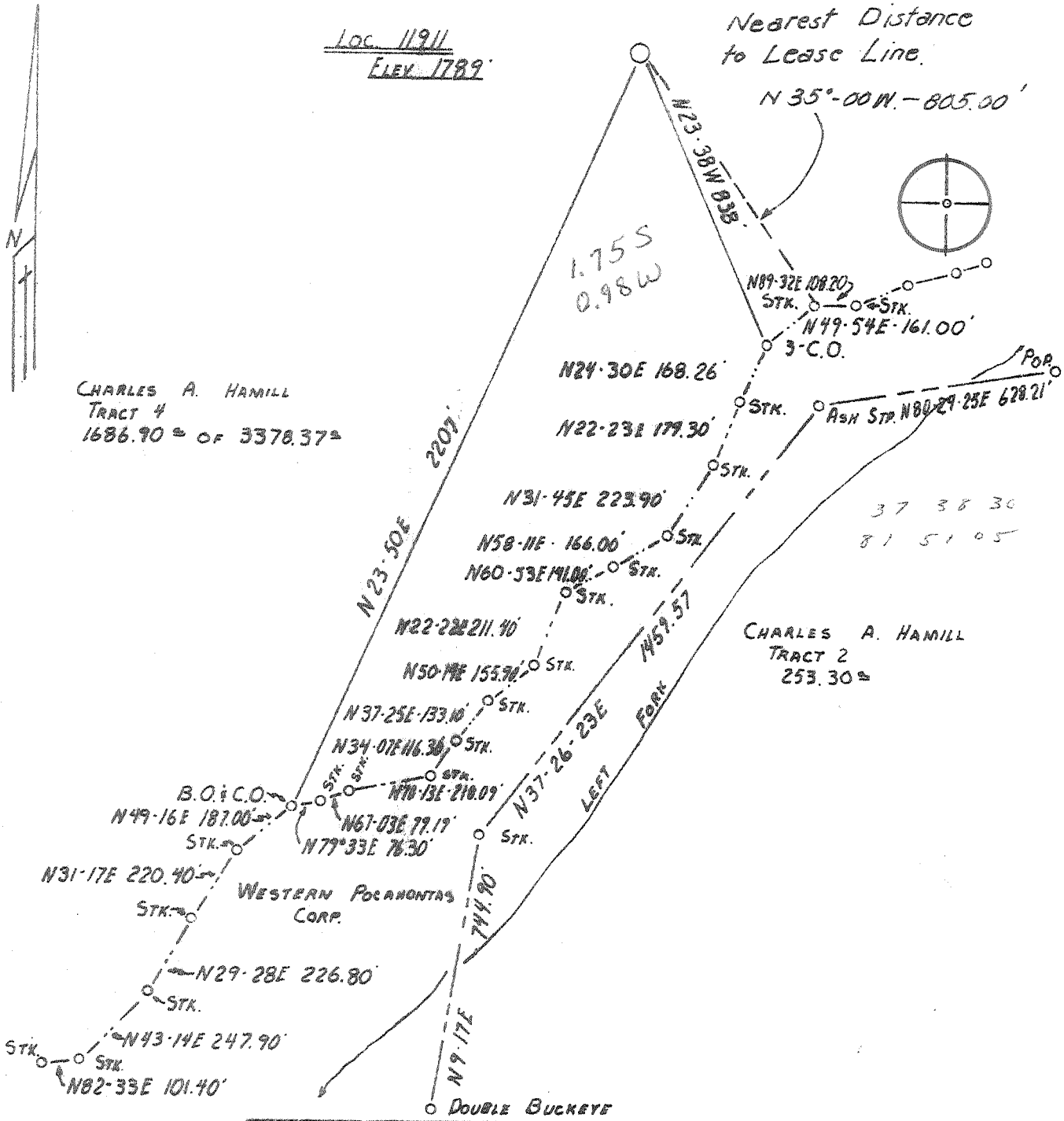


Loc. 11911
Elev. 1789'

Nearest Distance
to Lease Line.

N 35°-00' W. - 805.00'



CHARLES A. HAMILL
TRACT 4
1686.90 ± OF 3378.37 ±

CHARLES A. HAMILL
TRACT 2
253.30 ±

Minimum Error of Closure 1' IN 200'
Source of Elevation LEVELS FROM CONSOL. GAS SUPPLY CORP
GAS WELL 11994 - ELEV. 1786'
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.

Port - Plug 8/20/75
New Location
Drill Deeper
Abandonment

MAP SHEET 224W 5-124 W-72 F.B. 1694 R. 34-35

Company	CONSOL. GAS SUPPLY CORP.		
Address	CLARKSBURG, WEST VIRGINIA		
Farm	CHARLES A. HAMILL		
Tract	4	Acres	3378.37 Lease No. 72674
Well (Farm) No.		Serial No.	11911
Elevation (Spirit Level)	1789'		
Quadrangle	GILBERT, C.C.		
County	MINGO	District	STAFFORD
Engineer	Jackson M. Jarvis		
Engineer's Registration No.	2397		
File No.		Drawing No.	
Date	Nov. 27, 1974 Scale 1" = 400'		

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

WELL LOCATION MAP
FILE NO. Ming-850-PP

○ 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.

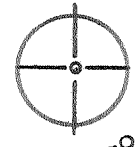
— Denotes one inch spaces on border line of original tracing.

47 159

Loc. 11911
Elev. 1789'

Nearest Distance to Lease Line.

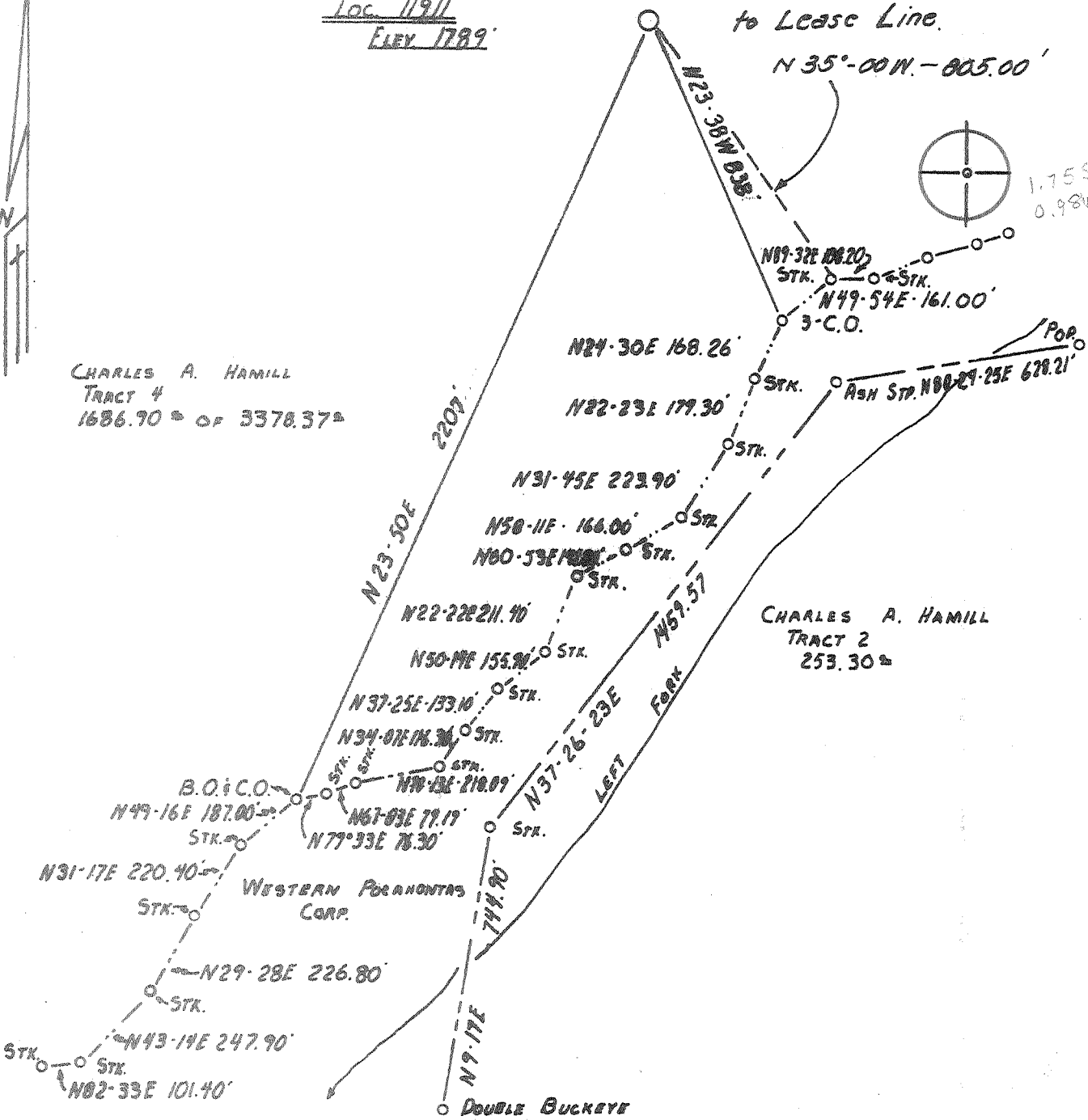
N 35°-00' W - 805.00'



1.75 S
0.98 N

CHARLES A. HAMILL
TRACT 4
1686.90 ± OF 3378.37 ±

CHARLES A. HAMILL
TRACT 2
253.30 ±



Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM CONSOL. GAS SUPPLY CORP.
GAS WELL 11994 - ELEV. 1786'
 "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 224W 5-124 W-72 F.B. 1694 P. 34-35

Company CONSOL. GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm CHARLES A. HAMILL
 Tract 4 Acres 3378.37 Lease No. 72674
 Well (Farm) No. _____ Serial No. 11911
 Elevation (Spirit Level) 1789'
 Quadrangle GILBERT (C.C.)
 County MINGO District STAFFORD
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date Nov. 27, 1974 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Ming-850

+ 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.

6/225 (Drish) Deep well 47 159 APR 24 1975 6791



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle GILBERT
Permit No. MINGO-850

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

Company <u>Consolidated Gas Supply Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, W. Va.</u>				
Farm <u>Charles A. Hamill</u> Acres <u>3378.37</u>				
Location (waters) <u>Left Fork</u>	Size <u>26"</u>	<u>20'</u>	<u>20'</u>	To surface
Well No. <u>11911</u> Elev. <u>1789'</u>	20 <u>16"</u>	<u>32'</u>	<u>82'</u>	To surface
District <u>Stafford</u> County <u>Mingo</u>	Cond. <u>13-100</u>			
The surface of tract is owned in fee by _____	13-100 <u>11"</u>	<u>414'</u>	<u>414'</u>	To surface
Address _____	<u>9 5/8</u>			
Mineral rights are owned by _____	<u>8 5/8</u>	<u>2634'</u>	<u>2634'</u>	To surface 550 bag
Address _____	<u>7</u>			
Drilling Commenced <u>4-30-75</u>	<u>5 1/2</u>	<u>4094'</u>	<u>4094'</u>	155 bbl 6% gel
Drilling Completed <u>5-21-75</u>	<u>4 1/2</u>	<u>6292'</u>	<u>3292'</u>	80 bags
Initial open flow <u>26 M</u> cu. ft. _____ bbls.	<u>3</u>			
Final production <u>1,055 M cu. ft</u> per day _____ bbls.	<u>2</u>			
Well open <u>1 1/2</u> days hrs. before test <u>810#</u> RP.	Liners Used			

Well treatment details: Attach copy of cementing record.

Oriskany fractured with 16,000# sand, 600 bbl water, 400 bbl 15% water (sand Laden)
Perforations: 6120-6130' with 10 holes
Shot brown shale with 3200# gelatin 4700' to 5050'
Perforated 5 1/2" casing 3983-4001' with 18 holes and fractured Berea with 670 bbl water
500 gal 15% acid and 50,000# sand.
Perforated 5 1/2" casing 3174-78' and acidized Big Lime with 8000 gal 15% acid.

Coal was encountered at Various See log _____ Feet _____ Inches
Fresh water 237 Feet _____ Salt Water 822 Feet _____
Producing Sand Berea & Big Lime Depth _____ See perfs

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	126		
Coal			126	129		
Sand			129	211		
Coal			211	213		
Sand & Shale			213	645	Water	237' Fresh
Coal			645	648		
Coal			702	705	Water	822' Salty
Coal			903	905		
Coal			1328	1330		
Sand & Shale			1330	2349		
Maxton			2349	2977		
Little Lime			3012	3057		
Big Lime			3057	3424	Gas	3174-78'
Big Injun			3424	3456		
Berea			3985	4016	Gas	3983-4001'
Sand & Shale			4016	6120		
<u>ORISKANY</u>			6120	6140	Gas	Show
Total Depth Drilled				6319'		
Plugged back to				4300'		Present T.D.
KBM 10' above G.L.						

(over) Consolidated Gas Supply Corporation
115 West Main Street
Clarksburg, W. Va.

* Indicates Electric Log tops in the remarks section.

6319
4016
2303 expl. ft.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 4 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE April 2, 1975

Surface Owner Gilbert Imported Hardwood Co.

Company Consolidated Gas Supply Corporation

Address Drawer D, Gilbert, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Dave V. Ward

Farm Charles A. Hamill Acres 3378.37

Address 26 Floramar Terrace, New Port Richy Fla.

Location (waters) Left Fork

Coal Owner Gilbert Imported Hardwood

Well No. 11911 Elevation 1789'

Address Drawer D, Gilbert, W. Va.

District Stafford County Mingo

Coal Operator Same

Quadrangle GILBERT

Address _____

No deep wells within 3000' of this location

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

INSPECTOR TO BE NOTIFIED Kenneth Butcher
RFD #1 736-4885
Barboursville, WV.

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

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 5-15-63 19 by Charles A. Hamill made to Hope Natural Gas Co. and recorded on the 26th day of July 1963, in Mingo County, Book 44 Page 71

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 Same 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

Consolidated Gas Supply Corporation
Street

445 West Main Street
City or Town

Clarksburg, W. Va.
State

Address
of
Well Operator

All provisions being in accordance with Chapter 21 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8-7-75

[Signature]
Deputy Director - Oil & Gas Division

*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

MIN-850

PERMIT NUMBER

47 059

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 Lohmann Johnson Drilling Co. NAME R. E. Bayne
 ADDRESS Charleston, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 6225' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XXX 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.
XX 16"	90'	90'	To surface
XXXXX 11"	430'	430'	To surface
9 - 5/8			
8 - 5/8	2650'	(Run back-off nipple at 900') & pull 8-5/8" from 900'	1100' cemented
7			
5 1/2			
4 1/2	6225'	6225'	225 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 125' FEET _____ SALT WATER 850' FEET _____
 APPROXIMATE COAL DEPTHS Various See Estimated Log attached
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Gilbert Imported

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