

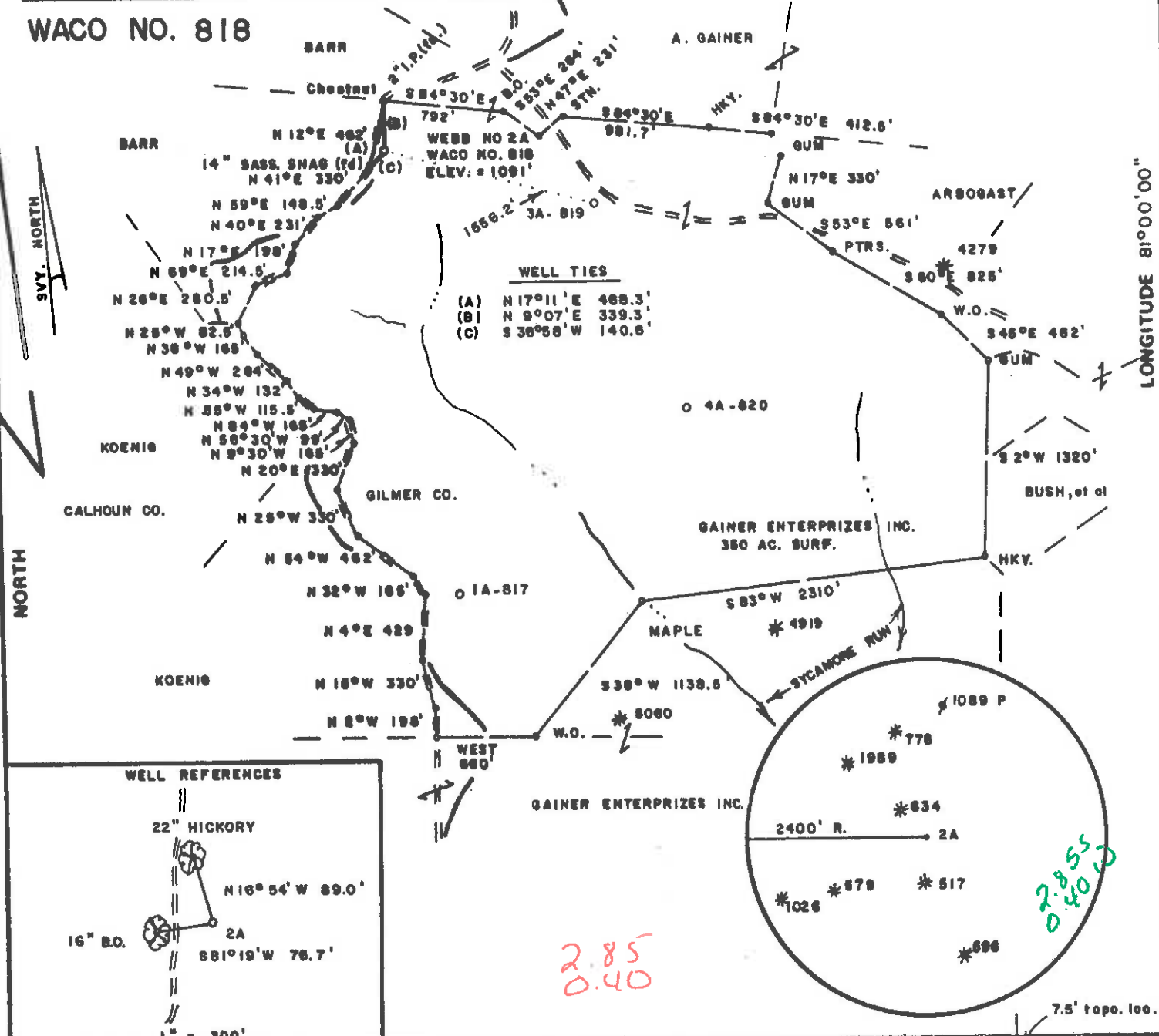
WEBB LEASE 400 AC. ±

WACO NO. 818

LATITUDE 39°00'00"

2110' W

LONGITUDE 81°00'00"
14,890' S



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, 19 93
 OPERATOR'S WELL NO. WEBB NO. 2A
 API WELL NO. WACO NO. 818
47 - 021 - 5137
 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 1091' WATER SHED SYCAMORE RUN OF TANNER CREEK
 DISTRICT DEKALB COUNTY GILMER
 QUADRANGLE GRANTSVILLE 7.5' Arnoldsburg DE

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) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5900'
 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

AUG 30 1993

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 2A-WACO 818**LOCATION: Elevation: **1,091.00** Quadrangle: **GRANTSVILLE**District: **DEKALB** County: **GILMER**
Latitude: **14890** Feet South of **39** Deg. Min. Sec.
Longitude: **2110** Feet West of **81** Deg. Min. Sec.Company: **WACO OIL & GAS CO., INC.**
1297 N. LEWIS ST.
GLENVILLE, WV 26351-0000Agent: **STEPHEN E. HOLLOWAY**INSPECTOR: **CRAIG DUCKWORTH**Permit Issued: **08/26/93**Well work commenced: **11/03/93**Well Work completed: **11/08/93**

Verbal Plugging

Permission granted on:

Rotary Cable Rig Total Depth (feet) **6,358'**Fresh water depths (ft) **81'**Salt water depths (ft) **1,010'**Is coal being mined in area (Y/N)? **N**Coal Depths (ft): **NONE**

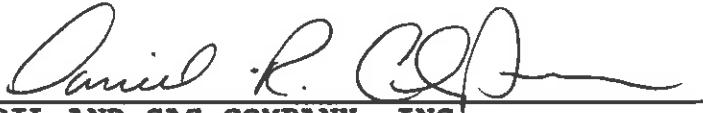
| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 11-3/4" | 218 | 218 | C.T.S. |
| 8-5/8" | 2,042 | 2,042 | 150 Sks. |
| 4-1/2" | | 6,324 | 660 Sks. |
| | | | |

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 **1,639** MCF/d Final open flow **SHOW** Bbl/d
 Time of open flow between initial and final tests **4** Hours
 Static Rock pressure **1,475** 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 1 1994

1st Stage: Devonian Shale (6236-5667) 1500 gal 15% HCL, 40 ton CO₂, 752 MCF N₂

2nd Stage: Elk, Alexander (5481-4983) 675 gal 15% HCL, 35 ton CO₂, 860 MCF N₂

3rd Stage: Benson, Riley (4837-4395) 675 gal 15% HCL, 45 ton CO₂, 975 MCF N₂

4th Stage: Balltown, Speechly (4207-3439) 675 gal 15% HCL, 40 ton CO₂, 935 MCF N₂

| | | | |
|-----------------------|------|------|---------------------|
| Sand, Shale | 0 | 130 | Damp @ 81' |
| Sand, Shale, Red Rock | 130 | 1490 | 1/2" Stream @ 1010' |
| Sand, Shale | 1490 | 2009 | |
| Little Lime | 2009 | 2024 | |
| Blue Monday | 2024 | 2054 | |
| Big Lime | 2054 | 2092 | |
| Big Injun | 2092 | 2196 | |
| Sand, Shale | 2196 | 3455 | |
| Speechly Section | 3455 | 3790 | |
| Shale | 3790 | 3847 | |
| Balltown Section | 3847 | 4387 | |
| Riley Section | 4387 | 4777 | |
| Shale | 4777 | 4836 | |
| Benson | 4836 | 4839 | |
| Shale | 4839 | 5042 | |
| Alexander | 5042 | 5110 | |
| Shale | 5110 | 5249 | |
| Elk Section | 5249 | 5481 | |
| Shale | 5481 | 6358 | T. D. |

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

- 1) Well Operator: Waco Oil and Gas Company, Inc. ⁹³³ 518⁰⁰ ② 379
- 2) Operator's Well Number: Waco 818 - Webb 2A 3) Elevation: 1091'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Marcellus ⁴³⁷
- 6) Proposed Total Depth: 5,900' feet
- 7) Approximate fresh water strata depths: 89'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and stimulate new well.
- 12)

CASING AND TUBING PROGRAM

| TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT Fill-up (cu. ft.) |
|--------------|----------------|-------|-------------------|-------------------|-----------------|--------------------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | |
| Conductor | | | | | | 30CS/A-1.3 |
| Fresh Water | 8-5/8" | API | 20.4 | 700' | 700' | C. T. S. |
| Coal | | | | | | 30CS/A-1.2.2 |
| Intermediate | | | | | | |
| Production | 4-1/2" | API | 10.5# | | 5,900' | 525 Sk. |
| Tubing | | | | | | 30CS/A-1.1 |
| Liners | | | | | | |

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

02686/16

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

17845

RECEIVED

Page 1 of _____
Form WW2-A
(10-91)

Permitting
Office of Oil & Gas

- 1) Date: August 4, 1993
- 2) Operator's well number
Waco 818 - Webb 2A
- 3) API Well No: 47 - 021 - 5137
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 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 _____
 - (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: [Signature] 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

[Signature] Notary Public
My commission expires 8-24-97