

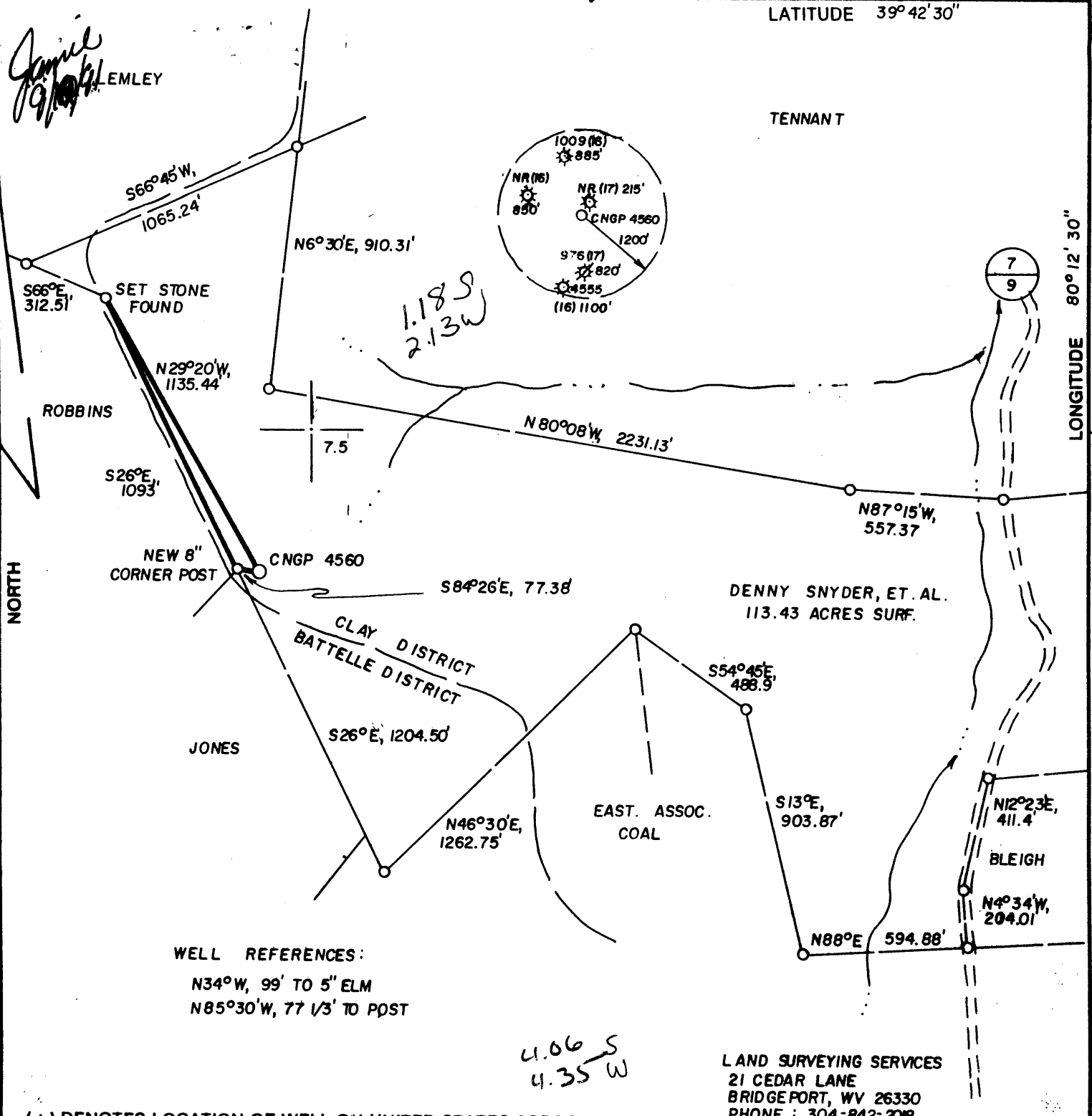
LATITUDE 39° 42' 30"

*Janice*  
*9/10/91*

LEMLEY

TENNANT

LONGITUDE 80° 21' 08"



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

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

FILE NO. JME LLS 900  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1300' NW. AT ELEV. 1508'

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 674  
**STEPHEN D. LOSH**

PLACE SEAL HERE

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



DATE JULY 26, 19 91  
OPERATOR'S WELL NO. CNGP 4560  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1436' WATERSHED THOMAS RUN  
 DISTRICT CLAY 3 COUNTY MONONGALIA  
 QUADRANGLE BLACKSVILLE 14 NW

SURFACE OWNER DENNY SNYDER & JANICE STILES ACREAGE 113.43  
 OIL & GAS ROYALTY OWNER DENNY SNYDER, ET.AL. LEASE ACREAGE 133.50  
 LEASE NO. 500018

PROPOSED WORK: DRILL X 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 PITTSBURGH COAL ESTIMATED DEPTH 1100'  
 WELL OPERATOR CNG PRODUCING COMPANY DESIGNATED AGENT RODNEY J. BIGGS  
 ADDRESS 1450 POYDRAS ST. 142 ADDRESS R.T. 2, BOX 698  
NEW ORLEANS, LA 70112-6000 BRIDGEPORT, WV 26330

SEP 16 1991

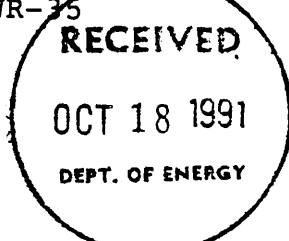
6-6 Condit - Ragtown

(059)

FORM WW-6

COUNTY NAME

PERMIT



State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Reviewed TMG  
Recorded \_\_\_\_\_

Well Operator's Report of Well Work

Farm name: SNYDER, DENNY/JAN STILES Operator Well No.: 4560

LOCATION: Elevation: 1436.00 Quadrangle: BLACKSVILLE

District: CLAY County: MONONGALIA  
Latitude: 6200 Feet South of 39 Deg. 42Min. 30 Sec.  
Longitude 11300 Feet West of 80 Deg. 12 Min. 30 Sec.

Company: CNG PRODUCING COMPANY  
1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000

Agent: RODNEY J. BIGGS

Inspector: DONALD ELLIS  
Permit Issued: 09/11/91  
~~Well work commenced:~~ \_\_\_\_\_  
Well work Completed: 9/6/91  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 1107  
~~Fresh water depths (ft)~~ \_\_\_\_\_  
~~Salt water depths (ft)~~ \_\_\_\_\_

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 9 5/8                | 20               | 20           | To Surf.               |
| 7 *                  | 1107             | 1107         | 160 Cu.Ft.             |
|                      |                  |              |                        |
|                      |                  |              |                        |
|                      |                  |              |                        |

Is coal being mined in area (Y/N)?  
Coal Depths (ft): 771; 1027; 1107

\* First 350' slotted and set with anchor pack

OPEN FLOW DATA

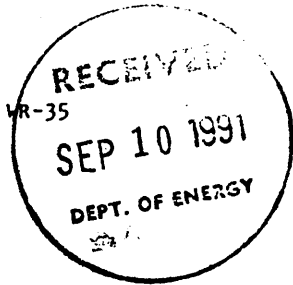
Producing formation Pittsburgh Coal Pay zone depth (ft) 1100  
 Gas: ~~Initial open flow~~ \_\_\_\_\_ MCF/d Oil: ~~Initial open flow~~ \_\_\_\_\_ Bbl/c  
 Final open flow 10 MCF/d ~~Initial open flow~~ \_\_\_\_\_ Bbl/c  
 Time of open flow between ~~initial and final tests~~ \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/c  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/c  
 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 STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Rodney J. Biggs, Manager  
CNG PRODUCING COMPANY

By: Rodney J. Biggs  
Date: October 15, 1991



State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date August 28, 1991  
Operator's  
Well No. 4560  
Farm Snyder  
API No. 47 - 061 - 1038

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production \_\_\_ / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /)

LOCATION: Elevation: 1436' Watershed Thomas Run  
District: Clay County Monongalia Quadrangle Blacksville

COMPANY CNG Producing Company 10W0

ADDRESS 1450 Poydras St. New Orleans LA 70112

DESIGNATED AGENT Rodney J. Biggs

ADDRESS Rt. 2 Box 698 Bridgeport WV 26330

SURFACE OWNER Denny Snyder & Janice Stiles

ADDRESS Rt. 1 Box 80 Blacksville WV 26521

MINERAL RIGHTS OWNER Denny Snyder Et. Al.

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Don

Ellis ADDRESS Fairmont WV 26554

PERMIT ISSUED \_\_\_\_\_

DRILLING COMMENCED \_\_\_\_\_

DRILLING COMPLETED \_\_\_\_\_

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

| Casing<br>Tubing       | Used in<br>Drilling | Left<br>in Well | Cement<br>fill up<br>Cu. ft. |
|------------------------|---------------------|-----------------|------------------------------|
| Size<br>20-16<br>Cond. |                     |                 |                              |
| 13-10"                 |                     |                 |                              |
| 9 5/8                  | 20'                 | 20'             | To Surface                   |
| 8 5/8                  |                     |                 |                              |
| 7 *                    | 1107                | 1107            | 160 Cu.Ft.                   |
| 5 1/2                  |                     |                 |                              |
| 4 1/2                  |                     |                 |                              |
| 3                      |                     |                 |                              |
| 2                      |                     |                 |                              |
| Liners<br>used         |                     |                 |                              |

\* First 350' slotted and set with anchor packer.  
Depth 1100 feet

GEOLOGICAL TARGET FORMATION Pittsburgh Coal

Depth of completed well 1107 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh NA feet; Salt \_\_\_\_\_ feet

Coal seam depths: 771 1027 1107 Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

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 measurement) after \_\_\_\_\_ hours shut-in

(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)

SEP 16 1991

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

THIS WAS A VENT HOLE ONLY. IT HAS NO PREVIOUS API NUMBER.

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS   |
|-----------|-------|--------------|----------|-------------|---|
|           |       |              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
|           |       |              | 771      | 776         | Waynesburg Coal   |
|           |       |              | 1027     | 1031        | Sewickley Coal  |
|           |       |              | 1107     |             | Redstone Coal   |



(Attach separate sheets as necessary)

CNG PRODUCING COMPANY

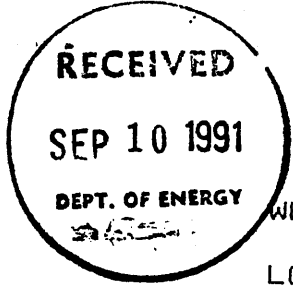
Well Operator

Designated Agent - Rodney J. Biggs

By:

Date: August 28, 1991

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."



061-1038

WELL OPERATOR'S REPORT

WELL NO. 7 Right #1 4560

LOCATION: ELEVATION 1400 WATERSHED Thomas Run  
 DISTRICT CLAY COUNTY Monongalia  
 QUADRANGLE Blacksville

COMPANY Eastern Assac Coal Corp  
 ADDRESS Rt 1 Box 144 Fairview WV 28570  
 SURFACE OWNER Denny Snyder + Janice Styles  
 ADDRESS Rt 1 Box 80 Blacks ville WV 26521  
 MINERAL OWNER Same  
 ADDRESS \_\_\_\_\_

CASING CEMENT RECORD

| SIZE (OD) | LENGTH | WEIGHT | GRADE | CEMENT (SKS/TYPER) | CEM. TOP       |
|-----------|--------|--------|-------|--------------------|----------------|
| 9 5/8     | 20'    |        |       | 5 Sacks Portland   | surface        |
| 7"        | 757    |        |       | 135 SKs Portland   | surface        |
| 7"        | 350    |        |       | Slotted            |                |
|           |        |        |       | Anchor Packer set  | Good formation |
|           |        |        |       |                    |                |

WELL LOG

| FORMATION       | COLOR | TOP  | BOTTOM | WATER FOUND          |     |     |
|-----------------|-------|------|--------|----------------------|-----|-----|
|                 |       |      |        | DEPTH                | OIL | GAS |
|                 |       |      |        | FRESH/SALT           |     |     |
| Waynesburg coal |       | 771  | 776    | 11                   | 1   |     |
| sewicley coal   |       | 1027 | 1031   |                      |     |     |
| redstone        |       | 1107 | -      |                      |     |     |
|                 |       |      |        | No fresh water found |     |     |
|                 |       |      |        |                      |     |     |
|                 |       |      |        |                      |     |     |
|                 |       |      |        |                      |     |     |

,10110 (3) 256

**CNG Producing  
Company**

A CNG COMPANY

Dropwings Corporate Park  
Route 2, Box 688  
Beaglesort WV 26308  
(304) 623-6840

*Issued 9/11/91  
Exports 9/11/93*

September 4, 1991

Jamie Stevens, Permitting  
Department of Energy  
Division of Oil & Gas  
1615 Washington St. E.  
Charleston WV 25311

998

Dear Jamie,

Please see attached information for applying for a permit number on well number CNGP 4560. There is no need for a reclamation and pit plan as this permit request is for converting an existing vent hole to a CBM well.

The Surface Owner and Coal Owners are being notified. We will send you verification of such as soon as notifications are returned.

Please find the enclosed Draft No. 042874 in the amount of \$400.00. If you need additional information, please feel free to contact me at the above number.

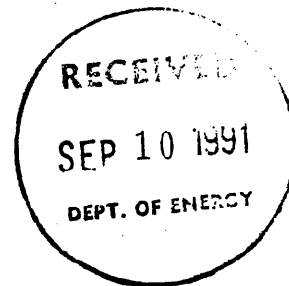
Sincerely,

*Nancy D. Colton*

Nancy D. Colton  
Assistant Coordinator

Enclosure  
xc: Ted Riggle  
Sue Hebert

NDC/lmb



061 1038

*Snyder, Penny / Jan Stiles*

*CE # 042874 (8/21/91)  
Dep. # 24*