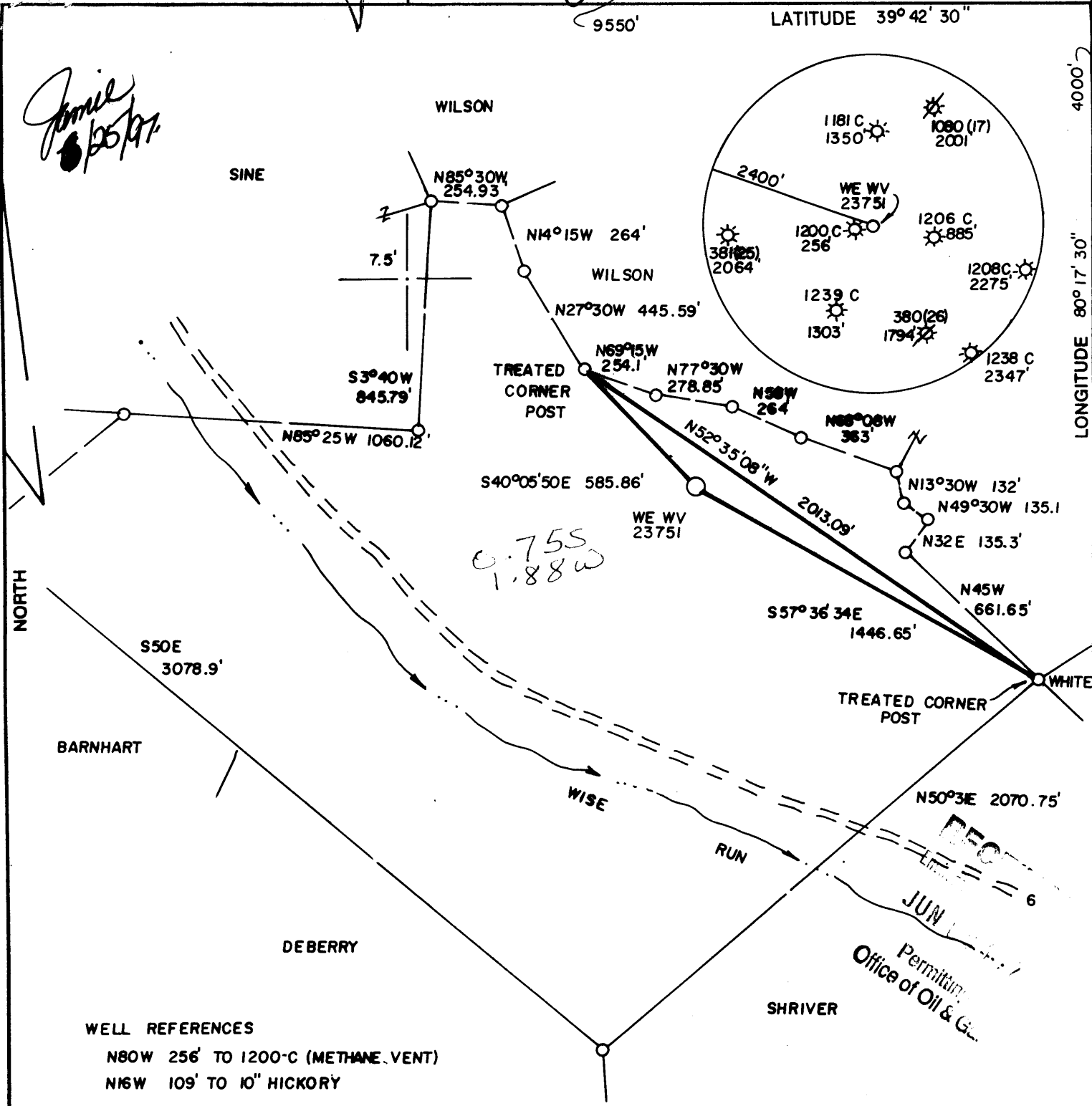


James
6/25/97

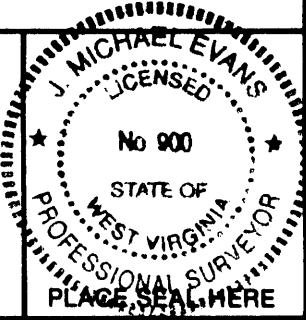


WELL REFERENCES
N80W 256' TO 1200-C (METHANE VENT)
N16W 109' TO 10" HICKORY

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1 IN 2400
PROVEN SOURCE OF
ELEVATION TBM 3430' SE OF LOC.
AT ELEV. 1004.38'

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

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

LOCATION: ELEVATION 1261' WATERSHED WISE RUN
DISTRICT BATTELLE COUNTY MONONGALIA
QUADRANGLE WADESTOWN 7.5'

SURFACE OWNER HOWARD A. SHRIVER ACREAGE 123.59
OIL & GAS ROYALTY OWNER HOWARD A. SHRIVER ET AL. LEASE ACREAGE 600.
LEASE NO. _____

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 BAYARD ESTIMATED DEPTH 3700'
WELL OPERATOR CNG PRODUCING COMPANY DESIGNATED AGENT RODNEY J. BIGGS
ADDRESS RT. 2, BOX 698 ADDRESS RT. 2, BOX 698
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

DATE MAY 5, 19 97
OPERATOR'S WELL NO. H. SHRIVER NO. 1
API WELL NO. WE WV 23751
47 - 061 - 01275
STATE COUNTY PERMIT
David

6-6 51
JUN 27 1997

FORM WV-6

COUNTY NAME
PERMIT

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

Well Operator's Report of Well Work

Farm name: SHRIVER, HOWARD A. Operator Well No.: CNGP 23751

LOCATION: Elevation: 1,261.00 Quadrangle: WADESTOWN

District: BATTELLE County: MONONGALIA
Latitude: 4000 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 9550 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: CNG PRODUCING COMPANY
RR 2 BOX 698
BRIDGEPORT, WV 26330-0698

Agent: RODNEY J. BIGGS

Inspector: RANDAL MICK
Permit Issued: 06/25/97
Well work Commenced: 07/15/97
Well work Completed: 08/08/97

Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 3700'
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	211'	211'	100 sks.
8 5/8"	1185'	1185'	325 sks.
4 1/2"	3531'	3531'	356 sks.

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WV Division of
Environmental Protection
SEP 17 1997

OPEN FLOW DATA
5th Sand / 4th (Zone #1) 3154-3350'
30 Ft. / 50th (Zone #2) 2998-3062'
Injun. (Zone #3) 2830-2529'

Permitting
Office of Oil & Gas

Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 531 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 450 psig (surface pressure) after 12 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 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
CNG PRODUCING COMPANY

By: Rodney J. Biggs, Production Manager, Appalachian Region
Date: August 29, 1997

SEP 03 1997

CNGP Well # WEWV23751

7/15/97 - Spud Well

7/31/97 - Fraced and Perforated:

Form.	Zone #1 5th Sand/4th	Zone #2 30 Ft./50 Ft.	Zone #3 Injun
Perfs.	3154-3350'	2998-3062'	2330-2529'
Tot. Fld.	352 bbls	425 bbls.	425 bbls.
Tot. Acid	750 gal.	500 gal.	1000 gal.
BkDwn.	3200 psi	2950 psi	1400 psi
Avg. Rate	21 bpm	21 bpm	27 bpm
Avg. Press.	3500 psi	3200 psi	2600 psi
Tot. Sand	12500 #	30000#	30000#
Frac. Grad	0.81		

8/8/97 - F.O.F. = 531 MCFD.

8/8/97 - T.I.L.

RECEIVED
WV Division of
Environmental Protection

SEP 17 1997

Permitting
Office of Oil & Gas

061-1275

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

23789

Well Operator: ¹⁴⁶ CNG Producing Company 10110 652 (1)

Operator's Well Number: CNGP WEWV23751 3) Elevation: 1290'

Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /

Issued 06/25/97
Expires 06/25/99

Proposed Target Formation(s): Bayard 423

6) Proposed Total Depth: 3700' feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 1850'

9) Approximate coal seam depths: Pittsburgh Coal 950' (mined out)

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

11) Proposed Well Work: Drill and complete 3700' well.

12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"	H-40	32	200		Surface
Fresh Water						380 SR/PM 1.3
Coal					1200	380 SR/PM 1.2
Intermediate	8 5/8"	X-42	23	1200		Surface
Production	4 1/2"	J-55	10.5	3700	3700'	400 sks.
Tubing						380 SR/PM 1
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

2337
17

For Division of Oil and Gas Use Only

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

1) Date: 5-22-97
2) Operator's well number
CNGP WEWV23751
3) API Well No: 47 - 061 - 1275
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: 5) (a) Coal Operator:
(a) Name Howard A. Shriver Name Eastern Associated Coal Corp.
Address HC 67, Box 60 Address 800 Laidley Tower, P.O. Box 1233
Wadestown, WV 26589 Charleston, WV 26324
(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address Eastern Associated Coal Corp.
(c) Name _____ Name _____
Address _____ Address _____
6) Inspector Div. I - Randall Mick (c) Coal Lessee with Declaration
Address 111 Blackshere Dr. Name _____
Mannington, WV 26582 Address _____
Telephone (304)- 288-1600 (c)
986-3324 (h)

JUL 1 1997
Permitting
Office of Oil & Gas

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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)
- x Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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 CNG Producing Company
By: Rodney J. Biggs *Rodney J. Biggs*
Its: Designated Agent - Production Manager, Appalachian Region
Address Rt. 2, Box 698, Crosswind Corp. Park
Bridgeport, WV 26330
Telephone (304) 623-8840

Subscribed and sworn before me this 22nd day of May, 1997

Nancy D. Colton Nancy D. Colton Notary Public
My commission expires 09-26-2003