

Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS from Rd. Fr. 1.5 Mi. NE TRIPLETTE LEFT FORK and MULBERRY RIDGE ELV. 914'
 "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."

- FRACTURE
 New Location
 Drill Deeper
 Abandonment

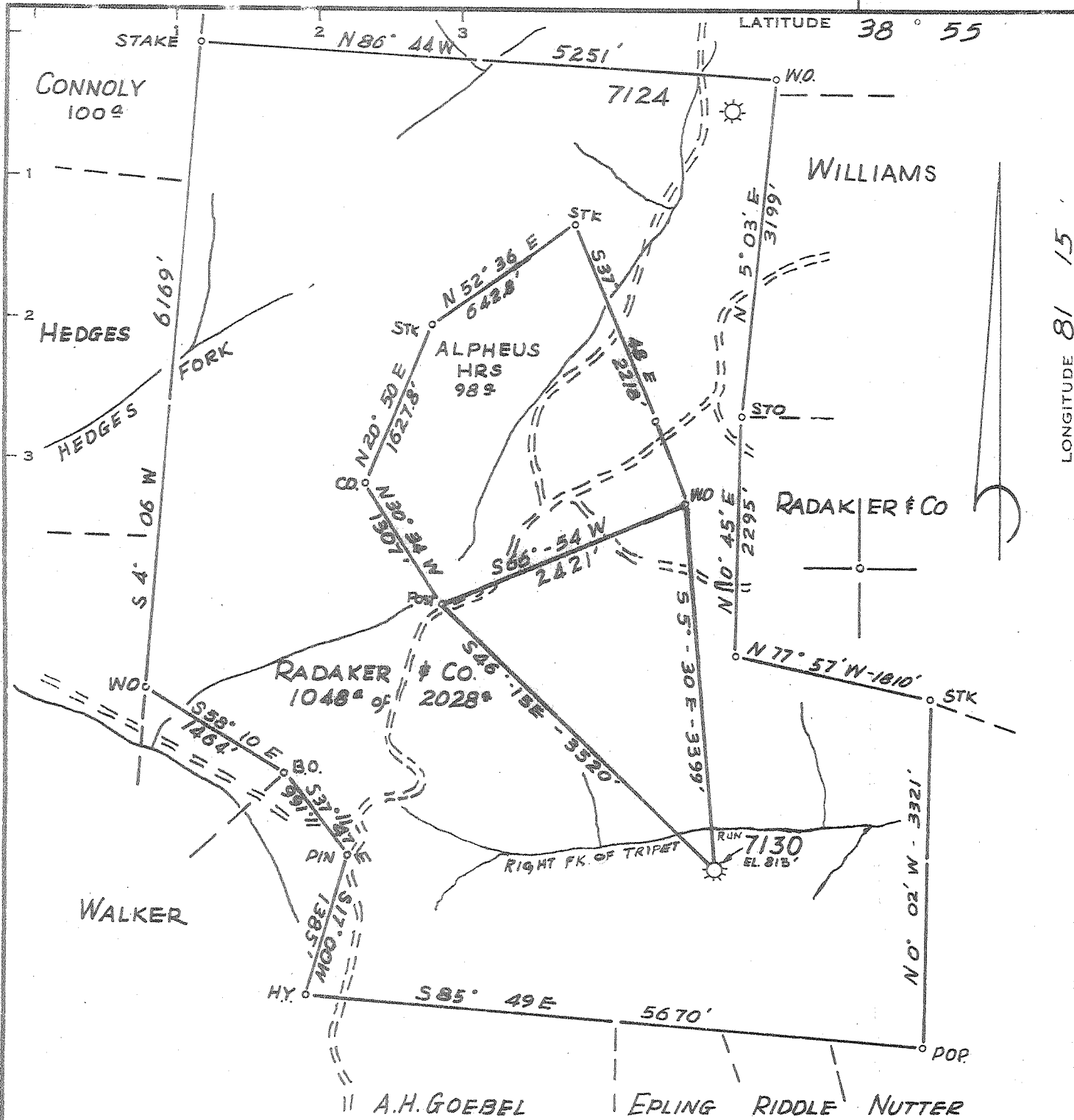
→ issued 8/22/72
 MAP SHEET 52-S S40 W38 FB 1618 PG 34-35

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm RADAKER & CO.
 Tract _____ Acres 2028 Lease No. 42719
 Well (Farm) No. _____ Serial No. 7130
 Elevation (Spirit Level) 813'
 Quadrangle SPENCER, W.VA. EC
 County ROANE District SPENCER
 Engineer Jackson M. Jarvin.
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-2-72 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. R09-144-FRAC^{CO}
 Now: R02-1159 (A) - See microfilm for original well record

+ 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. (164)



Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS from Rd Fr. 1.5 Mi NE TRIPLETTE LEFT FORK and MULBERRY RIDGE EL. 914'
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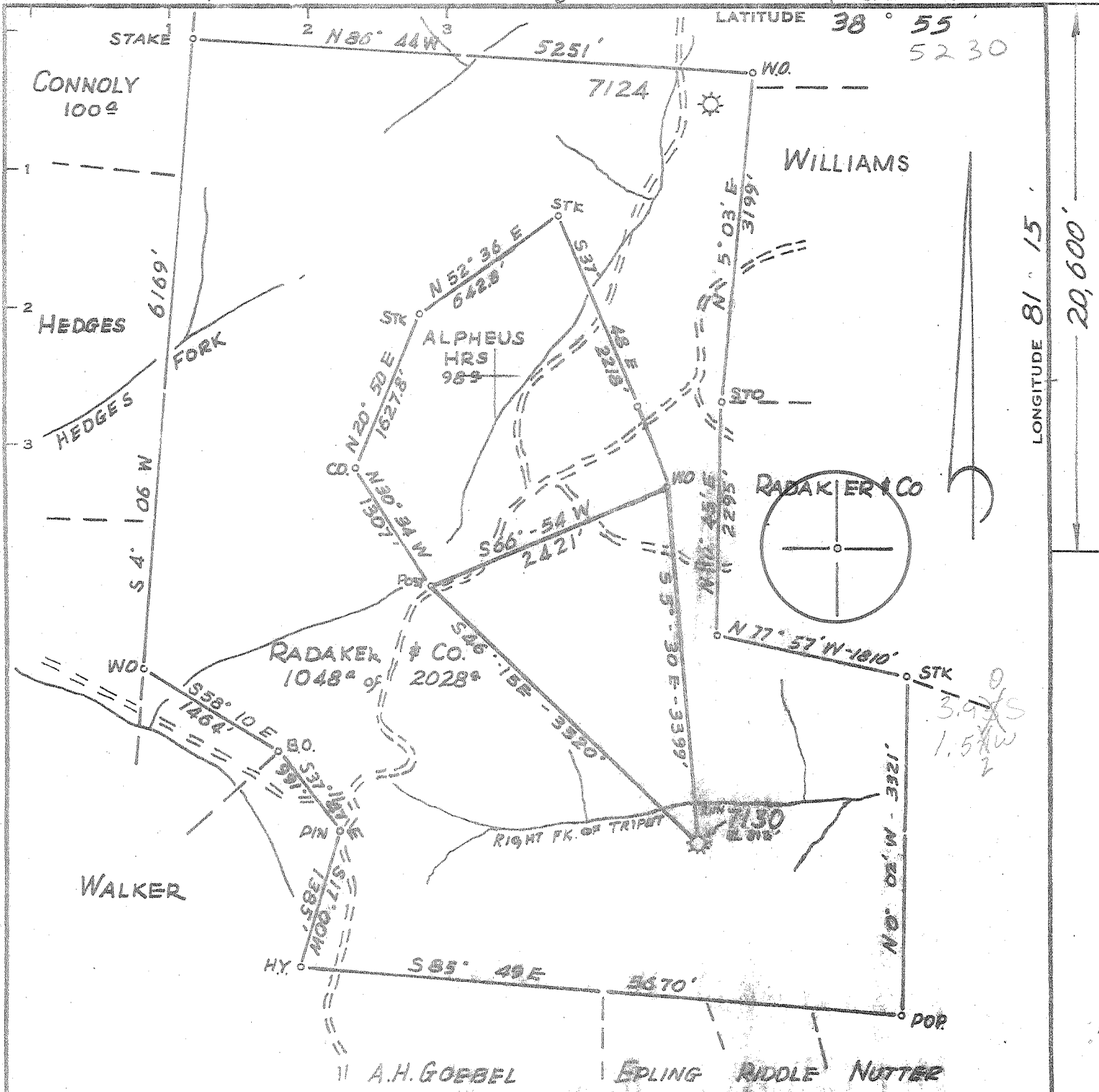
- ~~FRAC~~ ~~FRAC~~
- New Location
- Drill Deeper
- Abandonment

issued 8/22/72
 MAP SHEET 52-S S40 W38 FB 1618 PG 34-35

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm RADAKER & CO.
 Tract _____ Acres 2028 Lease No. 42779
 Well (Farm) No. _____ Serial No. 7130
 Elevation (Spirit Level) 813'
 Quadrangle SPENCER, W.VA. EG
 County ROANE District SPENCER
 Engineer Jackson M. Jarvin.
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-2-72 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. RO9-144-FRAC CONC.
 Now: ROA-1159 (A)
 + 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.
 SEP 8 1972



Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS FROM Rd. FR. 1.5 MI. NE. TRIPLETTE LEE FARM AND MULBERRY RIDGE ELEV. 914'
 "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."

- FRACTURE
- New Location
- Drill Deeper
- Abandonment

MAP SHEET 52-S S40 W38 FB 1618 PG 34-35

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.VA.
 Farm RADAKER & CO.
 Tract _____ Acres 2028 Lease No. 42719
 Well (Farm) No. _____ Serial No. 7130
 Elevation (Spirit Level) 813'
 Quadrangle SPENCER, W.VA. (EC)
 County ROANE District SPENCER
 Engineer JACKSON M. JARVIS
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-2-72 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. R09-144-FRAC.
 NOW: 1159A
 + 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.
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AUG 23 1972

DRILLER'S RECORD

Previously Requested, but NOT
AVAILABLE

DATE: _____

Frac record

cancelled

<u>087</u> COUNTY	<u>1159A</u> PERMIT
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 10 1972

Oil and Gas Division
OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 8-9-72

Surface Owner Charles Jarvis
Address Spencer, W. Va.
Mineral Owner Consolidated Gas Supply Corp.
Address Clarksburg, W. Va.
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Radaker & Co. Acres 2028
Location (waters) Right fork of Triplet Run
Well No. 7130 Elevation 813'
District Spencer County Roane
Quadrangle SPENCER

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 fracturing. This permit shall expire if operations have not commenced by 12-10-72.

Robert H. Todd
Deputy Director - Oil & Gas Division

Fred Burdette
INSPECTOR TO BE NOTIFIED
Sissonville, W. Va. PH: 984-9263

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 2-1-13 19 by C. W. Radaker made to John J. Carter (Carter Oil) and recorded on the 3rd day of May 1913, in Roane County, Book 63 Page 186

 NEW WELL DRILL DEEPER REDRILL XX FRACTURE OR STIMULATE
XX 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 owners 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) Al B. Payne Manager of Prod.
Well Operator
Consolidated Gas Supply Corporation
Street
415 West Main Street
City or Town
Clarksburg, W. Va.
State

Address
of
Well Operator

*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

Sumner

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XX FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME B. & S. Drilling Co. NAME R. E. Bayne
 ADDRESS Brohard, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2302' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 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			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	2200'	2200'	100 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS N. R. FEET _____ SALT WATER N. R. FEET _____
 APPROXIMATE COAL DEPTHS None _____
 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