINER NO. 12  
 API WELL NO. 47 - 021 - 5054  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1792 (24-64)  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1071' SCALE 1" = 1000'

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 964' WATERSHED SYCAMORE RUN  
 DISTRICT DEKALB COUNTY GILMER QUADRANGLE TANNER 7.5'  
 SURFACE OWNER GAINER ENTERPRISES, INC. ACREAGE 343 OF '031  
 ROYALTY OWNER GAINER ENTERPRISES, INC. et al LEASE ACREAGE 343

PROPOSED WORK:  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND RE-PLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCE  
 ESTIMATED DEPTH 5900'

WELL OPERATOR ANGERMAN ASSOCIATES, INC. DESIGNATED AGENT WILLIS J. MAXWELL  
 ADDRESS 109 ZETA DRIVE PITTSBURGH, PA 15238 ADDRESS RT 65 BOX 7 GLENVIEW, W. VA 26355

DEEP WELL 6-6 DeKalb (179)

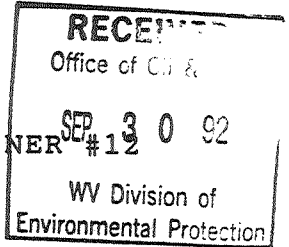
State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: GAINER ENTERPRISES, INC. Operator Well No.: GAINER #12

LOCATION: Elevation: 964.00 Quadrangle: TANNER

District: DEKALB County: GILMER  
Latitude: 5080 Feet South of 38 Deg. 57Min. 30 Sec.  
Longitude 10900 Feet West of 80 Deg. 57 Min. 30 Sec.



Company: ANGERMAN ASSOC., INC.  
109 ZETA DRIVE  
PITTSBURGH, PA 15238-0000

Agent: WILLIS J. MAXWELL

Inspector: CRAIG DUCKWORTH  
Permit Issued: 05/19/92  
Well work Commenced: 6/09/92  
Well work Completed: 6/16/92  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 6222' LTD  
Fresh water depths (ft) Damp @ 540'

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	211.70'	211.70'	Cmt. to surface w/110 sks. reg. Portland
8-5/8"	1951.70'	1951.70'	Cmt. to surface w/500 sks. reg. Portland
4-1/2"	6159.15'	6159.15'	844 ft. <sup>3</sup> 50/50 Pozmix w/gilsonite
1-1/2"	5985.00	5985.00	

OPEN FLOW DATA

Producing formation Speechley through Black Shales Pay zone depth (ft) 3278' KB  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 581 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1200 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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.

Reviewed TM6  
Recorded \_\_\_\_\_

For: ANGERMAN ASSOC., INC.

By: [Signature]  
Date: September 22, 1992

OCT 20 1992

13694

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

Well Operator's Report of Well Work

Farm Name: Gainer Enterprises, Inc.  
Permit No.: 47-021-05054

Operator Well No.: Gainer #12

Details of Perforated Intervals, fracturing or stimulating, physical change, etc.

Formation	Perforations	Treatment			Wlhd Pressure
		20/40 Sand Pounds	Volume Foam Bbl. 20# gel	Slurry Rate bpm	
Deep Shales	5061-6065 (12)	25,000	398	9	2134
Alexander	4906-4945 (14)	35,000	397	12	2520
Benson-Riley	4344-4676 (12)	25,000	368	12	2814
		5,000	(80/100)		
Balltown	3964-4023 (12)	25,000	299	12	2361
Speechley	3278-3311 (11)	25,000	288	14	2297

Well Log

Formation	Coal	Hard or Soft	Top Feet	Bottom Feet	Remarks (Including indication of all fresh and salt water, coal, oil and gas)
RR & Sand & Shale			10	40	
Sand			40	47	
RR & Sandy Shale			47	74	
Coal			74	77	
RR Sandy Shale			77	225	
Sand & Shale			225	569	Damp @ 540'
RR & Sandy Shale			569	767	
Sand & Shale			767	1460	
Sand			1460	1520	
Sandy Shale			1520	1535	
Sand			1535	1603	
Sandy Shale			1603	1675	
Sand			1675	1715	
Sandy Shale			1715	1758	
Salt Sand			1758	1809	
Sand & Shale			1809	1847	
Little Lime			1847	1865	
Shale			1865	1883	
Big Lime			1883	1955	
Injun			1955	2030	Ck. gas @ 2000' 62/10 - 1/2" water
Sand & Shale			2030	2385	
Weir			2385	2463	Ck. gas @ 2462' - no show
Sand & Shale			2463	3164	Ck. Gas @ 2990' - no show

OCT 20 1992

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

Well Operator's Report of Well Work

Farm Name: Gainer Enterprises, Inc.  
Permit No.: 47-021-05054

Operator Well No.: Gainer #12

Sand	3164	3170	
Sand & Shale	3170	3433	Ck. gas @ 3393' - no show
Speechley	3433	3463	
Sandy Shale	3463	3852	
Balltown	3852	3868	
Sandy Shale	3868	4560	Ck. gas @ 3917' - no show
Riley	4560	4575	
Sandy Shale	4575	4675	
Benson	4675	4680	
Sandy Shale	4680	4882	Ck. gas @ 4751' 8/10 - 1/2" w/w
Alexander	4882	4912	
Sandy Shale	4912	5990	Ck. gas @ 5000' 6/10 - 1/2" w/w
Shale	5990	6175	
Marcellus	6175	6185	Ck. gas @ 6205' 6/10 - 1/2" w/w
Onondaga	6185	6205	DTD

(Attach separate sheets as necessary)

Angerman Associates, Inc.

Well Operator

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

Date: September 22, 1992

001 20 1992

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

Permitting  
Office of Oil & Gas

- 1) Well Operator: ANGERMAN ASSOCIATES, INC. 2200 (2) 633
- 2) Operator's Well Number: GAINER WELL NO. 12 3) Elevation: 964'
- 4) Well Type: (a) Oil  or Gas   
(b) If Gas: Production  Underground Storage   
Deep  Shallow
- 5) Proposed Target Formation: Marcellus
- 6) Proposed Total Depth: 5900 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 & Stimulate *New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11-3/4"			40'	0'	0 Sacks
Fresh Water	8-5/8"			800'	800'	} CTS <input type="checkbox"/> 38 CSR 18-11.3 <i>38CSR18-11.2.2</i>
Coal						
Intermediate						
Production	4-1/2"			5900'	5900' ←	CTS or 38 CSR 18-11.1
Tubing						
Liners						

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 LC Blank Agent (Type)

**RECEIVED**  
WV Division of  
Environmental Protection  
MAY 11 92  
Permitting  
Office of Oil & Gas

1) Date: February 14th, 1992  
2) Operator's well number  
GAINER WELL NO. 12  
3) API Well No: 47 - 021 - 5054  
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 Gainer Enterprises, Inc.  
 Address % Mildred Rhoades  
918 Ridgemont Rd., Charleston, WV 25314  
 (b) Name See Attached - Page 3 Of 9  
 Address \_\_\_\_\_  
 (c) Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 5) (a) Coal Operator:  
 Name N/A  
 Address \_\_\_\_\_  
 (b) Coal Owner(s) with Declaration  
 Name N/A  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 (c) Coal Lessee with Declaration  
 Name N/A  
 Address \_\_\_\_\_
- 6) Inspector Craig Duckworth  
 Address Box 107, Davisson Route  
Gassaway, WV 26624  
 Telephone (304)- 364 - 5942

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 9 on the above named parties, by:

- \_\_\_\_\_ Personal Service (Affidavit attached)  
XXX 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 ANGERMAN ASSOCIATES, INC.  
By: \_\_\_\_\_  
Its: Samuel L. Kimmel - President  
Address 109 Zeta Drive  
Pittsburgh, PA. 15238  
Telephone (412) 963 - 0550

Subscribed and sworn before me this 14th day of February, 19 92

Gregory A. Smith  
My commission expires 12-07-92 Notary Public

021-5054

Form WW2-A  
(continued)

Page 3 Of 9  
GAINER WELL NO. 12

Section 4) Surface Owners to be Served:

Marie T. Kidd  
P.O. Box 575  
Sutton, WV 26601

Betty Gainer Parsons  
8801 Moran Lane  
Tampa, FL 33635

Ermal Radabaugh  
4902 Second Avenue  
Parkersburg, WV 26101

Chestnut Orchard Baptist Church  
% Norma Boone  
Route 65-B, Box 8  
Glenville, WV 26351

Georgia Gainer Botanican  
567 Cherry Avenue  
Waynesburg, PA 15370