

Partial plugging issued 4/17/73

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

CERTIFICATE
 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.
 Minimum degree of accuracy is one part in 200

Signed William D. Smalley L.L.S. No. 116

N.B. No. III Pg. 63

COMPANY CARL E. SMITH INC.
 ADDRESS Box 4 SANDYVILLE, W.VA. 25275
 FARM LEWIS Blaine KING
 MAP _____ ACRES 230 ± LEASE NO 468 & 469
 WELL (FARM) NO one SERIAL NO 80 85
 ELEVATION (SPIRIT LEVEL) 640.75
 QUADRANGLE RAVENSWOOD S.E.
 COUNTY JACKSON DISTRICT RIPLEY
 POINT OF PROVEN ELEVATION U.S.G.S. BM (See Above)

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO Jac-135.5-PP

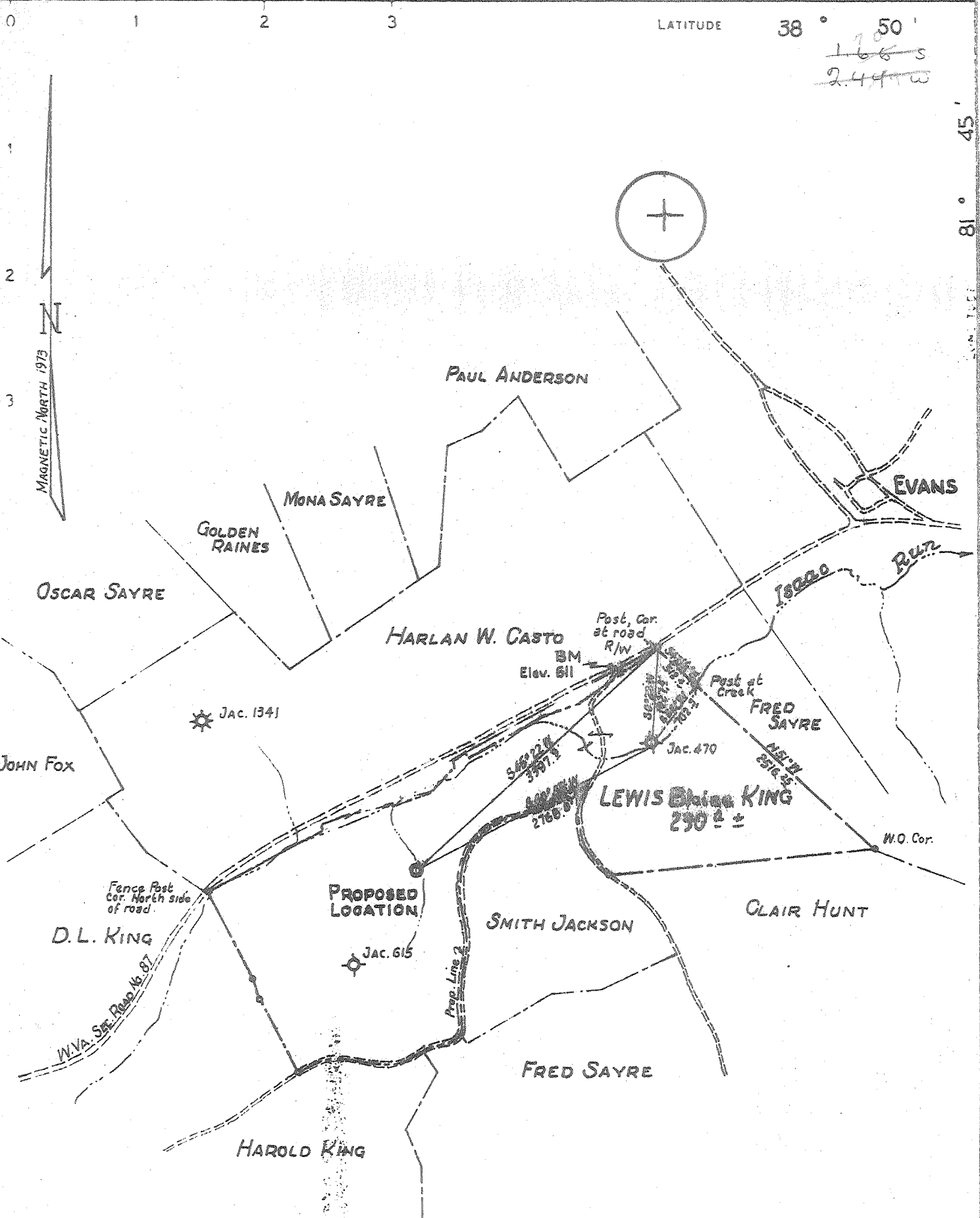
± DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN 47-035
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

FILE NO _____ DRAWING NO _____
 DATE FEBRUARY 21, 1973 SCALE 1" = 1320'

5-5 unnamed

APR 30 1973

47-035-125 Deep Well (Oriskany)



CERTIFICATE

I the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and show 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.

Minimum degree of accuracy is one part in 200

Signed: *William S. Smalley* L.L.S. No. 116

N.B. No. III Pg. 63

COMPANY	CARL E. SMITH INC.	
ADDRESS	Box 4 SANDYVILLE, W.VA. 25275	
FARM	LEWIS BLAINE KING	
MAP	ACRES	LEASE NO
	230 ±	468 & 469
WELL (FARM) NO.	SERIAL NO.	
one	50-85	
ELEVATION (SPIRIT LEVEL)	640.74	
QUADRANGLE	RAVENSWOOD S.E.	
COUNTY	JACKSON DISTRICT RIPLEY	
POINT OF PROVEN ELEVATION	U.S.G.S. BM (See Above)	
FILE NO.	DRAWING NO.	
FEBRUARY 21, 1973		1" = 1320'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. <i>Sec-1355</i>
+ 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 TRAILING.

2-0

unnamed

Deep Well (Newburg) MAR 19 1973



RECEIVED

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

- Rotary
- Spudder
- Cable Tools
- Storage
- Oil or Gas Well

show
Gas c. roll
(KIND)

WELL RECORD 4

Quadrangle *Ravenwood S.E.*

Permit No. *Jac: 1355 PP*

Company *Carl E. Smith, Inc.*
Address *P. O. Box 4, Sandyville, W. Va.*
Farm *Lewis Blaine King* Acres. *230.12*
Location (waters) *Isaacs Run*
Well No. *1* Elev. *640.74*
District *Ripley* County *Jackson*
The surface of tract is owned in fee by *Lewis Blaine King*
Address *Rt. 1, Box 17, Evans*
Mineral rights are owned by *Same* W. Va. *3/16*
Address _____
Drilling commenced *4-2-73*
Drilling completed *4-12-73*
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			<i>formation shoe</i>
13. <i>14</i>	<i>57</i>	<i>57</i>	Size of
10.			Depth set <i>4689</i>
<i>8 5/8</i>	<i>2339</i>	<i>2339</i>	
<i>5 1/2</i>	<i>4689</i>	<i>4689</i>	
<i>4 1/2</i>			
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow *Dry* /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

Attach copy of cementing record. *4-3-73*
CASING CEMENTED *8 5/8* SIZE No. Ft. *4-7-73* Date
5 1/2
Amount of cement used (bags) *4-13-73*
Name of Service Co. *Carl E. Smith, Inc. - Halliburton*
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water _____ Feet Salt Water _____ Feet

Producing Sand *Newburg - dry* Depth *5347'*

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gray Lime			0	202			
Red Rock			202	340			
Broken Lime			340	375			
Red Rock			375	403			
Gray Slate			403	415			
Red Rock			415	430			
White Slate			430	470			
Broken Lime			470	545			
Gray Slate			545	587			
Lime			587	705			
Red Rock			705	729			
Lime			729	742			
Blue Slate			742	750			
Red Rock			750	790			
Slate			790	798			
Lime			798	811			
Sand			811	844			
Dark Slate			844	850			
White Sand			850	896			
Sand			896	914			
Red Rock			914	931			
Gray Slate			931	946			
White Slate			946	986			
Red Rock			986	1018			
Slate			1018	1220			
Broken Sand			1220	1785			
Big Lime			1785	1914			
Slate			1914	2043			
Lime			2043	2098			

(over)

APR 30 1973

Formation	Color	Hard or Soft	Top $\frac{1}{4}$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shell			2098	2141			
Lime			2141	2191			
Slate & Shell			2191	2278			
Penez			2278	2288			
Slate & Shell			2288	3810			
Br. Shale - 441			3810	4056			
Slate & Shell			4056	4455			
Shale			4455	4480			
W. Lime - 463			4480	4566			
Oriskany			4566	4596	-gas show		plugged back to test
Lime - HELDERBERG & SALINA			4596	5268			onisk
Newburg			5268	5272	dry		
Lime - Mc Kenzie			5272	5347			

Date April 16, 1973

APPROVED CARL E. SMITH, INC. Owner

by [Signature]
(Title) Land Manager



RECEIVED

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL & GAS DIVISION DEPT. OF MINES

AUG 10 1973 Rotary [x] Spudder [] Cable Tools [] Storage []

Quadrangle Ravenswood S. E. Permit No. JAC 1355 PP

WELL RECORD 2

Oil or Gas Well Gas (KIND)

Company Carl E. Smith, Inc. Address P. O. Box 4, Sandyville, W. Va. Farm Lewis Blaine King Acres 230.12 Location (waters) Isaacs Run Well No. 1 Elev. 640.74 District Ripley County Jackson The surface of tract is owned in fee by Lewis Blaine King Address Rt. 1, Box 17, Evans, W. Va. Mineral rights are owned by Same W. Va. Address Drilling commenced 4-2-73 Drilling completed 4-12-73 Date Shot From To With Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume 1,000 MCF Cu. Ft. Rock Pressure 1600 lbs. 72 hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) WELL FRACTURED (DETAILS) 750 gals. acid, 500 reg., 250 M.C.A. acid

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Includes data for sizes 16, 13, 10, 8 5/8, 6, 5 1/2, 4 1/2, 3, 2 and packer information.

Attach copy of cementing record. 30 cu. ft. cement 4-3-73 CASING CEMENTED 8 5/8 SIZE 358 No. Ft. 4-7-73 Date 5 1/2 60 4-13-73 Amount of cement used (bags) Name of Service Co. Carl E. Smith, Inc. =Halliburton COAL WAS ENCOUNTERED AT FEET INCHES FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ROCK PRESSURE AFTER TREATMENT 1600 HOURS 72 Fresh Water Feet Salt Water Feet Producing Sand Oriskany Depth 4578' - 4592'

Table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists geological layers from Gray Lime to Lime with corresponding top and bottom depths.

(over)

AUG 27 1973

Color	Hard or Soft	Top z	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell		2098	2141			
		2141	2191			
Shell		2191	2278			
		2278	2288			
Shell		2288	3810			
e		3810	4056			
Shell		4056	4455			
		4455	4480			
	Onondaga	4480	4566			
	Oriskany	4566	4596			
		T.D.	5347	McKenzie		

Date 4-9, 1973

APPROVED CARL E. SMITH, INC., Owner

By [Signature] (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 12 1973

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 March 5, 1973

Surface Owner Lewis Blaine King
Address Rt. 1, Box 41, Evans, W. Va.
Mineral Owner Lewis Cane King Etal.
Address Rt. 1, Box 17, Evans, W. Va.
Coal Owner Same
Address Same
Coal Operator None
Address None

Company Carl E. Smith, Inc.
Address P. O. Box 4, Sandyville, W. Va.
Farm Lewis Blaine King Acres 280.12
Location (waters) Isaacs Run of Mill Cr.
Well No. # 1 (Serial 85) Elevation 640.74
District Ripley County Jackson
Quadrangle Ravenswood S.E.

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 7-12-73.

Robert L. Judd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Fred Burdette
Sissonville, WV. 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 September 26 19 72 by Lewis Blaine King made to Carl E. Smith, Inc. and recorded on the 28 day of Sept. 19 72, in Jackson County, Book 122 Page 529 & 527

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) By: Carl E. Smith, Inc.
Paul E. Smith
Well Operator Land Manager

Address P. O. Box 4
of _____ Street
Well Operator Sandyville
City or Town
West Virginia
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

Jac: 1355 PERMIT NUMBER

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

PROPOSED WORK ORDER TO: DRILL DELDEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Carl E. Smith, Inc. NAME Carl E. Smith
 ADDRESS P. O. Box 4, Sandyville, W. Va. ADDRESS Same
 TELEPHONE 273-4281 TELEPHONE "
 ESTIMATED DEPTH OF COMPLETED WELL: 5900' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 13 3/8	60'	60'	150 Bags
9 - 5/8			
8 - 5/8	2300'	2300'	450 Bags
7			
5 1/4	5900'	5900'	100 Bags
4 1/2			
3			Perf. Top
2			Perf. Bottom
Lines			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 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