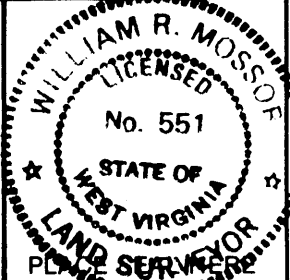


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. MB11-9  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. 675'  
 (IN MARSHALL CO.)

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.  
 (SIGNED) William R. Mosso  
 R.P.E. \_\_\_\_\_ L.L.S. 551



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

DATE 14 NOVEMBER, 19 86  
 OPERATOR'S WELL NO. WOODS #1  
 API WELL NO. 47-10301414-7

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION 664' WATERSHED PROCTOR CREEK STATE FR COUNTY WETZEL PERMIT Cancelled  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 7 1/2'

SURFACE OWNER ROBERT W. WOODS ACREAGE 91  
 OIL & GAS ROYALTY OWNER ROBERT W. WOODS LEASE ACREAGE 91  
 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 GORDON ESTIMATED DEPTH 3500'

Cobham Gas Industries, Inc.  
 231-Davis St. - P.O. Box 1293  
 DESIGNATED ADDRESS: Alan D. Anderson, Agent  
 Same Address PH: 304-842-9256

FORM WW-6

COUNTY NAME

PERMIT

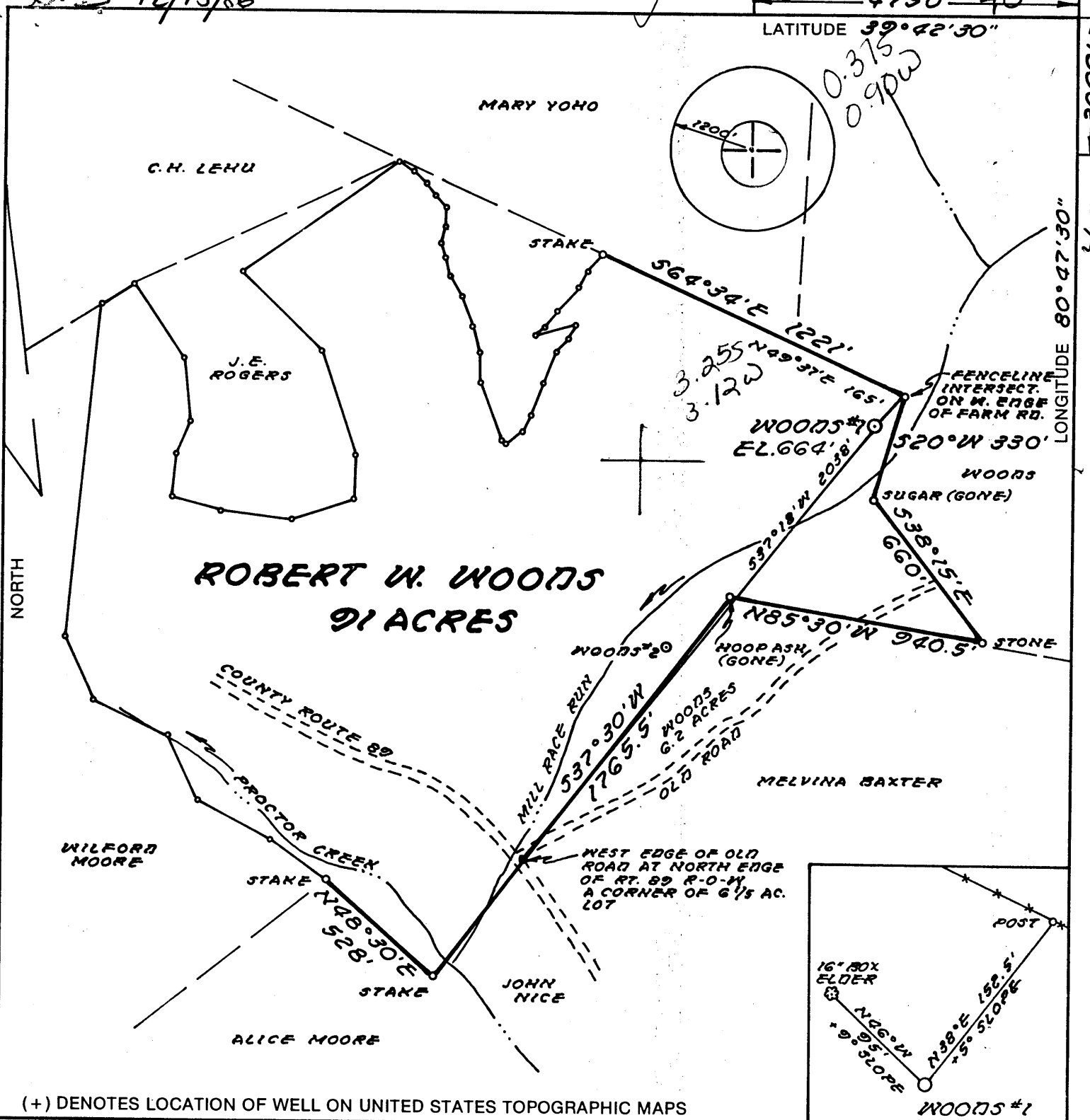


12/15/86

4750' 45

LATITUDE 39° 42' 30"

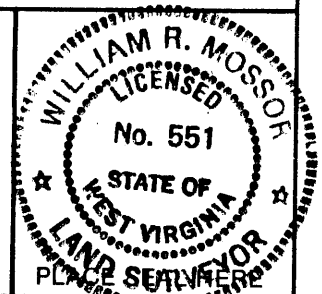
LONGITUDE 80° 47' 08"



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. MB11-9  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. 675'  
(IN MARSHALL CO.)

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  
 (SIGNED) William R. Mosser  
 R.P.E. \_\_\_\_\_ L.L.S. 551



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE 14 NOVEMBER 19 86  
 OPERATOR'S WELL NO. WOODS #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 664' WATER SHED PROCTOR CREEK  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 742' 509 091 N123  
 SURFACE OWNER ROBERT W. WOODS ACREAGE 91  
 OIL & GAS ROYALTY OWNER ROBERT W. WOODS LEASE ACREAGE 91

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 GORDON ESTIMATED DEPTH 3500'  
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN  
 ADDRESS 286 FRONT STREET ADDRESS P.O. BOX 32  
MARIETTA, OHIO 45750 172 READER, W.V. 26167

COUNTY NAME PERMIT



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

No perfs  
No Frac

**RECEIVED**  
MAY 04 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	1406	
Injun			1406	1500	
Sand & Shale			1500	1525	
TD			<u>1525</u>		

(Attach separate sheets as necessary)

Clay Resources, Inc.

Well Operator

By: Sandra L. Schaefer

Date: April 30, 1987

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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WV Division of  
Environmental Protection

Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)

SEP 27 1995

Operator's Copy  
PLEASE RETAIN FOR YOUR RECORDS

Permitting  
Office of Oil & Gas

1) Date: June 8, 1995  
2) Operator's well number Woods # 2 H W R K 148  
3) API Well No: 47 - 103 - 1414  
State - County - Permit 1414-F  
H.W.  
R.K.V.

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 Robert W. Woods  
Address Route 7  
New Martinsville, WV 26155  
(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 \_\_\_\_\_

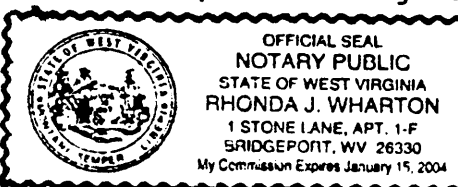
6) Inspector Randal Milk  
Address \_\_\_\_\_  
Mannington, WV 26382  
Telephone (304) - 986-3324

(c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_

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  
 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 \_\_\_\_\_ on the above named parties, by:  
 Personal Service (Affidavit attached)  
 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 Gasbier Gas Industries, Inc.  
BY: [Signature]  
Title: Agent  
Address P.O. Box 1293  
Bridgeport, WV 26330  
Telephone 304-842-9256

Subscribed and sworn before me this 2nd day of June, 1995  
Rhonda J. Wharton Notary Public  
My commission expires January 15, 2004

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WV Division of  
Environmental Protection

STATE OF WEST VIRGINIA 103-01414 Page of  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

10195 (7) 509

Well Operator: <sup>5632</sup> Cobham Gas Industries, Inc.

Operator's Well Number: Woods #1 3) Elevation: 664'

Office of Oil & Gas  
Well type: (a) Oil  or Gas   
(b) If Gas: Production  Underground Storage   
Deep  Shallow   
Issued 09/28/95  
Expires 09/28/97

Proposed Target Formation(s): <sup>355</sup> FEENER

Proposed Total Depth: 1525 feet

7) Approximate fresh water strata depths: 150

8) Approximate salt water depths: 939

9) Approximate coal seam depths: 454

10) Does land contain coal seams tributary to active mine? Yes  No

11) Proposed Well Work: Restimulate Keener Formation @ 1460'

12) Will need a lease for casing and tubing program TD from Plat shows 3500 TD. please see Note

TYPE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT
	Size Grade	Weight per ft. For drilling	Left in well Fill-up (cu. ft.)
Conductor			
Fresh Water	8 7/8		892
Coal	8 7/8		892
Intermediate			
Production	4 1/2	9.5	1477 * See below
Tubing	1 1/2		Pulled
Liners	State Records show no well record on file		

PACKERS: Kind \*4" on Hookwell Packers 1358  
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 Blanket Agent  
(Type)

21195

(Obverse)  
7/85

**RECEIVED**  
DEC 09 1986



1) Date: November 21, 1986  
2) Operator's Well No. Woods #1  
3) API Well No. 47 103 - 1414  
State County Permit

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

- 4) WELL TYPE: A Oil  / Gas   
B (If "Gas", Production  / Underground storage  / Deep  / Shallow  )
- 5) LOCATION: Elevation: 664 Watershed: Proctor Creek 508  
District: Proctor 7 County: Wetzel 103 Quadrangle: New Martinsville 7 1/2"
- 6) WELL OPERATOR Clay Resources, Inc CODE: 10025 7) DESIGNATED AGENT Andy Brown  
Address 286 Front Street Address Box 32  
Marietta, Ohio 45750 Reader, WV 26167
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Mike Underwood 9) DRILLING CONTRACTOR: Name N/A  
Address Rt. 2, Box 135 Address \_\_\_\_\_  
Salem, WV 26426
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Gordon 49
- 12) Estimated depth of completed well, 3100' feet
- 13) Approximate trata depths: Fresh, --- feet; salt, 1643' feet.
- 14) Approximate coal seam depths: 464' Is coal being mined in the area? Yes  / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8					870'	870'	CTS	Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3100 Approx.	3100 Approx.	310SKS	Per rule 15.01
Tubing									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-103-1414 Date December 29 19 86

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
Permit expires December 29, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ASB</u>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>4137</u> <u>158</u>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <u>71.42</u>
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NOTE: Keep one copy of this permit posted at the drilling location. \_\_\_\_\_  
Director, Division of Oil and Gas File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.