

API # 47- 21-05136

## 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

38 Deg. 57 Min. 30 Sec.

Longitude: 1630

Feet South of 38
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 X Cable Rig

Total Depth (feet) 6366'
Fresh water depths (ft) 40'
Salt water depths (ft) 863

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

Pay zone depth (ft) SEE TREAT. Producing formation DEVONIAN SHALE Gas: Initial open flow N/A MCF/d Oil: Final open flow 1517 MCF/d Initial open flow N/A Bbl/d Final open flow 1517 Final open flow SHOW Bb1/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 condition

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

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

1st Stage: Devonian Shale, Elk (6260-5484) 1500 gal 15% HCL, 40 ton  ${\rm CO_2},~773$  MCF  ${\rm N_2}$ 

2nd Stage: Elk, Alexander, Benson, Riley (5271-4687) 675 gal 15% HCL, 40 ton  $\rm CO_2$ , 813 MCF  $\rm N_2$ 

3rd Stage: Riley, Balltown (4563-4137) 675 gal 15% HCL, 40 ton  ${\rm CO_2}$ , 900 MCF  ${\rm N_2}$ 

4th Stage: Balltown, Speechly (4033-3461) 675 gal 15% HCL, 35 ton  $\mathrm{CO_2}$ , 900 MCF  $\mathrm{N_2}$ 

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.

FORM WW-2B

021 -5136 Jasuad 08/26/93 Expres 08/26/95

ANG 2 5 93 STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Office of Oil & WELL WORK PERMIT APPLICATION

n )	Well o	perator:_	Waco Oil	and Gas Com	pany, Inc.	51800 2	379
3	Operat	or's Well	Number:_	Waco 817 -	Webb IA	3) E	levation: 1102'
)				or Ga			
		(b)	If Gas:	Production Dee	n_X/ Under	ground Storag	je/ ow_X/
5)	Propose	d Target	Formatio	n(s):	Marcellus 42	7	
6)	Propose	d Total	Depth:	5,900'	feet		
7)	Approxi	mate fre	sh water	strata dep	ths:93	140	
8)	Approxi	mate sal	t water de	epths:	None		
9)	Approxi	mate coa	l seam de	oths: Non	e		
10)	Does la	nd conta	in coal se	eams tribu	tary to act	ive mine? Y	es/ No_X/
					ate new well	•	
12)							
					ING PROGRAM		
TYPE		<u>s</u>	PECIFICAT	IONS	FOOTAGE I	NTERVALS	CEMENT
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Condu	ctor						385RA11.3
Fresh	Water	8-5/8"	API	20.#	700"	7001	C. T. S.
Coal							38CSR14112.2
Inter	mediate						
Produc	ction	4-1/2"	API	10.5#		5,900' 47	525 Sks.
Tubino						L.	3808A11. X
Liners	<u> </u>						July 1
PACKER	RS : Kin						
10		es_ ths set					
40/1	9	F	ex Divisor	of Oil a	nd Gas Use	Only	
_  F	ee(s) p	ard) (1/2	2)	rk Permit	n	amation Fund	WPCP
P	lat 🔀	WW-9	WW-2	(h	and Aure	t Stabel	172
				V 8		Type)	A Agent

	1 01	ail/ED	1) Date:A	lugust 4, 1993
	WW2-A		2) Operator	's well number
(10-	91)	of Acotton	Waco 817	- Webb IA
		83 2 <b>5 93</b>	3) API Well	No: 47 - 021 - 5136
		3/4 2 5 93		State - County - Permit
	1	Permitting 1		
		Permitting STATE OF	WEST VIRGINIA	A _
	DIVISIO	n of environmental f	ROTECTION, OF	FICE OF OIL AND GAS
		361		
	]	NOTICE AND APPLICATI	ON FOR A WELL	WORK PERMIT
4.3			· · · · · · · · · · · · · · · · · · ·	
4)		ner(s) to be served:	5) (a) C	oal Operator:
		Gainer Enterprises, Inc.	Name	N/A
	Address	918 Ridgemont Road	Address	N/A
	(1)	Charleston, WV 25314		
	(b) Name _	7422100001, 117 25514	(b) Coal	Owner(s) with Declaration
	Address		Nanié	N/A
			MUULESS	
	(C) Name			
	Address		Name	
			Address	
- 1				
6)	Inspector of	raig Duckworth	(c) Coal	Lessee with Declaration
	Address	ox 107, Davisson Route	Name	N/A
	G	assaway, WV 26624	Address	
		(304) - 364 - 5042		
	Telephone (	301)		
		O THE PERSON(S) NAME	D ABOVE TAKE	NOTICE THAT:
	<u>T</u>	O THE PERSON(S) NAME	•	<del></del>
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Notary Public

Sandra ann 8-24-97

My commission expires \_