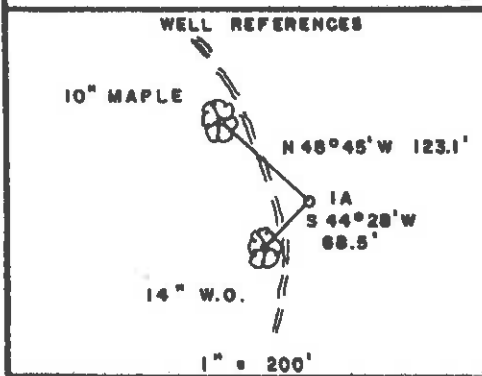
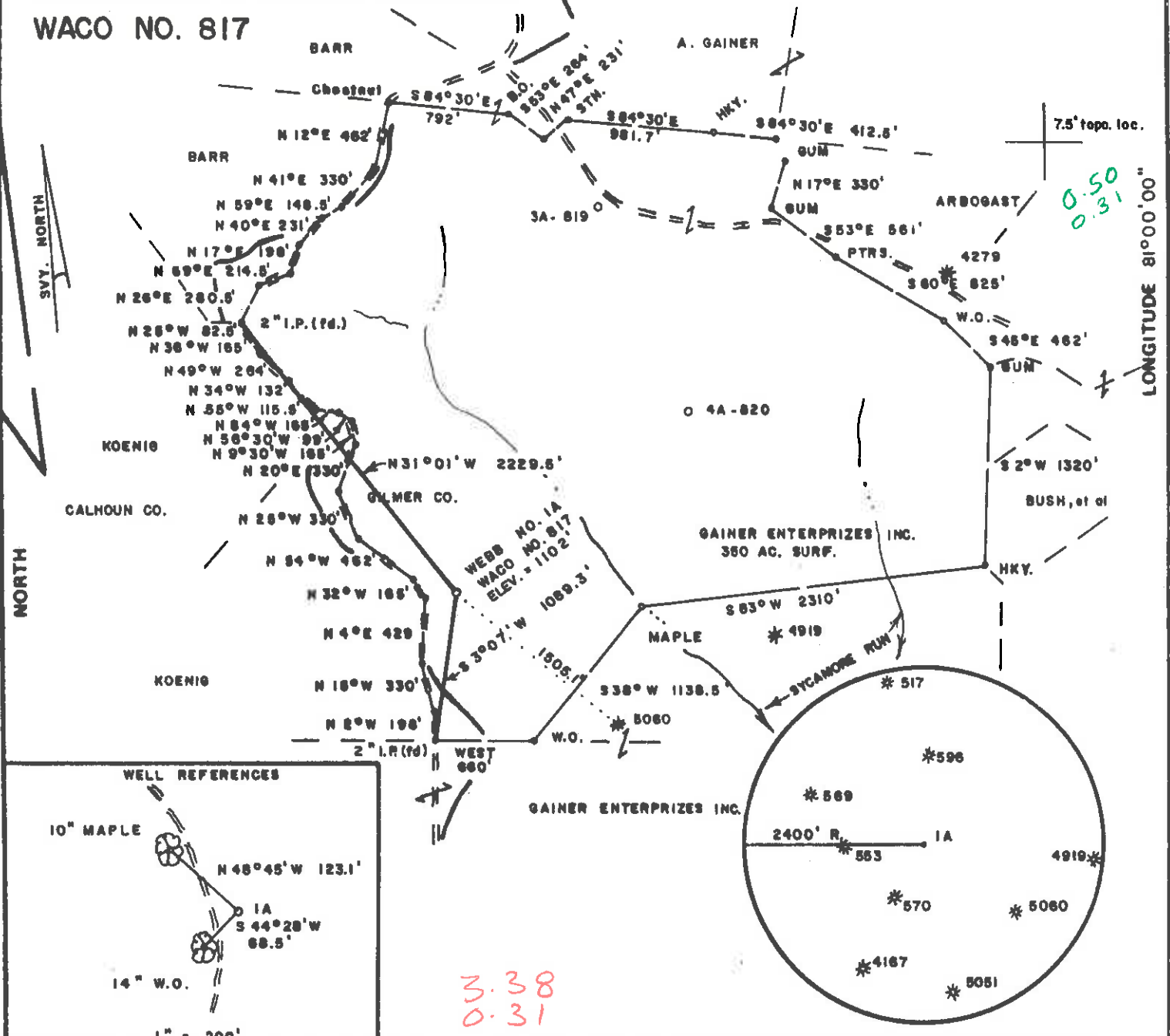


# WEBB LEASE 400 AC. ±

LATITUDE 38°57'30"

## WACO NO. 817



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB NORTH OF LEASE ELEV. = 1165'

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JUNE 18, 1993  
 OPERATOR'S WELL NO. WEBB NO. 1A  
 API WELL NO. WACO NO. 817  
 47 - 021 - 5136  
 STATE COUNTY PERMIT

### 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 1102' WATER SHED SYCAMORE RUN OF TANNER CREEK  
 DISTRICT DEKALB COUNTY GILMER  
 QUADRANGLE GRANTSVILLE 7.5 *Arnold NE*  
 SURFACE OWNER GAINER ENTERPRIZES INC. ACREAGE 350 of 400  
 OIL & GAS ROYALTY OWNER GAINER ENTERPRIZES INC. LEASE ACREAGE 400  
 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) \_\_\_\_\_  
 AUG 8 1993  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 8900'  
 WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT STEPHEN E. HOLLOWAY  
 ADDRESS P.O. BOX 397 ADDRESS P.O. BOX 397  
 GLENVILLE, W. VA. 26351 *933* GLENVILLE, W. VA. 26351

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.: WEBB 1A-WACO 817**

LOCATION: Elevation: **1,102.00** Quadrangle: **GRANTSVILLE**

District: **DEKALB** County: **GILMER**  
Latitude: **2650** Feet South of **38** Deg. **57** Min. **30** Sec.  
Longitude: **1630** Feet West of **81** Deg. Min. Sec.

Company: **WACO OIL & GAS CO., INC.**  
**1297 N. LEWIS ST.**  
**GLENVILLE, WV 26351-0000**

Agent: **STEPHEN E. HOLLOWAY**

INSPECTOR: **CRAIG DUCKWORTH**  
Permit Issued: **08/26/93**  
Well work commenced: **11/16/93**  
Well Work completed: **12/01/93**  
Verbal Plugging  
Permission granted on:  
Rotary  Cable Rig  
Total Depth (feet) **6366'**  
Fresh water depths (ft) **40'**  
Salt water depths (ft) **863'**  
Is coal being mined in area (Y/N)? **N**  
Coal Depths (ft): **NONE**

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	207	207	C.T.S.
8-5/8"	2042	2042	150 Sks.
4-1/2"		6320	675 Sks.

OPEN FLOW DATA

Producing formation **DEVONIAN SHALE** Pay zone depth (ft) **SEE TREAT.**  
Gas: Initial open flow **N/A** MCF/d Oil: Initial open flow **N/A** Bbl/d  
Final open flow **1517** MCF/d Final open flow **SHOW** Bbl/d  
Time of open flow between initial and final tests **4** Hours  
Static Rock pressure **1580** psig (surface pressure) after **48** 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 STIMULATION, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.



For: **WACO OIL AND GAS COMPANY, INC.**

By: **Daniel R. Chapman, Geologist**

Date: **JANUARY 25, 1994**

FEB 10 1994

1st Stage: Devonian Shale, Elk (6260-5484) 1500 gal 15% HCL, 40 ton CO<sub>2</sub>, 773 MCF N<sub>2</sub>

2nd Stage: Elk, Alexander, Benson, Riley (5271-4687) 675 gal 15% HCL, 40 ton CO<sub>2</sub>, 813 MCF N<sub>2</sub>

3rd Stage: Riley, Balltown (4563-4137) 675 gal 15% HCL, 40 ton CO<sub>2</sub>, 900 MCF N<sub>2</sub>

4th Stage: Balltown, Speechly (4033-3461) 675 gal 15% HCL, 35 ton CO<sub>2</sub>, 900 MCF N<sub>2</sub>

Sand, Shale	0	219	Damp @ 40'
Sand, Shale, Red Rock	219	850	
Sand, Shale	850	2038	Damp @ 863'
Little Lime	2038	2056	
Blue Monday	2056	2081	
Big Lime	2081	2120	
Big Injun	2120	2222	
Sand, Shale	2222	3476	
Speechly Section	3476	3808	
Shale	3808	3852	
Balltown Section	3852	4421	
Riley Section	4421	4801	
Shale	4801	4856	
Benson	4856	4860	
Shale	4860	5075	
Alexander	5075	5125	
Shale	5125	5265	
Elk Section	5265	5496	
Shale	5496	6366	T. D.



RECEIVED  
Permitting  
2 5 93

1) Date: August 4, 1993  
2) Operator's well number  
Waco 817 - Webb 1A  
3) API Well No: 47 - 021 - 5136  
State - County - Permit

Permitting  
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 Gainer Enterprises, Inc.  
Address 918 Ridgemont Road  
Charleston, WV 25314
  - (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 \_\_\_\_\_
- (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  
X 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:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- X 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 Waco Oil and Gas Company, Inc.  
By: Stephen E. Holloway Stephen E. Holloway  
Its: Agent  
Address P. O. Box 397  
Glenville, WV 26351  
Telephone (304) 462-5347

Subscribed and sworn before me this 4th day of August, 1993

Sandra Ann Pettit Notary Public  
My commission expires 8-24-97