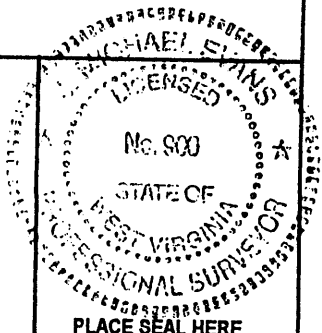


(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: \_\_\_\_\_  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1 in 2500  
 PROVEN SOURCE OF ELEVATION: GPS Survey (Sub-meter)

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) J. Michael Evans  
**J. Michael Evans, PS 900**



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2506  
 FORM WW-6

LAND SURVEYING SERVICES  
 21 CEDAR LANE, BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-6762

DATE: October 6, 2000  
 OPERATORS WELL NO.: F. Anderson 1

API WELL NO. 47 — **103** — 1746 F  
 STATE COUNTY PERMIT  
**FRAC CANCELLED**

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 958' WATERSHED Slabcamp Run  
 DISTRICT Grant COUNTY Wetzel  
 QUADRANGLE Folsom 7.5' LEASE NUMBER \_\_\_\_\_

SURFACE OWNER John L. Ash ACREAGE 166.4  
 OIL & GAS ROYALTY OWNER F. Anderson LEASE ACREAGE 210.

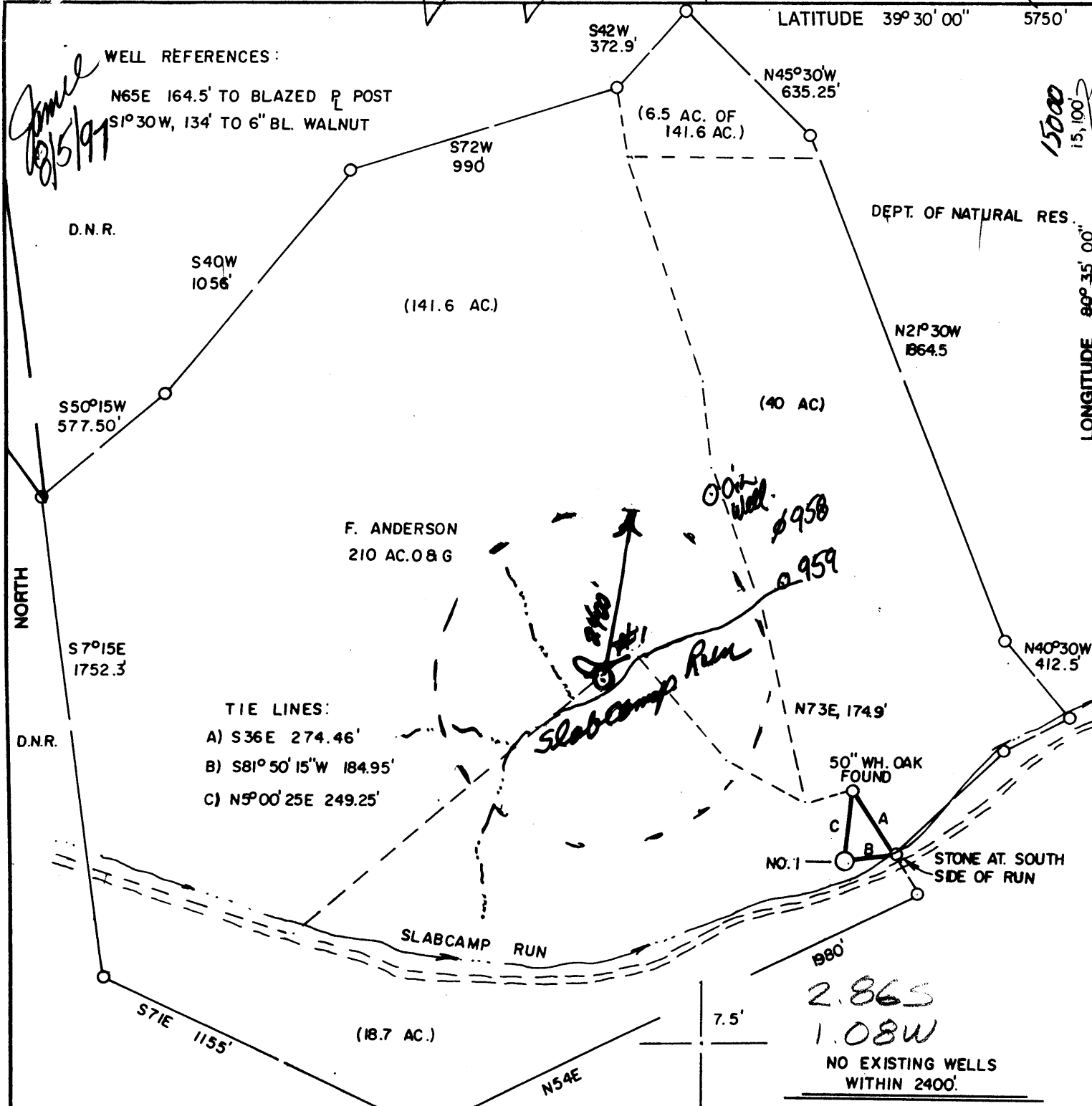
PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) REWORK

TARGET FORMATION \_\_\_\_\_ PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR Cobham Gas Industry, Inc. DESIGNATED AGENT Rick Underwood  
 ADDRESS P. O. Box 1697, Clarksburg, WV 26301 ADDRESS P. O. Box 1697, Clarksburg, WV 26347

3001 07 2000

COUNTY NAME PERMIT WET 1746 CANC.

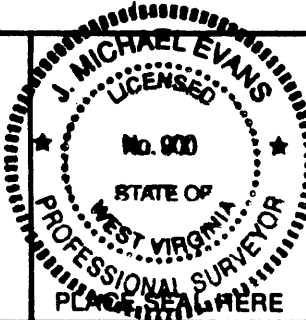


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Top of knob  
3175' East at 1477'

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) J. Michael Evans  
 R.P.E. \_\_\_\_\_ L.L.S. 900



WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506



DATE July 27, 19 97  
 OPERATOR'S WELL NO. F. Anderson 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 958' WATERSHED Slabcamp Run  
 DISTRICT Grant COUNTY Wetzel  
 QUADRANGLE Folsom 7.5'

SURFACE OWNER John L. Ash ACREAGE 166.40  
 OIL & GAS ROYALTY OWNER F. Anderson LEASE ACREAGE 210.

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) New drill

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Alexander ESTIMATED DEPTH 5000'  
 WELL OPERATOR Cobham Gas Industry, Inc. DESIGNATED AGENT Rick Underwood  
 ADDRESS P. O. Box 1697 ADDRESS P. O. Box 1697  
Clarksburg, WV 26302-1697 Clarksburg, WV 26302-

FORM WV-6

COUNTY NAME  
 PERMIT

JAN 26 1998

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

Permitting  
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: ASH, JOHN & LAURA Operator Well No.: F.ANDERSON #1

LOCATION: Elevation: 958.00 Quadrangle: FOLSOM

District: GRANT County: WETZEL  
Latitude: 15100 Feet South of 39 Deg. 30Min. 0 Sec.  
Longitude: 5750 Feet West of 80 Deg. 35 Min. 0 Sec.

Company: COBHAM GAS INDUSTRIES, IN  
P. O. BOX 1697  
CLARKSBURG, WV 26302-1697

Agent: RICK UNDERWOOD

Inspector: RANDAL MICK  
Permit Issued: 08/05/97  
Well work Commenced: 9/23/97  
Well work Completed: 10/10/97  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary x Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5318  
Fresh water depths (ft) 15'; 64'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? X  
Coal Depths (ft): 196; 714

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U Cu. Ft
16	10	10	-
13 3/8	32	32	
9 5/8	974	974	356 sk To surfa
7	2174	2174	364 sk To surfa
4 1/2	5244	5244	92 sk 1154' Fi

OPEN FLOW DATA

Producing formation Benson/Riley Pay zone depth (ft) 5083-5178  
 Gas: Initial open flow 103 MCF/d Oil: Initial open flow show Bbl  
 Final open flow 700 MCF/d Final open flow show Bbl  
 Time of open flow between initial and final tests 1 month Hou  
 Static rock Pressure 1500 psig (surface pressure) after 72 Hou

Second producing formation Balltown Pay zone depth (ft) 4644-48  
 \*Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl  
 Time of open flow between initial and final tests \_\_\_\_\_ Hou  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hou

\*All Production Comingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATION INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Cobham Gas Industries, Inc.  
For: COBHAM GAS INDUSTRIES, INC.

By: Peter Battles  
Date: January 20, 1998

JAN 30 1998

Frac

- (1 Benson 5174 - 78 (10 shots) Crosslink with 10000lb. 20/40 Sand; 12 bbls. Acid
- (2 Riley 5083 - 88 (10 shots) Crosslink with 10000 lb. 20/40 Sand; 12 bbls. Acid
- (3 Balltown 4644 - 48 (10 shots) Crosslink with 10000 lb. 20/40 Sand; 12 bbls. Acid

Type	Formation	Depth	Shows
Sand & Shale		0 - 196	2" Water @ 64'
Coal		196 - 199	
Sand & Shale		199 - 714	
Coal		714 - 723	
Sand & Shale		723 - 1465	
Red Rock & Shale		1465 - 1555	
Sand		1555 - 1585	
Shale		1585 - 1735	
Sand		1735 - 1780	
Sand & Shale		1780 - 1960	
Lime		1960 - 1971	
Sand & Shale		1971 - 1990	
Big Lime		1990 - 2050	
Big Injun		2050 - 2200	
Shale		2200 - 2790	Show of gas & oil @ 2150'
Sand		2790 - 2850	
Shale		2850 - 3100	
Sand		3100 - 3110	
Shale		3110 - 3700	
Speckley		3700 - 3800	
Shale		3800 - 4500	
Sand & Shale		4500 - 4950	
Riley		4950 - 5100	
Shale		5100 - 5170	
Benson		5170 - 5200	
Shale		5200 - TD	
TD		TD - 5318	

STATE OF WEST VIRGINIA 103-1746 Page      of     

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

24101

- 1) Well Operator: Colham Industries <sup>132</sup> 10195 (4) 344
- Operator's Well Number: F. Anderson #1 3) Elevation: 958
- Well type: (a) Oil      / or Gas X / Issued 08/05/97  
 (b) If Gas: Production X / Underground Storage      / Expires 08/05/99  
 Deep      / Shallow X /
- Proposed Target Formation(s): Alexander <sup>422</sup>
- Proposed Total Depth: 5000 feet
- 7) Approximate fresh water strata depths: 780
- 8) Approximate salt water depths: 2140
- 9) Approximate coal seam depths: 780
- 10) Does land contain coal seams tributary to active mine? Yes      / No X /
- 11) Proposed Well Work: Drill and Stimulate *New Well*
- 12)

**RECEIVED**  
 WV Division of  
 Environmental Protection  
 AUG 04 1997  
 Permitting  
 Office of Oil & Gas

**CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4	API	38	32	32	
Fresh Water	9"	H-40	26	950	950	To Surface
Coal	9"	H-40	26	950	950	To Surface
Intermediate	* 7"	ERW	17	2150	2150	-
Production	4 1/2	M-65	9.5	4950	4950	1000' Fill
Tubing						
Liners						

**PACKERS** : Kind      \* If all water is shut off by 9" the 7" may not be run.  
 Sizes       
 Depths set     

-----  
 For Office of Oil and Gas Use Only

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

**RECEIVED**  
WV Division of  
Environmental Protection  
AUG 04 1997

- 1) Date: July 31, 1997
- 2) Operator's well number  
F. Anderson #1
- 3) API Well No: 47 - 103 - 1746  
State - County - Permit

Permitting  
Office of Oil & Gas  
**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 John L. & Laura Ash  
Address Rt. 9, Box 439  
Fairmont, WV 26554
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name None  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name None  
Address \_\_\_\_\_
    - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name None  
Address \_\_\_\_\_
- 6) Inspector Randy Mick  
Address 111 Blackshere Drive  
Mannington WV 26582  
Telephone (304)- 986-3324

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        on the above named parties, by:  
  x   Personal Service (Affidavit attached)  
       Certified Mail (Postmarked postal receipt attached)  
       Publication (Notice of Publication attached)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE  
(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Cobham Gas Industries, Inc.  
 BY: Richard Underwood *Richard Underwood*  
 Its: Agent  
 Address Rt. 4, Box 350A, P.O. Box 1697  
Clarksburg, WV 26302-1697  
 Telephone 304-623-0374

Subscribed and sworn before me this 17 day of August, 1997

*Richard J. Wharton*  
 My commission expires January 15, 2004 Notary Public