

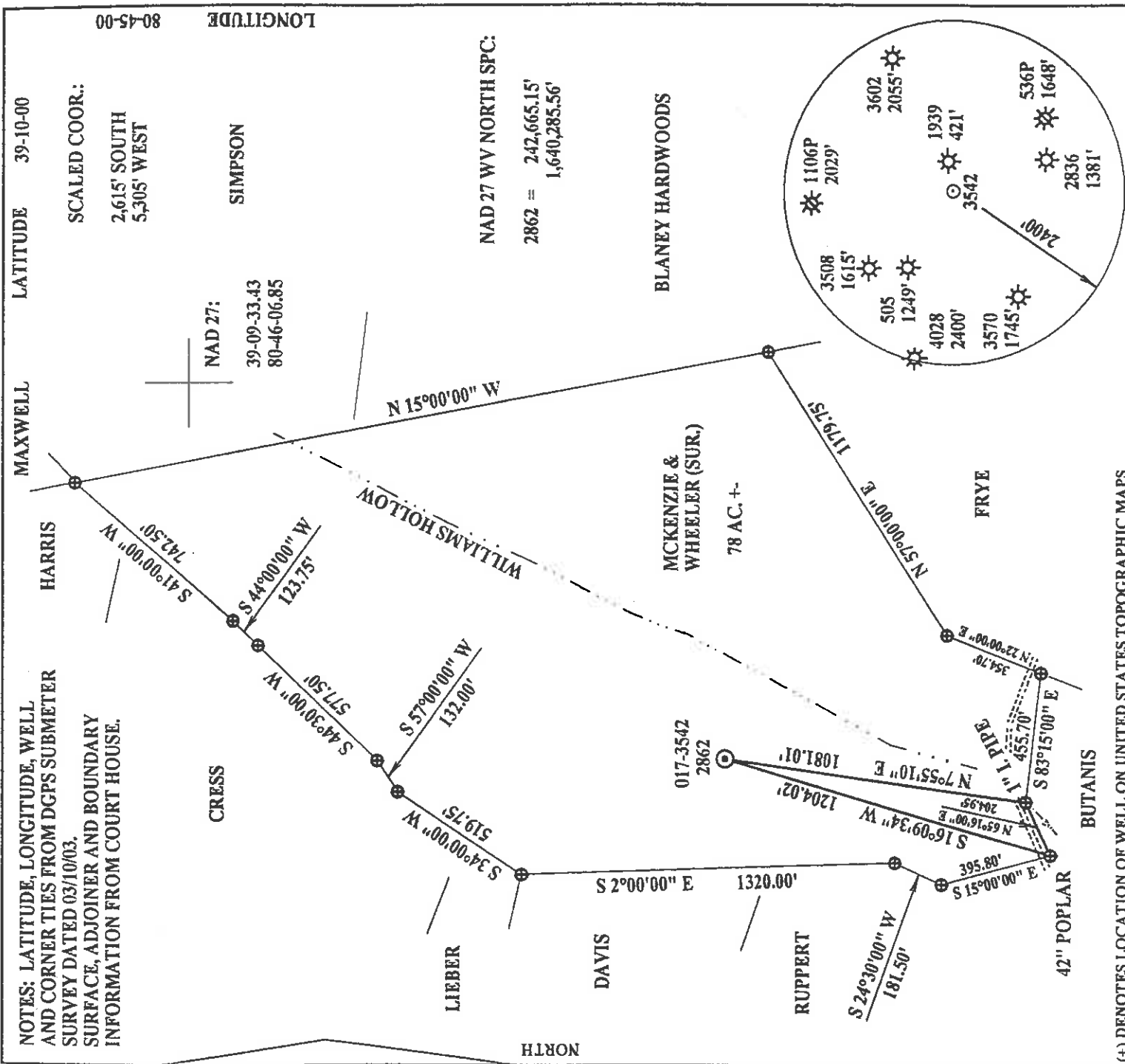
NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUBMETER SURVEY DATED 03/10/03. SURFACE, ADJOINER AND BOUNDARY INFORMATION FROM COURT HOUSE.

MAXWELL LATITUDE 39-10-00  
 HARRIS SCALED COOR.:  
 2,615' SOUTH  
 5,305' WEST  
 LONGITUDE 80-45-00

NAD 27:  
 39-09-33.43  
 80-46-06.85  
 SIMPSON

NAD 27 WV NORTH SPC:  
 2862 = 242,665.15'  
 1,640,285.56'

BLANEY HARDWOODS



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

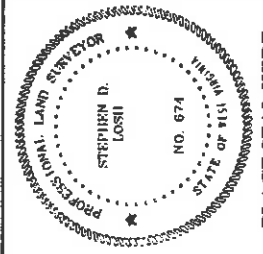
FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: CNGP2862.PCS  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1 IN 200  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 03/10/03  
 SUBMETER SYSTEM \_\_\_\_\_

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

I HEREBY STATE THAT THIS PLAN 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) *[Signature]*

STEPHEN D. LOSH, P.S. #674



PLACE SEAL HERE  
 DATE: MARCH 10, 2003  
 OPERATORS WELL NO.: 2862  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1093.21' WATERSHED WILLIAMS HOLLOW  
 DISTRICT COVE COUNTY DODDRIDGE  
 QUADRANGLE OXFORD LEASE NUMBER 13232  
 SURFACE OWNER CHRISTOPHER MCKENZIE & EDWIN WHEELER, SR. ACREAGE 78.00  
 OIL & GAS ROYALTY OWNER M. C. WILLIAMS LEASE ACREAGE 125.00

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

TARGET FORMATION Injun PLUG & ABANDON \_\_\_\_\_ CLEAN OUT & REFLAG \_\_\_\_\_  
 ESTIMATED DEPTH 2046'

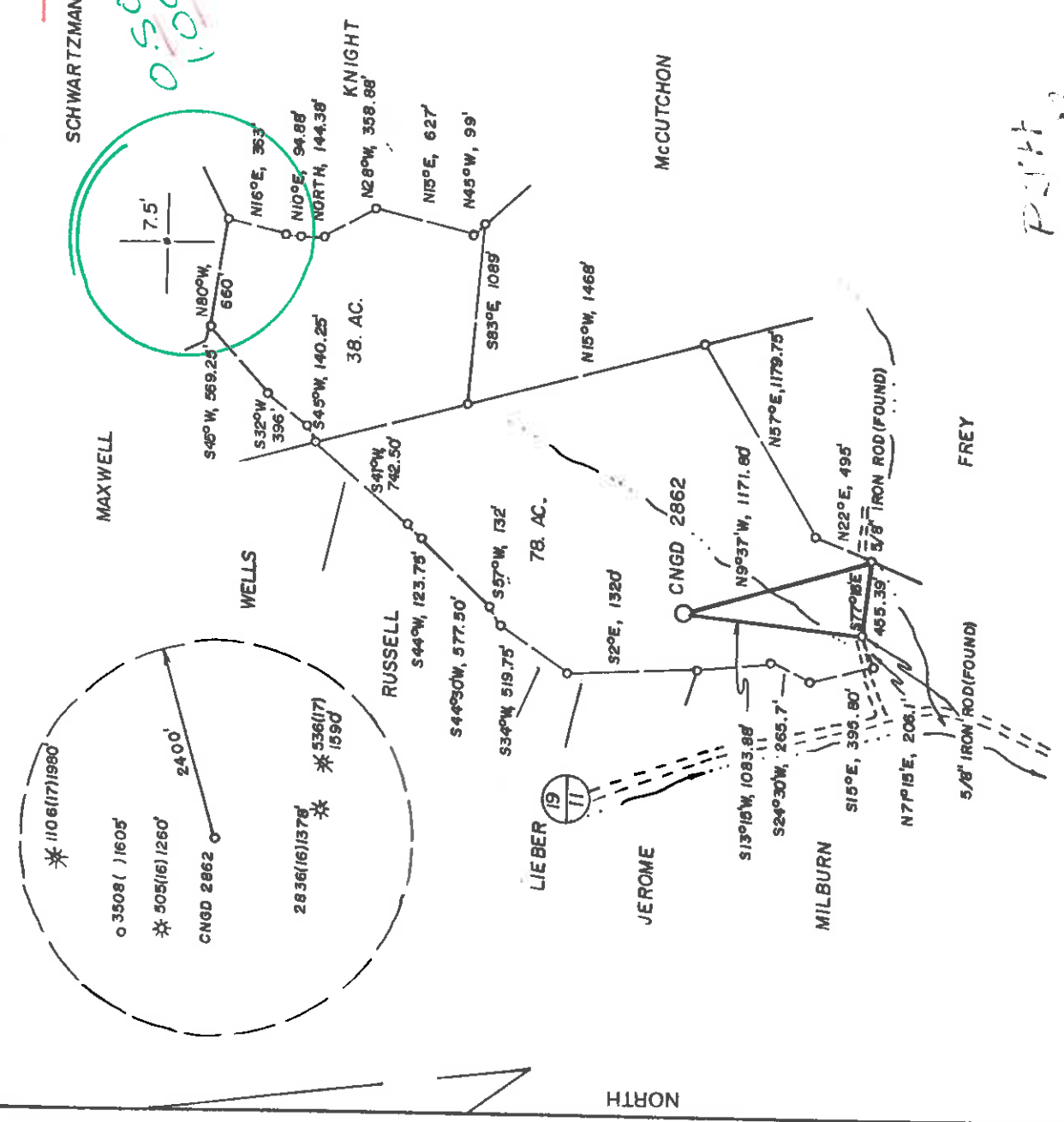
WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY BIGGS  
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

County Name Dodd Permit 3542 F

(Straight Four - Passover Creek 133) A...

SFB 5/19/87

LATITUDE 39°10'00"  
LONGITUDE 80°45'00"



WELL REFERENCES:  
 N8°15' W, 112.5' TO 12" HICKORY  
 N61°E, 141' TO 15" WHITE OAK

*Plot  
11-28-87*

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

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200'  
 PROVEN SOURCE OF ELEVATION ROAD INT. 1357' SW. OF LOC. AT ELEV. 938'

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. \_\_\_\_\_ I.L.S. NO. 674  
 STEPHEN D. LOSH

PLACE SEAL HERE



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_\_\_ GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 098' WATER SHED \_\_\_\_\_ MIDDLE \_\_\_\_\_ FORK \_\_\_\_\_  
 DISTRICT COVE \_\_\_\_\_ COUNTY \_\_\_\_\_  
 QUADRANGLE OXFORD 7.5' 526 \_\_\_\_\_ HOLBROOK EC \_\_\_\_\_  
 SURFACE OWNER EDWIN E. WHEELER \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER M.C. WILLIAMS \_\_\_\_\_ LEASE ACREAGE 125.

DATE MARCH 23, 19 87  
 OPERATOR'S WELL NO. CNGD 2862  
 API WELL NO. \_\_\_\_\_  
 STATE COUNTY PERMIT  
 47-017-3542

PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 LEASE NO. 13232

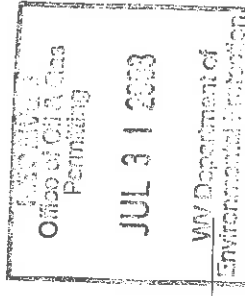
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION ALEXANDER \_\_\_\_\_ ESTIMATED DEPTH 5495'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY \_\_\_\_\_ DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER \_\_\_\_\_ ADDRESS ROUTE 2, BOX 698  
 PITTSBURGH, PA 15244 \_\_\_\_\_ BRIDGEPORT, WV 26330

PERMIT  
 JUN 1 1987

6-6 Straight Fork - Olvestone Creek (133)



State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas



Well Operator's Report of Well Work

Farm name: Wheeler, Edwin Sr Operator Well No.: 2862  
LOCATION: Elevation: 1093.21' Quadrangle: Oxford

District: Cove County: Doddridge  
Latitude: 2615 Feet South of 39 Deg. 10 Min. 00 Sec.  
Longitude 200 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Dominion Exploration & Production, Inc

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Mike Underwood				
Date Permit Issued: 04/21/2003				
Date Well Work Commenced:				
Date Well Work Completed: 07/02/2003				
Verbal Plugging: N/A				
Date Permission granted on: N/A		See existing	Previous Casing prog	WR-35 for
Rotary X Cable Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths ft.: N/A				

OPEN FLOW DATA

Producing formation Injun Pay zone depth (ft) 1982-2052'  
Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 112 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 90 psig (surface pressure) after 12 Hours

\* Commingled with previous formations

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.

Signed: Rodney J. Biggs  
By: Rodney J. Biggs  
Date: 7/28/03

D000 3542 F

SEP 05 2003

**WELL 2862**

**07/02/2003 PERPED AND FRACED AS FOLLOWS:**

INJUN, 1982 - 2052, 16 HOLES, BD 349#, AVG RATE 22 BPM, AVG PRESS 1948#, 351  
BBLs, TOT SAND 25,000#,  
ISIP 1515#



IV-35  
(Rev 8-81)

Date July 15, 1987  
 Operator's Williams  
 Well No. 2862  
 Farm Williams  
 API No. 47-017-3542

State of West Virginia  
 Department of Mines  
 Oil and Gas Division

WELL OPERATOR'S REPORT  
 OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1098 Watershed Middle Fork  
 District: Cove County Doddridge Quadrangle Oxford

COMPANY CNG Development Company  
 ADDRESS P. O. Box 15746  
Pittsburgh, PA 15244  
 DESIGNATED AGENT Gary A. Nicholas  
 ADDRESS Rt 2 Box 698  
Bridgport, WV 26330  
 SURFACE OWNER Edwin E. Wheeler  
 ADDRESS 816 D Street  
Lavton, OK 73601  
 MINERAL RIGHTS OWNER M. C. Williams  
 ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK

Mike Underwood ADDRESS Rt 2, Box 114  
Salem, WV 26426

PERMIT ISSUED May 26, 1987

DRILLING COMMENCED June 11, 1987

DRILLING COMPLETED June 16, 1987

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	256	256	To Surf.
9 5/8			
8 5/8	1513	1513	To Surf.
7			
5 1/2			
4 1/2	5422	5422	600 sks
3			
2-3/8"	5132	5132	----
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5495 feet

Depth of completed well 5558 feet Rotary X / Cable Tools  
 Water strata depth: Fresh 60 feet  
435 feet; Salt 1405 feet  
 Coal seam depths: --- Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Alexander & Riley  
Halltown  
Speechley

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 531 Mcf/d Final open flow 2 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1050 psig (surface measurement) after 24 hours shut in  
 (If applicable due to multiple completion--)

Second producing formation

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)

AUG 03 1987

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

Perforated Alexander 5211-5216, 6 holes; 5168-5173, 14 holes  
 Perforated Alexander (30# Gel) Alexander - Break 4000, Avg TPSI 2156, Avg Rate 35 BPM, HHP used 1849;  
 Water Frac (30# Gel) Alexander 5000# 80/100, 50,000# 20/40, 12,400# 16/30 Sand.  
 ISI 1500, used 500 gals 15% FE, 5000# 80/100, 50,000# 20/40, 12,400# 16/30 Sand.  
 Perforated Benson 4869-4873, 8 holes; 4775-4780, 12 holes  
 Perforated Benson (30# Gel) Benson & Riley - Break 2700, Avg TPSI 2567, Avg Rate 35 BPM, HHP used 2201, ISI 1400, used 500 gals 15% FE, 5,000# 80/100, 28,200# 20/40.  
 Water Frac (30# Gel) Benson & Riley - Break 2700, Avg TPSI 2567, Avg Rate 35 BPM, HHP used 2201, ISI 1400, used 500 gals 15% FE, 5,000# 80/100, 28,200# 20/40.  
 Perforated Balltown 4022-4025, 8 holes; 4010-4016, 16 holes  
 Perforated Balltown 4022-4025, 8 holes; 4010-4016, 16 holes  
 Breakdown @ 2800#, Avg TPSI 2376, Avg Rate 35 BPM, HHP used 2037, ISI 1400, used 500 gals 15% FE acid, 5000# 80/100, 22,500# 20/40 Sand.  
 Perforated Speechley 3370-3377, 16 holes  
 Perforated Speechley 3370-3377, 16 holes  
 Water Frac (30# Gel) Speechley - Break 2200, Avg TPSI 1983, Avg Rate 35 BPM, HHP used 1700,  
 ISI 850, used 500 gals 15% FE acid, 5000# 80/100, 30,000# 20/40, 10,000# 16/30 Sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas.
Clay			0	3	1/2" stream water @ 60'
Sand, Shale & RR			3	1857	Damp @ 435'
Little Lime			1857	1864	Damp @ 1386'
Shale			1864	1875	Wet @ 1405'
Big Lime & Injun			1875	2045	Damp @ 1780'
Sand & Shale			2045	5558	Damp @ 1960'
ELECTRIC LOG TOPS ✓					
Big Lime			1916	1983	
Big Injun			1983	2066	
Weir			2190	2300	
Berea			2393	2402	
Warren			3240	3286	
U. Speechley			3304	3380	
Balltown			4010	4026	
Bradford			4432	4470	
Riley			4770	4800	
Benson			4866	4920	
Alexander			5122	5220	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY  
Well Operator

By: 

Date: July 15, 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 sand, encountered in the drilling of a well."



WM-2 (B) FILE COPY  
**RECEIVED**  
 7/85  
 MAY 08 1987



1) Date: April 29, 19 87  
 2) Operator's Well No. CNGD 2862  
 3) API Well No. 47 017 3542  
 State County Permit

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

4) WELL TYPE: A Oil  Gas  B (If "Gas", Production  Underground storage  Deep  Shallow   
 5) LOCATION: Elevation: 1098 Watershed: Middle Fork  
 District: Cove County: Doddridge 017 Quadrangle: Oxford 525  
 6) WELL OPERATOR: CNG Development Co. CODE: 10110 7) DESIGNATED AGENT Gary Nicholas  
 Address: Cheryl S. Hartle, P.O. Box 15746 Crosswind Corporate Park  
 Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name: Mike Underwood  
 Address: Route 2, Box 114 P.O. Box 48  
 Salem, WV 26426 Buckhannon, WV 26201  
 9) DRILLING CONTRACTOR:  
 Name: Sam Jack Drilling Co.  
 Address: P.O. Box 48  
 Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill  deeper  Drill  deeper  Redrill  Stimulate   
 Plug off old formation  Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_

11) GEOLOGICAL TARGET FORMATION, Alexander  
 12) Estimated depth of completed well, 5495 feet  
 13) Approximate trata depths: Fresh, -2278 feet; salt, - feet.  
 14) Approximate coal seam depths: - A 928 Is coal being mined in the area? Yes  No   
 15) CASING AND TUBING PROGRAM See 017-2836

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used		
Conductor	11-3/4	H-40	42	X			
Fresh water						308 40	To surface By rule 15.05
Coal							
Intermediate	8-5/8	X-42	23	X	1500		To surface By rule 15.05
Production	4-1/2	J-55	10.5	X	5495	200 - 400	Depths set By rule 15.01
Tubing	1-1/2	CN-55	2.75	X			
Liners							Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3542 Date May 26 19 87

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 May 26, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing Fee: <input checked="" type="checkbox"/>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input checked="" type="checkbox"/>
			18149			202

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.



10117  
12