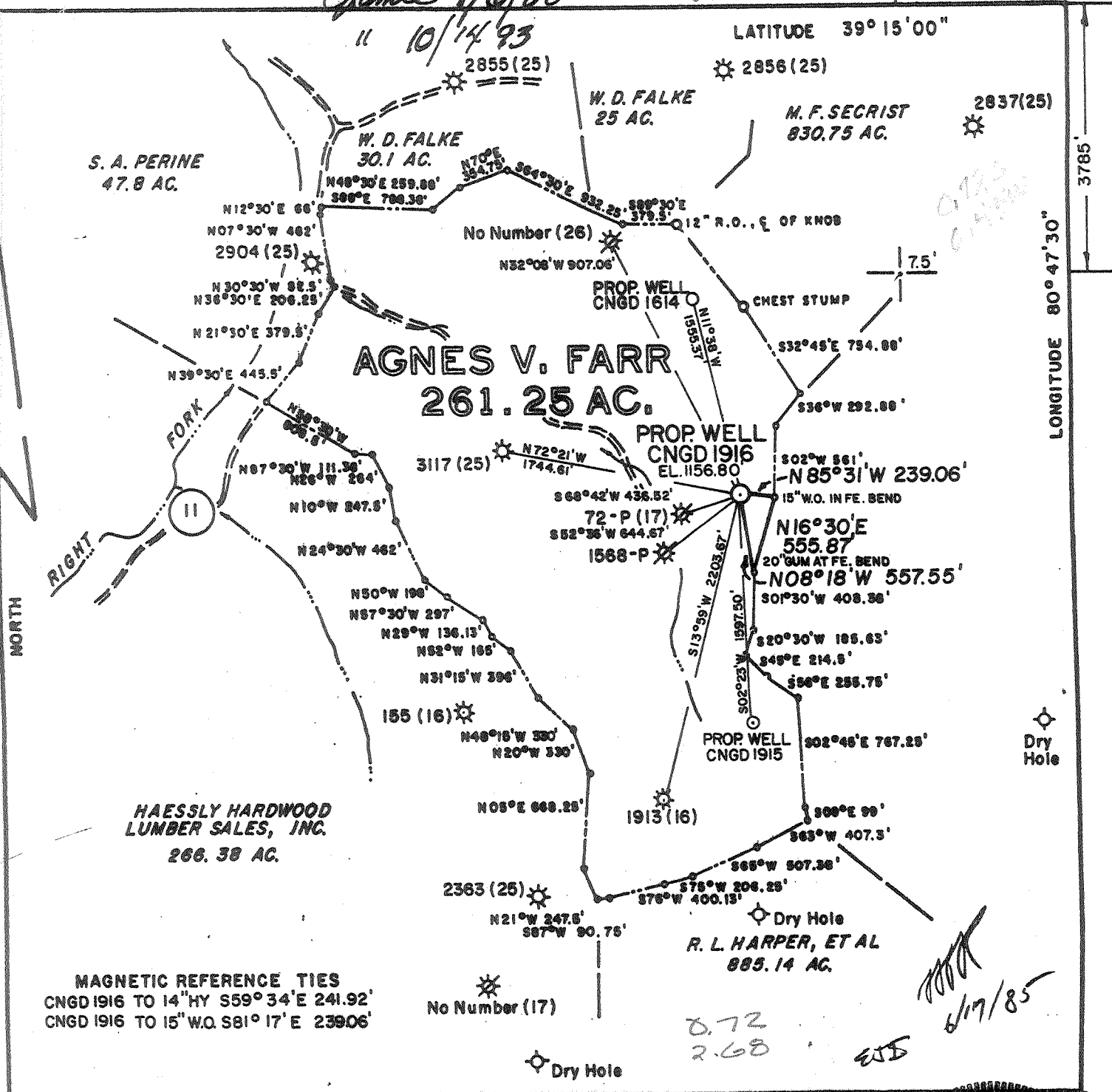


*Janie 7/6/88*  
*11 10/14/93*

2375'  
 3785'  
 LONGITUDE 80° 47' 30"



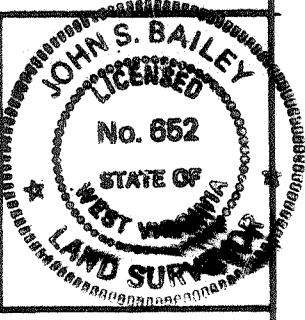
MAGNETIC REFERENCE TIES  
 CNGD 1916 TO 14" HY S59° 34' E 241.92'  
 CNGD 1916 TO 15" W.O. S81° 17' E 239.06'

*0.72*  
*2.68*

*6/17/85*  
*WJS*

FILE NO. MSES 85-648  
 DRAWN BY SARC/RVS  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION BM INT. CO. RT. II & DRIVE; ELEV. 881'

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 MINES.  
 (SIGNED) *John S. Bailey*  
 R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_ 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



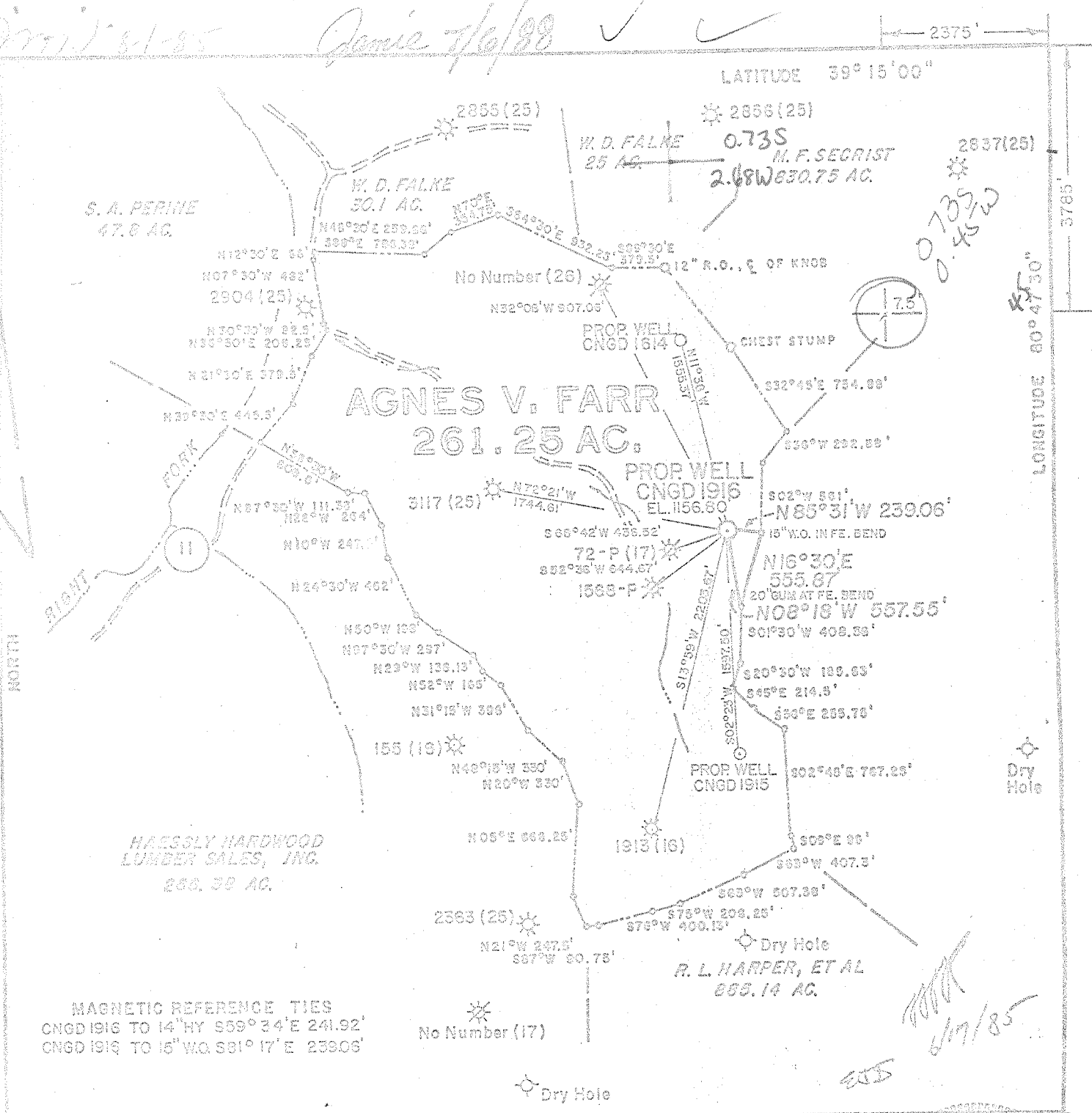
Department of Mines  
 Oil & Gas Division

DATE MAY 20 19 85  
 OPERATOR'S WELL NO. CNGD 1916  
 API WELL NO. 47-017-03650-W  
 STATE COUNTY PERMIT

*(Formerly: 017-3457)*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1156.80' WATER SHED RIGHT FORK  
 DISTRICT WEST UNION COUNTY DODDRIDGE  
 QUADRANGLE OXFORD, WV 7.5' 1964 (1979) *Holbrook NE*  
 SURFACE OWNER ANDERSON H. II & ZOE K. WALTERS ACREAGE 261.25 ±  
 OIL & GAS ROYALTY OWNER RUBY TERESA MAXWELL LEASE ACREAGE 262  
 LEASE NO. 4783  
 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 ALEXANDER, *Benson* ESTIMATED DEPTH 5400'  
 WELL OPERATOR *CNG Producing* DESIGNATED AGENT *Rod G. Biggs*  
 ADDRESS *Some* ADDRESS RT. 2, BOX 698 *Crossvine Corp. Park* BRIDGEPORT, WV 26330

DODD 3650



MAGNETIC REFERENCE TIES  
 CNGD 1916 TO 14" HY S59°34'E 241.92'  
 CNGD 1916 TO 15" WQ. S81°17'E 239.06'

FILE NO. <u>MSES 85-649</u> DRAWN BY <u>SARG/RYS</u> SCALE <u>1" = 1000'</u> MINIMUM DEGREE OF ACCURACY <u>1 PART IN 200</u> PROVEN SOURCE OF ELEVATION <u>BM INT. CO. RT. 11 &amp; DRIVE; ELEV. 881'</u>	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 MINES. (SIGNED) <u>John S. Bailey</u> R.P.E. _____ L.L. _____ 652	
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS FORM IV-3 (8-78)	DATE <u>MAY 20</u> 19 <u>85</u> OPERATOR'S WELL NO. <u>CNGD 1916</u> API WELL NO. <u>47-017-3650</u> STATE COUNTY PERMIT	(Form #13: 017-345) ✓
WELL TYPE: OIL _____ GAS <u>X</u> LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS", PRODUCTION <u>X</u> STORAGE _____ DEEP _____ SHALLOW <u>X</u> ) LOCATION: ELEVATION <u>1156.80'</u> WATER SHED _____ RIGHT FORK _____ DISTRICT <u>WEST UNION</u> COUNTY <u>DODDRIDGE</u> QUADRANGLE <u>OXFORD, WV 7.5' 1984 (1979) 526 058 3 Holbrook NE</u> SURFACE OWNER <u>ANDERSON H. III &amp; ZOE K. WALTERS</u> ACREAGE <u>261.25 ±</u> OIL & GAS ROYALTY OWNER <u>RUBY TERESA MAXWELL</u> LEASE ACREAGE <u>262</u> LEASE NO. <u>4783</u> PROPOSED WORK: DRILL <u>X</u> CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____ TARGET FORMATION <u>ALEXANDER</u> ESTIMATED DEPTH <u>5400'</u> WELL OPERATOR <u>CNG DEVELOPMENT COMPANY</u> DESIGNATED AGENT <u>GARY A. NICHOLAS</u> ADDRESS <u>ONE PARK RIDGE CENTER</u> ADDRESS <u>RT. 2, BOX 164</u> <u>BRIDGEPORT, WV 26330</u>		

142  
 Straight Fork - B (Westonville 133)



2011 5-1-85

CODE

CARD

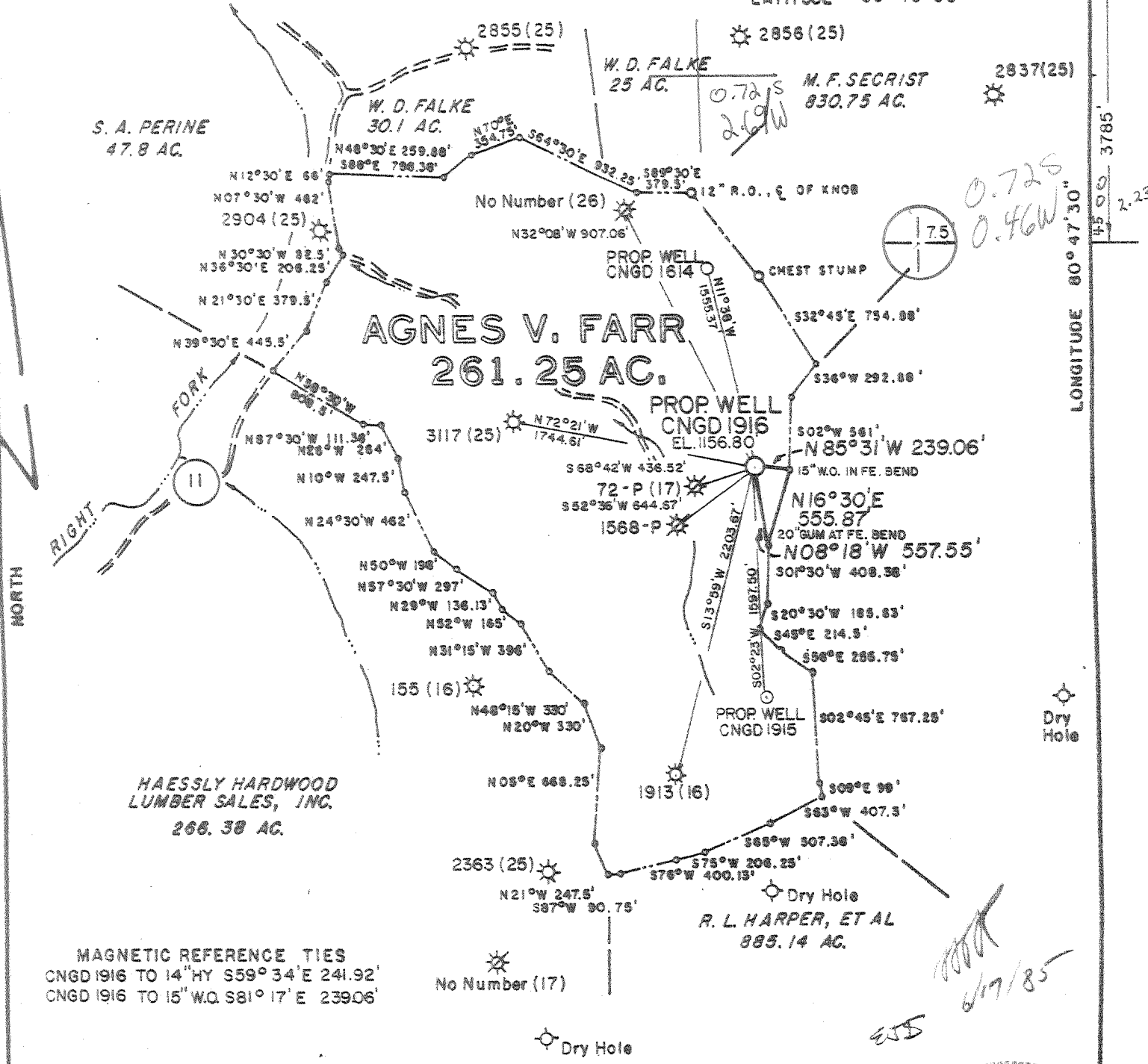
PLOT

2375'

LATITUDE 39° 15' 00"

LONGITUDE 80° 47' 30"

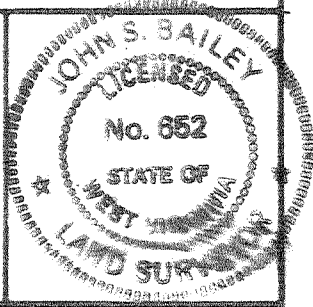
2.23



MAGNETIC REFERENCE TIES  
 CNGD 1916 TO 14" HY S59° 34' E 241.92'  
 CNGD 1916 TO 15" W.O. S81° 17' E 239.06'

FILE NO. MSES 85-648  
 DRAWN BY SARC/RVS  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION BM INT. CO. RT. 11 @ DRIVE; ELEV. 881'

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 MINES.  
 (SIGNED) John S. Bailey  
 R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_ 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



Department of Mines  
 Oil & Gas Division

DATE MAY 20 19 85  
 OPERATOR'S WELL NO. CNGD 1916  
 API WELL NO. 47-017-3457  
 STATE COUNTY PERMIT

Now: 0193650

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1156.80' WATER SHED RIGHT FORK  
 DISTRICT WEST UNION COUNTY DODDRIDGE  
 QUADRANGLE OXFORD, WV 7.5' 1964 (1979) 526 058 NE3  
 SURFACE OWNER ANDERSON H. II & ZOE K. WALTERS ACREAGE 261.25 \*  
 OIL & GAS ROYALTY OWNER RUBY TERESA MAXWELL LEASE ACREAGE 262  
 LEASE NO. 4783  
 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 ALEXANDER ESTIMATED DEPTH 5400' AUG 12 1985  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS 142 ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 164  
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

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

Well Operator's Report of Well Work

2 0 94

Permitting  
Office of Oil & Gas

Farm name: WALTERS, ANDERSON & ZOE Operator Well No.: CNGP 1916

LOCATION: Elevation: 1,156.80 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE  
Latitude: 3785 Feet South of 39 Deg. 15Min. Sec.  
Longitude 2375 Feet West of 80 Deg. 47 Min. 30 Sec.

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

Agent: RODNEY J. BIGGS

Inspector: MIKE UNDERWOOD  
Permit Issued: 10/14/93  
Well work Commenced: 11/30/93  
Well work Completed: 1/7/94  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable Rig  
Total Depth (feet) \_\_\_\_\_  
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.
No additional casing in well			

OPEN FLOW DATA

Gordon 2582-88  
 Producing formation Speechley Pay zone depth (ft) 3258-3382  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 377 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 400 psig (surface pressure) after 48 Hours  
 \*Commingled with existing production  
 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, Manager  
CNG PRODUCING COMPANY

By: Rodney J. Biggs  
Date: January 17, 1994

*Handwritten initials*

Perforated Speechley 3258-3382, 28 shots (Plug @ 3400')

Nowco pumped Gel Water Frac	
Total Acid	500 gals
Total Fluid	512 bbls 28# Gel
Total Sand	45,000 20/40
Ave Rate	29 BPM
Ave Pres.	1700
Frac Grad	.74 psi/ft

Perforated Gordon 2882-88, 24 holes, .39" HSC (Frac Plug @ 2594')

Nowco - 25# Gel Frac	
Breakdown	2170#
Ave HHP	1600
Ave Rate	20
Ave Press	3200
Max Tr Pres	3700
Total Acid	500
Total Sand	30,000#
Max Conc.	3#/gal
Total Fl	561
SL Fluid	396
ISIP	2100
5-min	1800

TD 5445

DF 424

DFT 439

18032

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

Well Operator's Report of Well Work

Farm name: WALTERS, ANDERSON & ZOA Operator Well No.: 1916

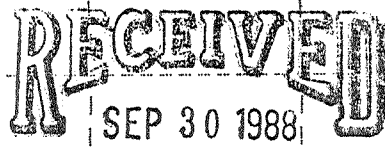
LOCATION: Elevation: 1156.80 Quadrangle: OXFORD  
Water Shed: Right Fork  
District: WESTUNION County: DODDRIDGE  
Latitude: 3785 Feet South of 39 Deg. 15Min. 0 Sec.  
Longitude: 2375 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: CNB DEVELOPMENT CO., A DE  
P. O. BOX 15746  
PITTSBURGH, PA

Asent: GARY A. NICHOLAS

Inspector: MIKE UNDERWOOD  
Permit Issued: 07/06/88  
Well work Commenced: 08/21/88  
Well work Completed: 08/26/88  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Ris 3  
Total Depth (feet) 5445  
Fresh water depths (ft) 78', 515'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	184	184	To Surf.
8 5/8"	1509	1509	To Surf.
4 1/2"	5396	5396	520 sks+



DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
5180-5136  
4852-4858

OPEN FLOW DATA

Alexander  
Benson  
Balltown

Producing formation \_\_\_\_\_ Pay zone depth (ft) 3800-3703  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1.958 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1260 psig (surface pressure) after 24 Hours

1,958 MCF

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.

Rodney J. Biggs

OCT 10 1988

For: CNB DEVELOPMENT CO., A DELAWARE CORP.

By: Rodney J. Biggs  
Date: September 15, 1988

Perforated Alex. 5180 - 5183, 8 shots; 5172 - 5174, 6 shots; 5166 - 5169, 4 shots;  
 5141 - 5144, 4 shots; 5136 - 5138, 3 shots.  
 Foam Frac Alex. - (75Q) Break 1500, Avg TPSI 2799, Avg Rate 20 BPM, HHP used 980,  
 ISI 1450, used 500 gals 15% HCL, 85,000# 20/40 Sand, 66,000 SCFN<sub>2</sub>, 5# Max Sand Conc.

Perforated Benson 4852 - 4858, 21 holes, .39 HSC  
 Foam Frac Benson (75Q) - Break 1920, Avg TPSI 2940, Ave Rate 20 BPM, HHP used 1030,  
 ISI 1480, used 500 gals 15% FE Acid, 65,000# 20/40 Sand, 650,000 SCFN<sub>2</sub>, 5# Max Sand Conc.

Perf. Balltown 3800 - 3808, 10' holes; 3703 - 3708, 10 holes, .39 HSC  
 Foam Frac Balltown (75Q) Break 2400, Avg TPSI 2853, Ave Rate 20 BPM, HHP used 999,  
 ISI 1600, used 500 gals 15% Acid, 65,000# 20/40 Sand, 460,000 SCFN<sub>2</sub>, 5# Max Sand Conc.

Fill	0	5	Water;
Sd, Sh & RR	5	1807	1/4" stream @ 78'
L. Lime	1807	1836	1/4" stream @ 515'
Shale	1836	1851	
B. Lime & Injun	1851	1998	
Shale	1998	2126	
Weir	2126	2233	
Shale	2233	2312	
Berea	2312	2318	
Shale	2318	2490	
Gordon	2490	2603	
Shale	2603	3230	
Warren	3230	3272	
Shale	3272	3361	
U. Speechley	3361	3384	
Shale	3384	4752	
Riley	4752	4765	
Shale	4765	4876	
Benson	4876	4896	
Sand & Shale	4896	5158	
✓ Alexander	5158	5267	
Shale	5267	5445	

LOG TOPS

Big Lime	1846	1940
Big Injun	1940	1996
Weir	2150	2264
Berea	2353	2360
Gordon Gp.	2580	2588
Warren	3220	3262
U. Speechley	3292	3382
Speechley	700	3712
"	800	3809
Benson	852	4900
✓ Alexander	100	5190

**RECEIVED**  
 SEP 30 1988

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

1/2/89





1) Date: July 3, 19 85  
 2) Operator's Well No. 1916  
 3) API Well No. 47 -017-3457 → 017 3650  
 State County Permit

JUL 17 1985

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

CIL & GAS DIVISION  
 DEPT. OF MINES

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 1157 / Watershed: Right Fork  
 District: West Union / County: Doddridge / Quadrangle: Oxford 7.5
- 6) WELL OPERATOR CNG Development Company (142) 7) DESIGNATED AGENT Gary Nicholas  
 Address c/o Paul W. Garrett, P.O. Box 15746 Address Crosswind Corporate Park  
Pittsburgh, PA 15244 1D110 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Mike Underwood  
 Address Route 2, Box 114  
Salem, WV 26426
- 9) DRILLING CONTRACTOR: Name Sam Jack Drilling Co.  
 Address P.O. Box 48  
Buckhannon, WV 26201
- 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, Alexander (439)
- 12) Estimated depth of completed well, 5400 feet
- 13) Approximate trata depths: Fresh, 50 feet; salt, - feet.
- 14) Approximate coal seam depths: 530-533 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	1-3/4	H-40	42	X		160	160	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1500	1500	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		5400	5400	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	X					By Rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3457 Date August 6 19 85

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 August 6, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>9375</u>
---	-------------------	-----------------	-------------------	------------------

*[Signature]*  
 Administrator, Office of Oil and Gas  
 DIRECTOR, DIVISION

NOTE: Keep one copy of this permit posted at the drilling location.

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

File

017-3650  
Issued 7/6/88 Expired 7/6/90  
Page \_\_\_\_\_ of \_\_\_\_\_

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

- 1) Well Operator: CNG Development Company 10110, 8, 525,
- 2) Operator's Well Number: CNGD 1916 3) Elevation: 1157
- 4) Well type: (a) Oil    / or Gas X /  
(b) If Gas: Production X / Underground Storage    /  
Deep    / Shallow X /
- 5) Proposed Target Formation(s): Alexander 429
- 6) Proposed Total Depth: 5400 feet
- 7) Approximate fresh water strata depths: 50'
- 8) Approximate salt water depths: -
- 9) Approximate coal seam depths: 530-533
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work:
- 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						
Fresh Water	11-3/4	H-40	42	160	160	To surface
Coal						38CSR18-11.3 38CSR18-11.22
Intermediate	8-5/8	X-42	23	1500	1500	To surface
Production	4-1/2	J-55	10.5	5400	5400	38CSR18-11.1 200-400 sks
Tubing	1-1/2	CN-55	2.75			
Liners						

RECEIVED  
JUN 02 1988

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

Fee(s) paid:    Well Work Permit    Reclamation Fund    WPCP  
Flat    WW-9    WW-2B    Bond 50000 Agent     
(Type)

RECEIVED  
JUN 02 1988

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

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: May 25, 1988  
2) Operator's well number  
CNGD 1916  
3) API Well No: 47 - 017 - 3650  
State - County - Permit

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 Anderson H. & Zoa Walters  
Address 4837 Hawkwood Trail  
Winston-Salem, NC 27103  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Mary Agnes Wallace & Mary F. Secrist  
Address 405 Church Street  
West Union, WV 26456  
Name \_\_\_\_\_  
Address \_\_\_\_\_

5) Inspector Mike Underwood  
Address Route 2, Box 125  
Salem, WV 26426  
Telephone (304)- 782-1043

(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
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

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:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- X 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 CNG Development Company  
By: [Signature]  
Its: Supervisor, Well Programs  
Address One Park Ridge Center, P.O. Box 15746  
Pittsburgh, PA 15244  
Telephone (412) 787-4117

Subscribed and sworn before me this 20 day of May, 1988

[Signature] Notary Public  
My commission expires June 18, 1990

RECEIVED  
 ENVIRONMENTAL FORM WW-2B  
 28 93

017-3650-W  
 Issued 10/14/93  
 Page of  
 Expires 10/14/95

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

18032

Permitting  
 of Oil & Gas

Well Operator: <sup>146</sup> CNG Producing Company 10110 (8) 526

- 1) Operator's Well Number: CNGP 1916 3) Elevation: 1157
- 2) Well type: (a) Oil \_\_\_ / or Gas X /  
 (b) If Gas: Production X / Underground Storage \_\_\_ /  
 Deep \_\_\_ / Shallow \_\_\_ /  
 433 *Phase 2*
- 3) Proposed Target Formation(s): Gordon, Speechley, Balltown
- 4) Proposed Total Depth: \_\_\_\_\_ feet
- 5) Approximate fresh water strata depths: \_\_\_\_\_
- 6) Approximate salt water depths: \_\_\_\_\_
- 7) Approximate coal seam depths: \_\_\_\_\_
- 8) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No \_\_\_
- 9) Proposed Well Work: Perf and Frac Balltown and Speechley. Squeeze 4 1/2" csg.  
 Perf and Frac Gordon. Knock out plugs. Commingle with original production.

*Original Production  
 Alexander Benson  
 Balltown*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	
Conductor	11 3/4"		184' cts	160 ?	160 To Surface
Fresh Water					
Coal					
Intermediate	8 5/8"		1509' cts	1500 ?	1500 To Surface
Production	4 1/2"		5396' / 5205Ks	5400 ?	5400 200-400 sks
Tubing					
Liners					

*Exp. from well record*

*MAY NEED TO SQUEEZE 4 1/2" MHW*

PACKERS : Kind \_\_\_\_\_  
 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 (Type) Agent

00996

- 1) Date: September 15, 1993
- 2) Operator's well number  
CNGP 1916
- 3) API Well No: 47 - 017 - 30  
State - County - Perm.

Permit No. \_\_\_\_\_  
**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |   |   |
|---|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Anderson H. &amp; Zoa Walters</u><br/>Address <u>4837 Hawkwood Trail</u><br/><u>Winston-Salem, NC 27103</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____<br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Mary Agnes Wallace &amp; Mary E. Secrist</u><br/>Address <u>405 Church Street</u><br/><u>West Union, WV 26456</u></p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____<br/>Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u><br/>Address <u>Rt. 2, Box 135</u><br/><u>Salem, WV 26426</u><br/>Telephone (304)- <u>782-1043</u></p>   |   |

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:

- Personal Service (Affidavit attached)
- X   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 CNG Producing Company  
 By: Rodney J. Biggs *RJ Biggs*  
 Its: Designated Agent - District Manager, Production  
 Address Rt. 2, Box 698, Crosswind Corp. Park  
Bridgeport, WV 26330  
 Telephone (304) 623-8840

Subscribed and sworn before me this 15th day of September, 1993

Nancy D. Colton Notary Public

My commission expires September 26, 1993