

Latitude

39 07 30

80 02 30

Longitude

OK
to
15' loc
6/2/74

Topo Location

7.5' Loc. 2.415 15' Loc. 5.295
0.09W (calc.) 2.32W

Company _____

Farm _____

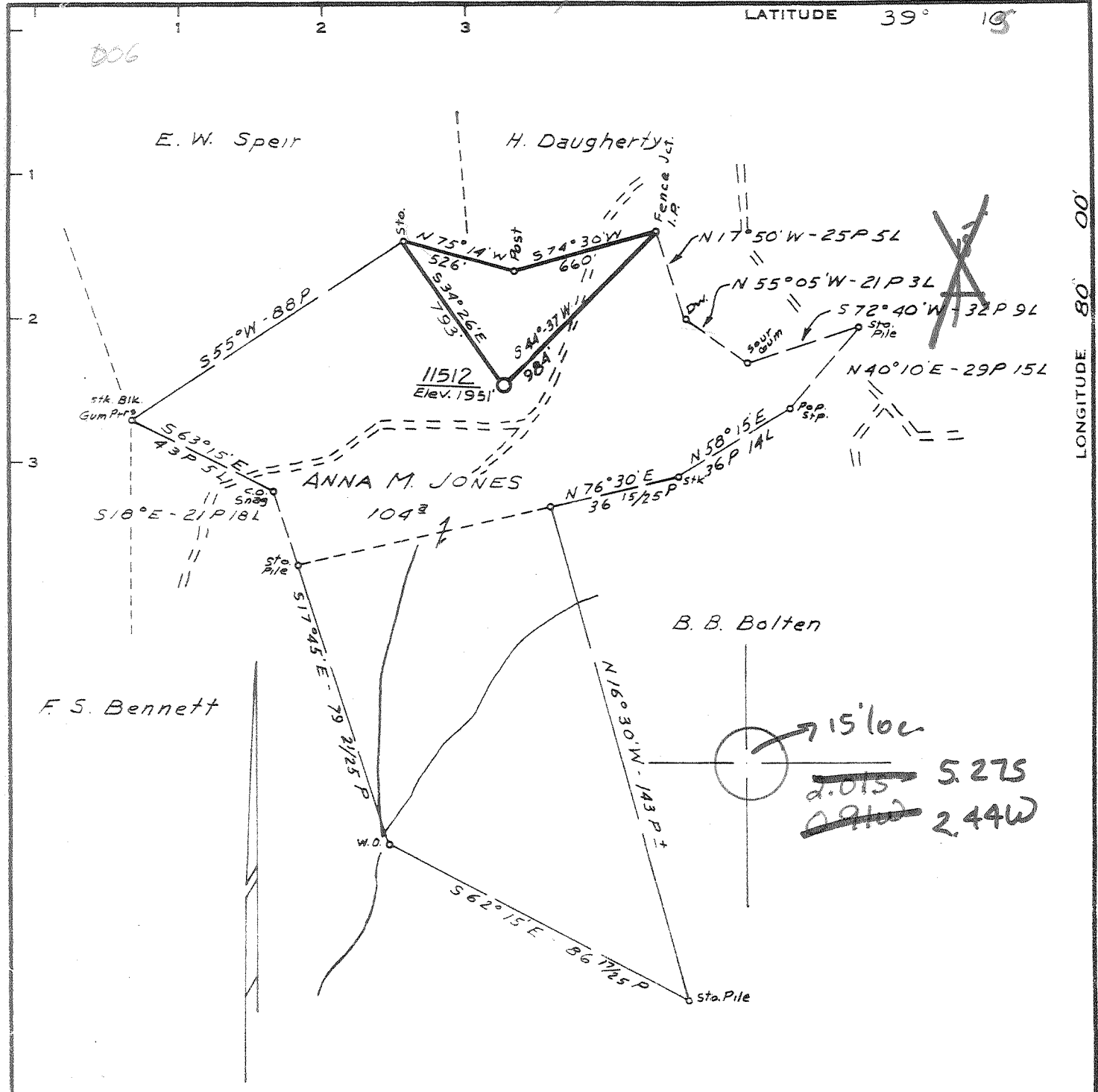
15' Quad Philippi EC
(sec.) _____

7.5' Quad Audra _____

District Philippi _____

WELL LOCATION PLAT

County 001 Permit 608



Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. ROAD FORKS - AUDRA 7 1/2 TOPO MAP
ELEVATION - 1947'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 43-B S.26 E.31

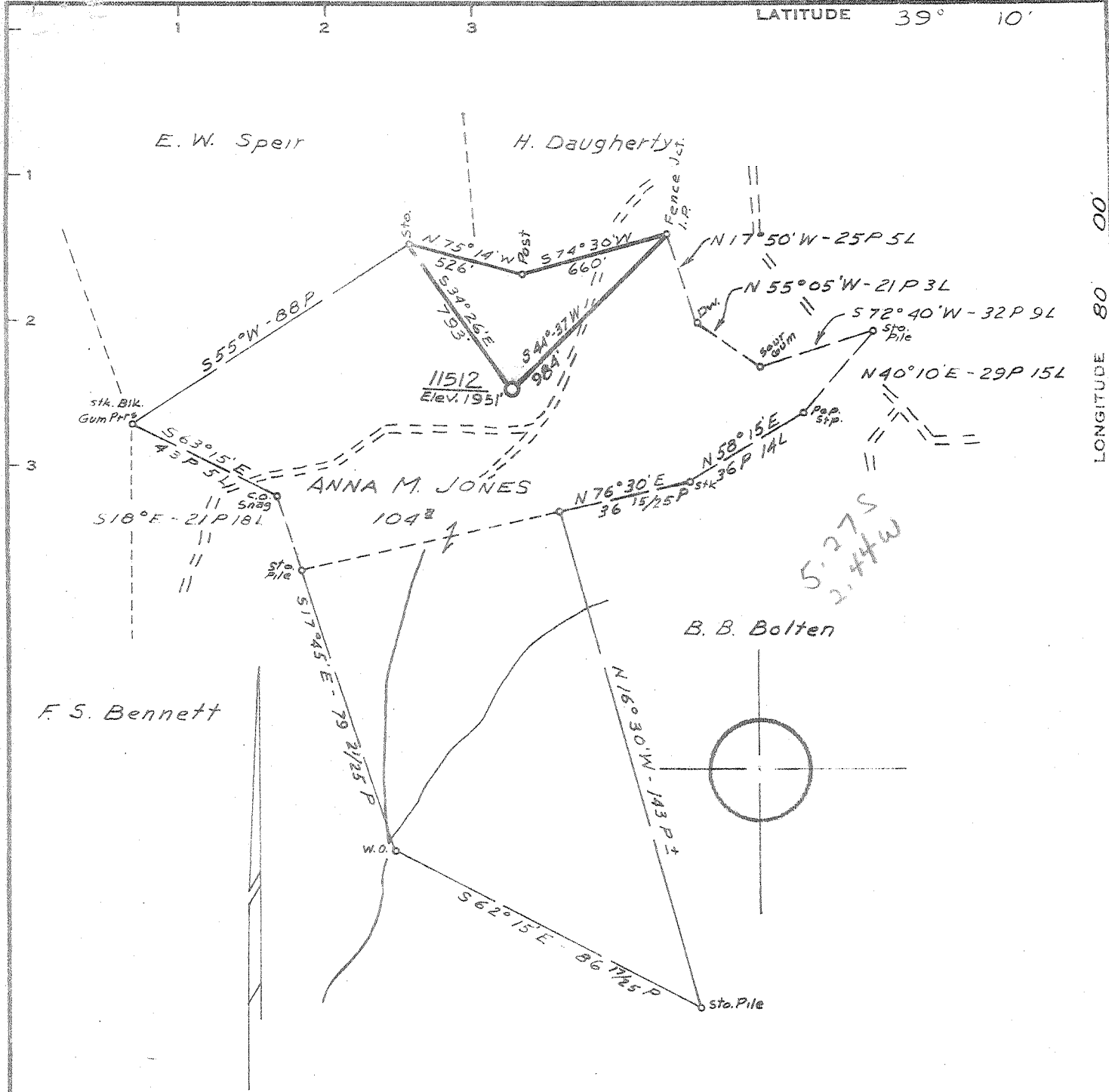
F.B. 1624 Pgs. 32-33

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W. VA.
 Farm ANNA M. JONES
 Tract Acres 104 Lease No. 68925
 Well (Farm) No. 11512 Serial No. 11512
 Elevation (Spirit Level) 1951'
 Quadrangle PHILIPPI E.C. 4 15' 104
 County BARBOUR District NORTH Philippi
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date JULY 18, 1972 Scale 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Bar-608-DD

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.



LONGITUDE 80° 00'

27,725'

Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. ROAD FORKS - AUDRA 7 1/2 TOPO MAP
ELEVATION - 1947
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 43-B S-26 E-31

FB. 1624 Pgs. 32-33

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W. VA.
 Farm ANNA M. JONES
 Tract Acres 104 Lease No. 68925
 Well (Farm) No. 11512 Serial No. 11512
 Elevation (Spirit Level) 1951'
 Quadrangle PHILIPPI E.C.
 County BARBOUR District North Philippi
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date JULY 18, 1972 Scale 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Bar-608

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing. AUG 23 1972

LATITUDE 39° 10'
39° 07' 30"

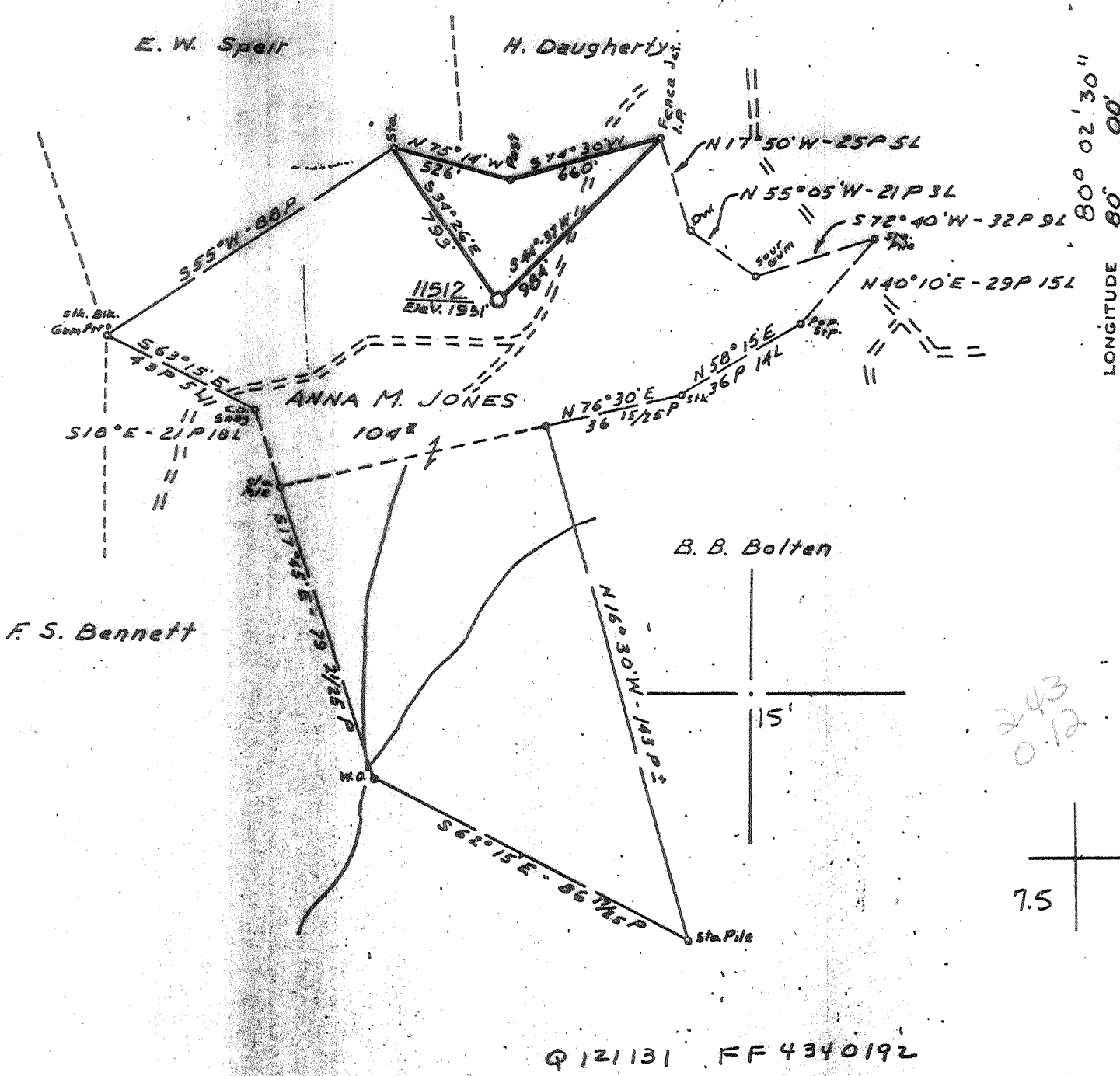
7 1/2 = 675'

LONGITUDE 80° 02' 30"
80° 00'

LONGITUDE 80° 00'

7 1/2 = 12,725'

NORTH



Q 121131 FF 4340192

243
0.12
7.5

FILE NO. _____
DRAWING NO. 6161
SCALE 1" = 660'
MINIMUM DEGREE OF ACCURACY 1' in 200'
PROVEN SOURCE OF ELEVATION B.M. Road Forks
Andra 7 1/2 Topo Elev = 1947

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) Jefferson M. Jarman
R.P.E. 2397 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE July 18, 1972
OPERATOR'S WELL NO. 11512
API WELL NO. _____
47-001-00608-F
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1951 WATER SHED _____
DISTRICT NORTH COUNTY BARBOUR
QUADRANGLE Phillipi Ec. Andra 7.5

SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER ANNA M. JONES LEASE ACREAGE 104
LEASE NO. 068925

PROPOSED WORK: DRILL ___ 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 _____ ESTIMATED DEPTH _____
WELL OPERATOR CNGT CORP DESIGNATED AGENT C.E. ROBERTS
ADDRESS 500 DAVISSON RUN RD. CLARKSBURG, WV 26301 ADDRESS 500 DAVISSON RUN RD. CLARKSBURG, WV 26301

WR-35

22-Aug-96
API # 47- 1-00608 F

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

K

Well Operator's Report of Well Work

Farm name: DAUGHERTY, MARGARET P. Operator Well No.: 11512

LOCATION: Elevation: 1,951.00 Quadrangle: AUDRA

District: PHILIPPI County: BARBOUR
Latitude: 12725 Feet South of 39 Deg. 7 Min. 30 Sec.
Longitude 675 Feet West of 80 Deg. 2 Min. 30 Sec.

Company: CNG TRANSMISSION CORP.
445 W. MAIN ST., P.O. BOX 2450
CLARKSBURG, WV 26302-2450

Agent: JAMES D. BLASINGAME

Inspector: PHILLIP TRACY
Permit Issued: 08/26/96
Well work Commenced: 11/12/96
Well work Completed: 12/11/96
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.

RECEIVED
Office of Oil & Gas
Permitting
FEB 24 2000
WV Division of
Environmental Protection

OPEN FLOW DATA

Producing formation Bayard Pay zone depth (ft) 2251-2275
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 0 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

Second producing formation Warren Pay zone depth (ft) 2443-2450
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 86 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 840 psig (surface pressure) after 14 Hours

* FORMATIONS PRODUCED SALT WATER. SQUEEZED ZONES WITH CEMENT. RE-ESTABLISHED EXISTING PRODUCTION.

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: Brian C. Sheppard
CNG TRANSMISSION CORP.

By: Brian Sheppard, Sr. Staff Engineer
Date: 2/18/2000

BAR 0608 F
MR
llc

MAR 3 2000

WEWV11512

11/12/96 PERFORATED BAYARD, 2251 - 2275'
Warren, 2443 - 2450',

08/11/97 ZONES PRODUCED SALTWATER. SQUEEZED ZONES WITH CEMENT
1/98 RE-ESTABLISHED EXISTING PRODUCTION



IV-35
(Rev 8-81)

RECEIVED
JUN 10 - 1984

REGISTRATION DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 19, 1984
Operator's
Well No. 11512
Farm Anna M. Jones
API No. 47 - 001 - 0608-DD

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 X / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 1951' Watershed Tygart River
District: Philippi County Barbour Quadrangle Audra

COMPANY Consolidated Gas Transmission Corp.

ADDRESS 445 W. Main St., Clarksburg, WV

DESIGNATED AGENT L. Joseph Timms, Jr.

ADDRESS 445 W. Main St., Clarksburg, WV

SURFACE OWNER Harold H. & Margaret P. Daugherty

ADDRESS Rt. 2, Box 264, Philippi, WV 26416

MINERAL RIGHTS OWNER Harold H. Daugherty, Agt.

ADDRESS Rt. 2, Box 264, Philippi, WV 26416

OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy
Forest Festival Terrace
ADDRESS Apt. 24, Elkins, WV 26241

PERMIT ISSUED February 3, 1984

DRILLING COMMENCED March 8, 1984

DRILLING COMPLETED March 11, 1984

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

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10 1/4		20	To surface
9 5/8			
8 5/8		804	To surface
7			
5 1/2			
4 1/2	5414	5414	500 Sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5262-5266 feet

Depth of completed well 5610 feet Rotary X / Cable Tools _____

Water strata depth: Fresh none feet; Salt _____ feet

Coal seam depths: 300-306 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation (Haverty?) Elks, Benson & Riley Pay zone depth see perf. feet

Gas: Initial open flow n/a Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 192.3 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 JUN 18 1984 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

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

Haverty, Fourth & Third Elk - Perforations -5262-66, 4863, 4873, 4876, 4880 & 4850. 9 holes.
70,000# sand, 700 gal. 15% HCL acid and 700 bbls of water.

Second & First Elk & Benson - Perforations -4382, 4270-73, 4160-62, 4096 & 3992-96. 10 holes.
70,000# sand, 700 gal. 15% HCL acid and 700 bbls. of water.

Rile - Perforations - 3832, 3829, 3768-64 and 3644-39. 11 holes.
70,000# sand, 700 gal. 15% HCL acid and 650 bbls. of water.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Old Hole					
Sand & Shale			0	300	
Coal			300	306	
Sand & Shale			306	805	
Shale & Red Rock			805	1180	
Shale & Lime			1180	1480	
Sand & Shale			1480	1575	
Gantz Sand			1575	1650	
Sand & Shale			1650	2196	
Fifth Sand			2196	2226	
Sand & Shale			2226	3829	
Sand & Shale			3829	3990	
Benson			3990	4050	
Total Depth of Old Hole				4110	
New Hole					
Shale	Gray		4110	4223	
Sand	Light Gray		4223	4315	
Sand & Shale	Gray		4315	4378	
Sand	Light Gray		4378	4534	
Shale	Dark		4534	4700	
Sand & Shale	Light Gray		4700	4876	
Shale	Dark		4876	5000	
Sand & Shale	Light Gray		5000	5218	
Shale	Dark		5218	5363	
Sand	Light Gray		5363	5385	
Haverty	Dark		5385	5395	
Sand & Shale	Gray		5395	5437	
Sand	Light Gray		5437	5500	
Shale	Dark Gray		5500	5623	
KBM 10' above G. L.					

T.D. Brallier

5623 TD
- 4110 old TD
1513 new sl.

(Attach separate sheets as necessary)

Consolidated Gas Transmission Corp.

Well Operator

By: J. L. Quinn / Manager of Production

Date: June 6, 1964 *bx W. K. Kelly*

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."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED

DEC 18 1972

OIL & GAS DIVISION
DEPT. OF MINES

Rotary On
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

39-15
6-57
Quadrangle PHILIPPI

Permit No. BAR-608

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Anna M. Jones Acres 10 1/4
Location (waters) Tygart River
Well No. 11512 Elev. 1951'
District North County Barbour
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 10-4-72
Drilling Completed 10-11-72
Initial open flow 373 M cu. ft. _____ bbls.
Final production 372 M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 525# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20-16 11"	20'	20'	To surface
9 5/8			
8 5/8	80 1/4	80 1/4'	To surface
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well not treated

Not perforated

Coal was encountered at 300' Feet 72 Inches
Fresh water 37' 150' Feet Salt Water None Feet
Producing Sand Gantz Depth 1575-1650'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	300	Water	37' Fresh
Coal			300	306		
Sand & Shale			306	805	Water	150' Fresh
Shale & Red Rock			805	1180		
Shale & Lime			1180	1180		
Sand & Shale			1180	1575		
<u>Gantz Sand</u>			1575	1650'	Gas	1578'
Sand & Shale			1650	2196		
5th Sand			2196	2226		
Sand & Shale			2226	3829		
Sand & Shale			3829	3990		
- <u>Benson</u>			3990	4050	Gas	Show Benson
Total Depth				4110'		

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, W. Va.

All measurements taken from K.R. 9' above G. L.

(over)

* Indicates Electric Log tops in the remarks section.

ENVIRONMENTAL PROTECTION
1996

1) Date: _____
2) Operator's well number
11512
3) API Well No: 47 - 001 - 00608 - F
State County Permit

Permitting
Office of Oil & Gas

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 Margaret P. Daugherty Name None
 Address Rt. 2, Box 264-A Address _____
Philippi, WV 26416
 (b) Name _____ (b) Coal Owner(s) with Declaration
 Address _____ Name _____
 Address _____
 (c) Name _____ Name _____
 Address _____ Address _____
- 6) Inspector Phillip Tracy (c) Coal Lessee with Declaration
 Address Rt. 2, Box 37-A Name None
Montrose, WV 26283 Address _____
 Telephone (304)- 636-8798

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

_____ 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)
- 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 Transmission Corporation
By: [Signature]
Its: Assistant Vice President
Address 445 W. Main Street
Clarksburg, WV 26301
Telephone (304) 623-8000

Subscribed and sworn before me this 4 day of June, 1996

Cathy J. Donnellan
My commission expires May 18, 2004

OFFICIAL SEAL
Notary Public
CATHY J. DONNELLAN
CNG Transmission
P. O. Box 2450
Clarksburg, WV 26302-2450
My Commission Expires May 18, 2004

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG Transmission Corporation 10900 (5) 225
2) Operator's Well Number: 11512 3) Elevation: 1951'
4) Well type: (a) Oil / or Gas x/ Issued 08/26/96 Expires 08/26/98
(b) If Gas: Production x/ Underground Storage / Deep / Shallow / 427
Proposed Target Formation(s): Bayard, Warren 2252-2276
Proposed Total Depth: 2443-2450 feet
Approximate fresh water strata depths:
Approximate salt water depths:
Approximate coal seam depths:
10) Does land contain coal seams tributary to active mine? Yes / No /
11) Proposed Well Work: Perforate and frac proposed zones. Clean well up. Comingle with existing zones.
12)

RECEIVED
WV Division of Environmental Protection
4-13-98 1996
Permitting Office of Oil & Gas

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS : Kind
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)

22352

44653/26

76



1) Date: January 26, 19 84
 2) Operator's Well No. 11512
 3) API Well No. 47 - 001 - 0608 - DD
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas / (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1951 Watershed: Tygart River
 District: Philippi County: Barbour Quadrangle: Audra
 6) WELL OPERATOR Consolidated Gas Supply Corp. 7) DESIGNATED AGENT L. Joseph Timms, Jr.
 Address 115 West Main Street Address 115 West Main Street
Clarksburg, West Virginia Clarksburg, West Virginia
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name S. W. Jack Drilling Co.
 Address General Delivery Address Indiana, Pa.
Ellamore, WV 26267
 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, Haverly
 12) Estimated depth of completed well, 5425 feet
 13) Approximate strata depths: Fresh, 37 & 450 feet; salt, _____ feet.
 14) Approximate coal seam depths: 300-306 Is coal being mined in the area? Yes

RECEIVED
 JAN 29 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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		
Conductor	11 3/4	H-40	42	X		To surface	Kinds
Fresh water							<u>ALREADY IN PLACE</u>
Coal	8 5/8	K-55	24	X		To surface	Sizes
Intermediate							
Production	4 1/2	K-55	10.5	X	5425	300 Sks.	Depths set
Tubing							<u>or as req by rule 15.01</u>
Liners							Perforations:
							Top Bottom
							Unknown at this time.

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-0608-DD Date February 3, 1984

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 February 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>LP</u>	Plat: <u>ML</u>	Casing: <u>MW</u>	Fee: <u>000.25</u>
----------------------	------------------	-----------------	-------------------	--------------------

[Signature]
 Administrator, Office of Oil and Gas



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
AUG 11 1972
OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE August 9, 1972

Surface Owner Harold H. Daugherty
Address Rt. 2, Box 264, Philippi, W. Va.
Mineral Owner Harold H. Daugherty, Agent
Address Rt. 2, Box 264, Philippi, W. Va.
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Anna M. Jones Acres 104
Location (waters) Tygart Valley River
Well No. 11512 Elevation 1951'
District North Philippi County Barbour
Quadrangle PHILIPPI

INSPECTOR TO BE NOTIFIED

My Paul
PH: 472-6418
W.D. 26201

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-31-72.

John T. [Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 8-26-59 1959 by Earl & Anna Jones made to Hope Natural Gas Company and recorded on the 23rd day of October 1959 in Barbour County, Book 411 Page 147
XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) [Signature] Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Bar-608 PERMIT NUMBER
[Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 1070' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13x10x 11"	20'	20'	To surface
9 - 5/8			
8 - 5/8	800'	800'	To surface
7			
5 1/2			
4 1/2	1070'	1070'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS Est. 171'
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title