

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

CORRECTED API no.

Well Operator's Report of Well Work

Farm name: **Yoho, James T.**

Operator Well No.: **Waco 1697-Revised**

LOCATION: Elevation: **1092'**

Quadrangle: **Shinnston**

District: **Mannington**

County: **Marion**

Latitude: **12,870**

Feet South of **39**

Deg. **32** Min. **30** Sec.

Longitude: **9,060**

Feet West of **80**

Deg. **17** Min. **30** Sec.

Company: **Waco Oil & Gas Co., Inc.**  
P. O. BOX 397  
GLENNVILLE, WV 26351

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8	489		210 sks
7"	1732		285 sks
4 1/2	2623	8-3-05	175 sks

Agent: **STEPHEN E. HOLLOWAY**

INSPECTOR: **Bill Hatfield**

Permit Issued: **6/27/05**

Well work commenced: **6/21/05**

Well Work completed: **6/31/05**

Verbal Plugging

Permission granted on:

Rotary  Cable  Rig

Total Depth (feet) **2626'**

Fresh water depths (ft) **63'**

Salt water depths (ft) **None**

Is coal being mined in area (Y/N)? **N**

Coal Depths (ft): **354-58 7" s/H2O**

OPEN FLOW DATA

Producing formation **30', 50', BI**

Pay zone depth (ft) **see treat.**

Gas: Initial open flow **na** MCF/d Oil: Initial open flow **na** Bbl/d

Final open flow **310** MCF/d Final open flow **na** Bbl/d

Time of open flow between initial and final tests **4** Hours

Static Rock pressure **200** 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 & Gas Co., Inc.**

By: **Stephen E. Holloway**

Date: **10/03/05**

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Office of Oil & Gas  
Office of Chief

OCT 24 2005

WV Department of  
Environmental Protection

1st Stage: 30', 50' (2512-2355) 500 gal. 15% HCl, 30,000# 20/40,  
344 mcf N2, 154 bbl H2O

2nd Stage: Big Injun (1932-1908) 500 gal. 15% HCl, 40,000# 20/40,  
322 mcf N2, 182 bbl H2O

Sand, shale	0	850	Coal @ 354-58 7"
			Stream H2O 442
Big Dunkard	850	950	
Sand, Shale, RR	950	1160	
Salt Sand	1160	1455	
Sand, Shale	1455	1690	
Little Lime	1690	1702	
Shale - P.C.	1702	1738	
Big Lime	1738	1810	
Big Injun	1810	1850	
Sand, shale	1850	2330	
50', 30'	2330	2460	
Sand/Shale	2460	2626	

T.D. 2613'



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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Joe Manchin III, Governor  
Stephanie R. Timmermeyer, Cabinet Secretary  
www.wvdep.org

June 27, 2005

**WELL WORK PERMIT**  
**New Well**

This permit, API Well Number: 47-4901627, issued to WACO OIL & GAS CO INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-926-0499 ext. 1653.

JAMES MARTIN  
Chief,  
Office of Oil and Gas

Operator's Well No: WACO 1697

Farm Name: YOHO, JAMES T.

**API Well Number: 47-4901627**

**Permit Type: New Well**

Date Issued: 06/27/2005

**Promoting a healthy environment.**

**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**WELL WORK PERMIT APPLICATION**

- 1) Well Operator : Waco Oil & Gas Co., Inc
- 2) Operator's Well Number : Waco 1697                      3) Elevation: 1092'
- 4) Well type : (a) Oil  or Gas   
(b) If Gas: Production  Deep       Underground Storage  Shallow
- 5) Proposed Target Formation(s) : Balltown
- 6) Proposed Total Depth: 4100' feet
- 7) Approximate fresh water strata depths : 86'
- 8) Approximate salt water depths: 1642'
- 9) Approximate coal seam depths : 392'
- 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**

*Accepted*  
5-3-05

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-Up (Cubic Ft.)
	Size	Grade	Weight Per Ft.	For Drilling	Left in Well	
<b>Conductor</b>						
<b>Fresh Water</b>						
<b>Coal</b>	113/4or9/5/8	API	32 or 26 lb	472'	472'	CTS
<b>Intermediate</b>	85/8 or 7	API	23 or 17 lb	1642'	1642'	Various
<b>Production</b>	4 1/2	API	10.5 lb		3900'	300 sks.
<b>Tubing</b>						
<b>Liners</b>						

PACKERS : Kind  
                    Sizes  
                    Depths Set

For Office of Oil and Gas Use Only

- Fee(s) paid:     Well Work Permit     Reclamation Fund     WPO
  - Plat              WW-9              WW-2B              Bond \_\_\_\_\_  Agent
- (Type)

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Office of Oil & Gas  
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JUN 30 2005  
WV Department of  
Environmental Protection

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