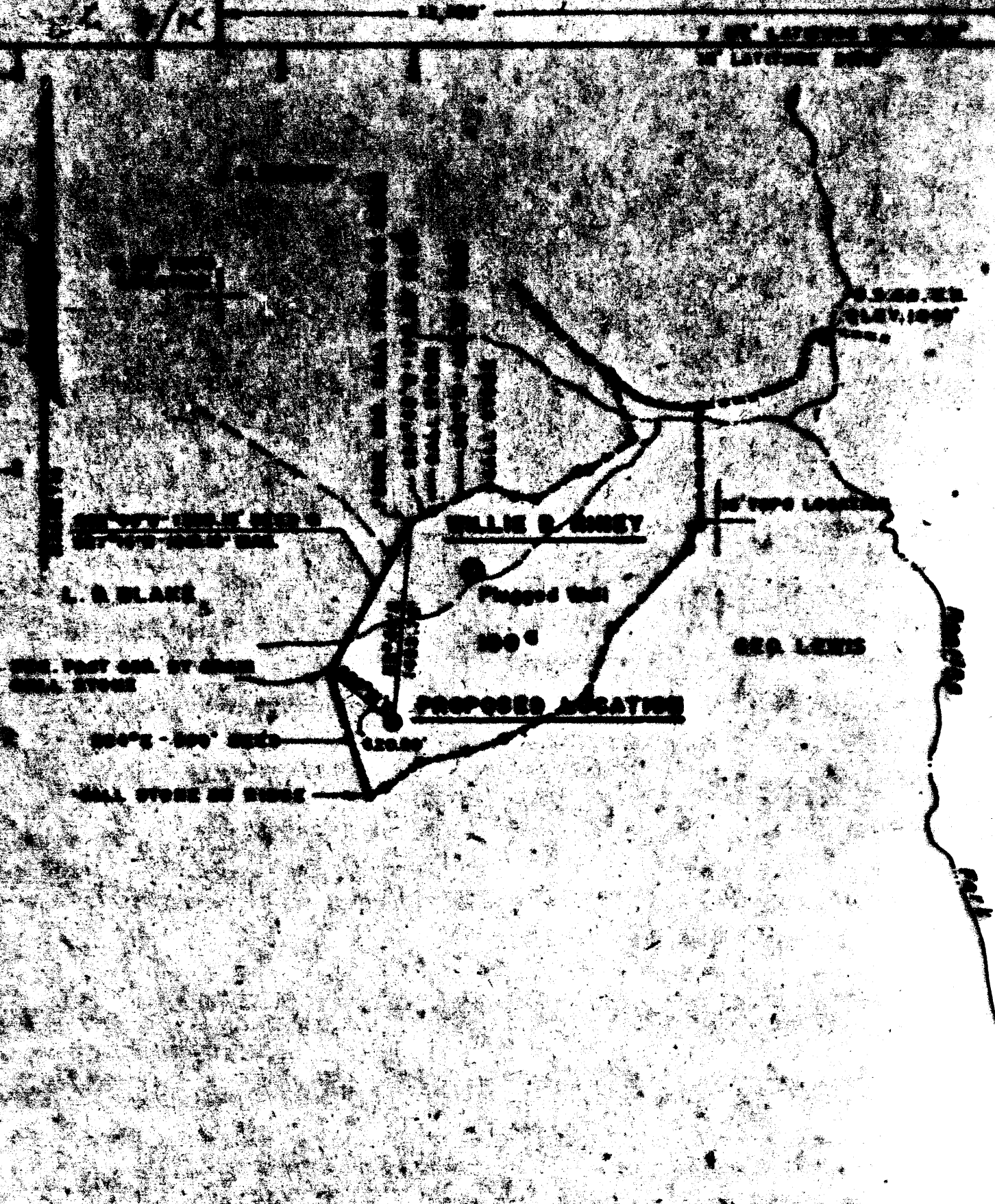


19 1/2' LONGITUDE SCALE
7 1/2' LONGITUDE 00°15'



GENERAL SURFACE MAP
WILLIE B. SNEY
Larson 1881

CERTIFICATE

This document, which shows the location of the well on the topographic map and shows all the information required by paragraph 2 of the laws and regulations of the State of California of the mining laws of that State.

W. L. Larsen, Jr.
W. L. LARSEN, JR.
ENGINEER

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO
WELL LOCATION MAP

FILE NO. 57-033-2582
Cancelled

NEW LOCATION
PROVISIONAL
WELL NUMBER
ADDITIONAL

COUNTY: SAN DIEGO

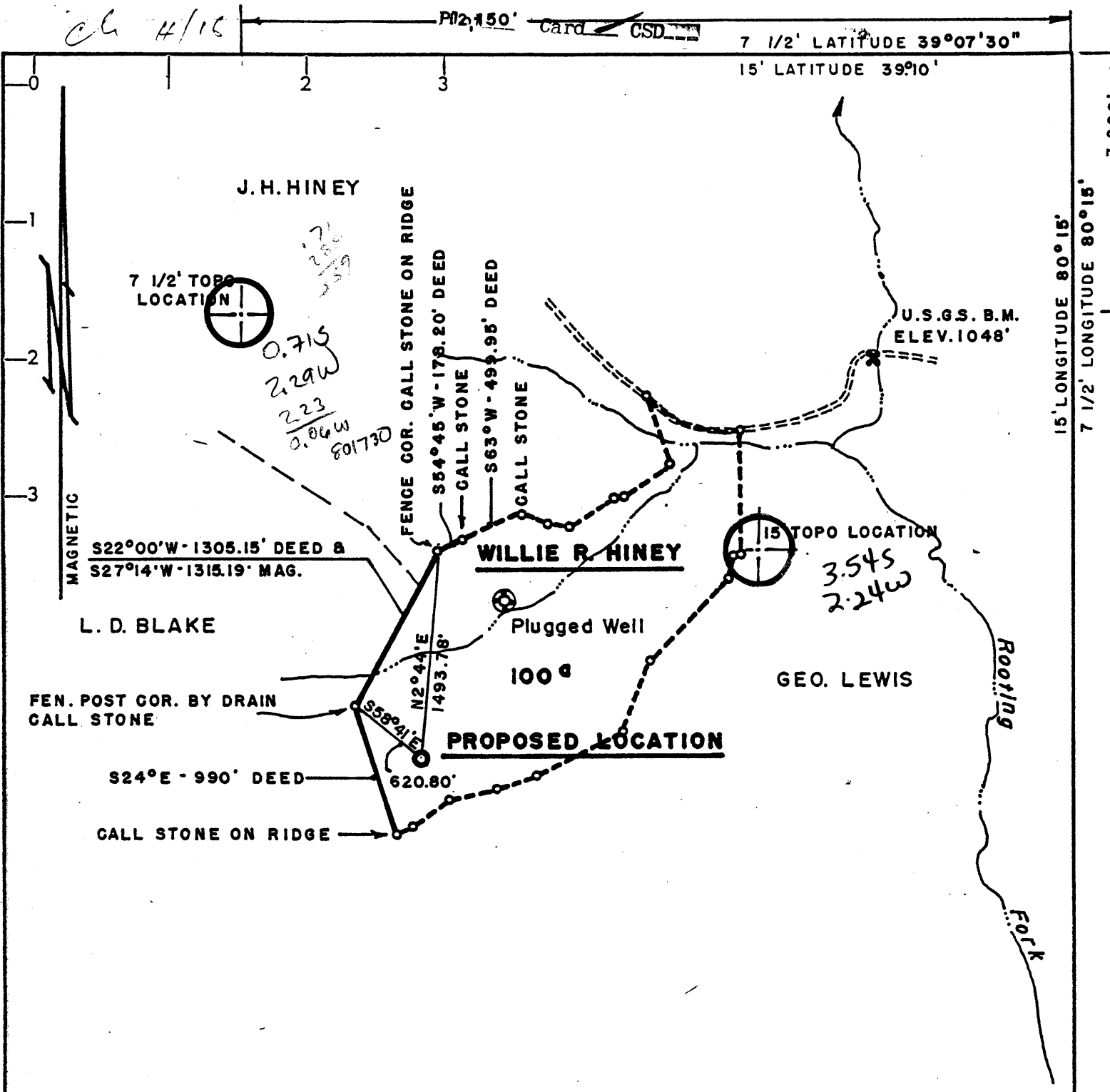
POINT OF FIRST ELEVATION: WILLIE B. SNEY ON MAP
ELEV. 1000'

FILE NO. _____ DRAWING NO. _____

DATE: MARCH 16, 1881 SCALE: 1" = 1000'

* 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.



MINERAL & SURFACE OWNER
WILLIE R. HINEY

Injura 1816

calc 15' loc
 3.545
 2.24w

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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

CERTIFICATE

Signed *Harry L. Berger, Jr.*
 HARRY L. BERGER, JR. L.L.S. 248

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

WELL LOCATION MAP

FILE NO. 47-033-2582

N.B. H-14 PG. 25

COMPANY: STERLING DRILLING & PRODUCTION CO., INC
 ADDRESS: 622 3RD AVE, SUITE 3800, N.Y. N.Y. 100 7
 FARM: WILLIE R. HINEY
 MAP: 43-D ACRES: 100 LEASE NO.: 145-001
 WELL (FARM) NO.: 2 SERIAL NO.: 474
 ELEVATION (SPIRIT LEVEL): 1361.85'
 QUADRANGLE: 15' WESTON S.E. & 7 1/2' BERLIN *EL*
 COUNTY: HARRISON DISTRICT: ELK
 POINT OF PROVEN ELEVATION: U.S.G.S. B.M. SHOWN ON PLAT
ELEV. 1048'
 FILE NO.: _____ DRAWING NO.: _____
 DATE: MARCH 16, 1981 SCALE: 1" = 1000'

+ 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

MAY 04 1981



RECEIVED
APR 15 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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

OIL AND GAS WELL PERMIT APPLICATION

HINEY #474

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

DATE March 17, 1981

Surface Owner Willie Hiney

Company Sterling Drilling and Production Co., Inc.

Address Rt. 2 Box 258 Lost Creek, W.V.

Address Suite 3800 622 3rd Ave. N.Y., N.Y. 10017

Mineral Owner Willie Hiney

Farm HINEY Acres 100

Address Same

Location (waters) Rooting Fork

Coal Owner Unknown - Unoperated

Well No. 474 Elevation 1361.85

Address _____

District Elk County Harrison

Coal Operator _____

Quadrangle Berlin 7.5

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions 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 12-20-81.

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St. Clarksburg, W.V. 26301

PHONE 622 - 3871

Paul Garrett
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 Feb. 13 1980 by Willie Hiney Sterling Drilling and Production Co., Inc. made to _____ and recorded on the 13th day of Feb. 1980 in Harrison County, Book 1089 Page 24 Lease # 145 - 001

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours,
(Sign Name) Charles E. Moore
Well Operator

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator
Rt. 1 Box 30 Street
Duck 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.

033-2582 PERMIT NUMBER

I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements.

Signed by Charles E. Moore

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME EWA Drilling Co., Inc. NAME Charlie E. Moore
 ADDRESS Box 448 Elkview, W.V. 25071 ADDRESS Rt. 1 Box 30 Duck, W.V.
 TELEPHONE 965 - 3379 TELEPHONE 364 - 5780
 ESTIMATED DEPTH OF COMPLETED WELL: 1816 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS X 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	250'	250'	To Surface
7			
5 1/2			
4 1/2		1816'	100 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 0
 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