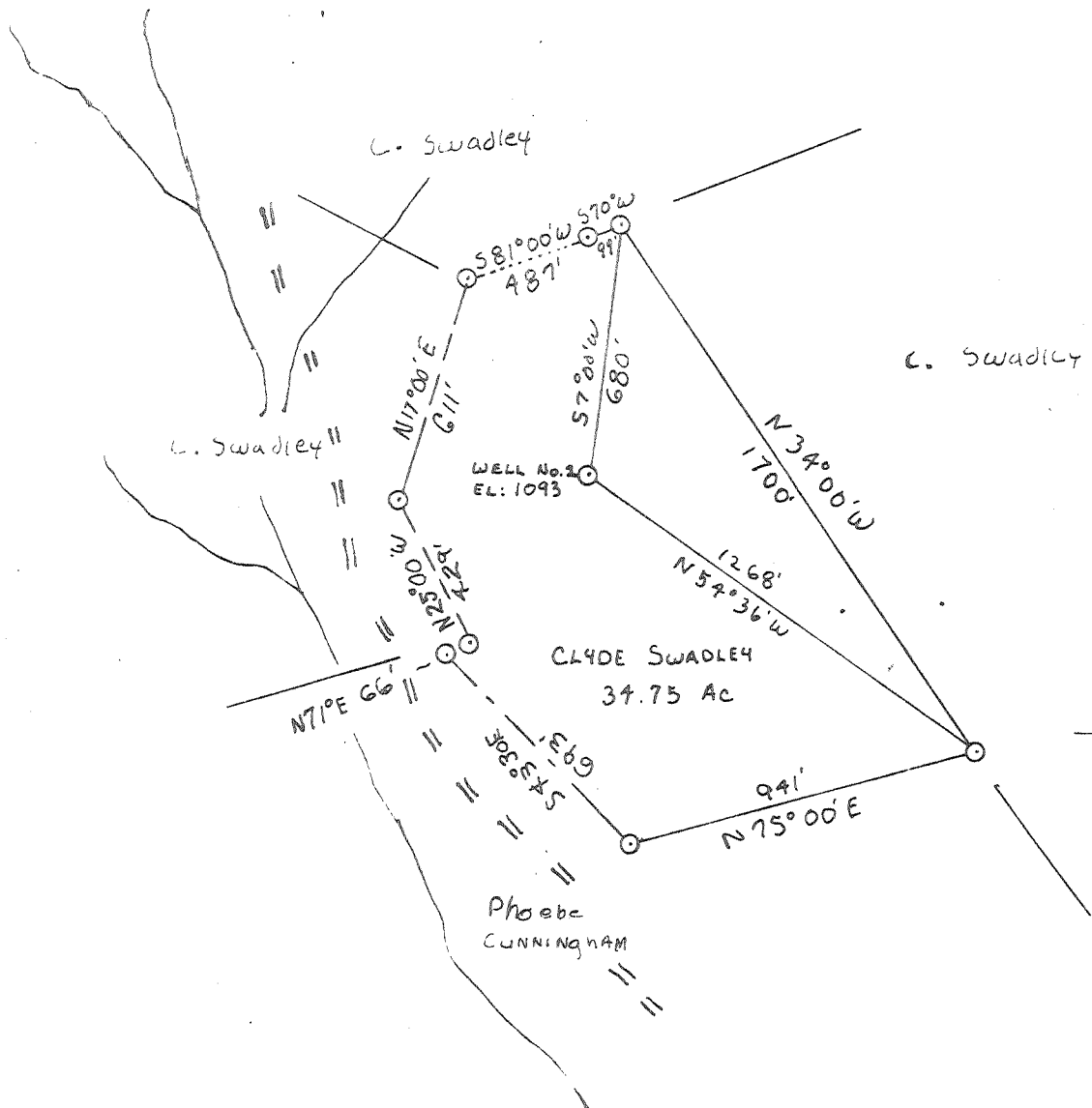


1.15W
1.235



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 J. B. Shuck, P.E., 4596

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS CO
 ADDRESS Box 350 SPENCER W. Va.
 FARM Clyde SWADLEY
 MAP _____ ACRES 34.75 LEASE NO. 594
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1093 feet
 QUADRANGLE HARRISVILLE
 COUNTY Ritchie DISTRICT MARPH4
 POINT OF PROVEN ELEVATION Mouth of Dog Run EL: 754'
 FILE NO. _____ DRAWING NO. _____
 DATE 6-26-76 SCALE 1" = 500'

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

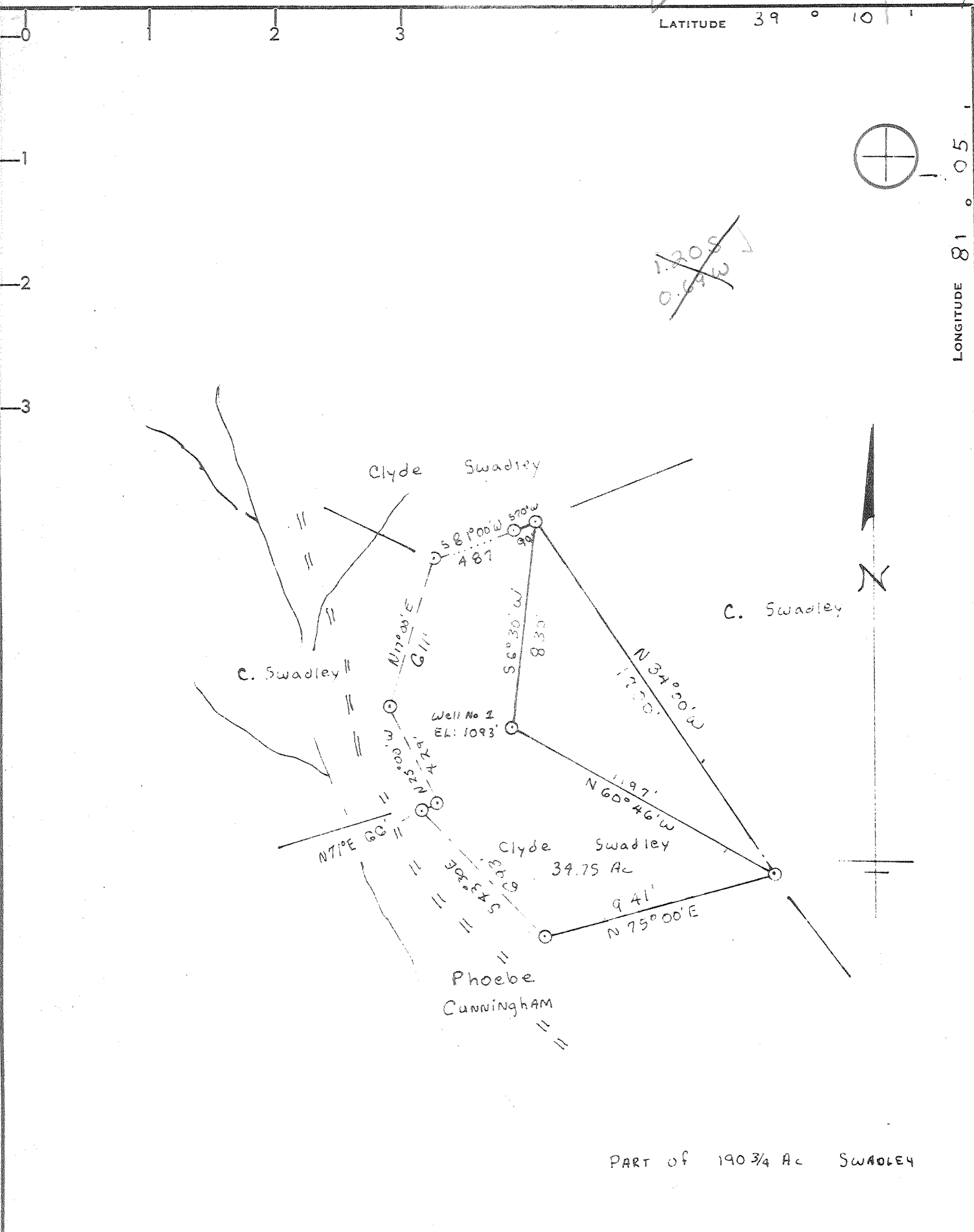
WELL LOCATION MAP

FILE NO. **RIT-3640-REV**
47-085

+ 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.

AUG 3 1976

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



PART OF 190 3/4 AC SWADLEY

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: *[Signature]*

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS Co
 ADDRESS Box 350 SPENCER W. Va.
 FARM Clyde W Swadley
 MAP _____ ACRES 39.75 LEASE NO. 594
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1093 feet
 QUADRANGLE HARRISVILLE C
 COUNTY Ritchie DISTRICT MURPHY
 POINT OF PROVEN ELEVATION Mouth of Dog Run EL: 754'
 FILE NO. _____ DRAWING NO. _____
 DATE 6-22-76 SCALE 1"=500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **RIT-3640**
47-085
 + 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 22

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

Quadrangle Harrisville

Permit No. Rit-3640

Company Stonestreet Lands Company
 Address Box 350 Spencer, W. Va.
 Farm Clyde W. Swadley Acres 37.75
 Location (waters) Indian Run
 Well No. 2 Elev. 1093'
 District Murphy County Ritchie
 The surface of tract is owned in fee by Clyde W. Swadley, et al
 Address Harrisville, W. Va.
 Mineral rights are owned by Clyde W. Swadley, et al Address Harrisville, W. Va.
 Drilling Commenced July 5, 1976
 Drilling Completed July 8, 1976
 Initial open flow 75,000 cu. ft. _____ bbls.
 Final production 810,000 cu. ft. per day _____ bbls.
 Well open 24 hrs. before test 710 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	182'	182'	cement to surface
7			
5 1/2			
4 1/2	2112'	2112'	100 sacks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
 1 stage - 500 bbl. water, 500 gal. 15% acid per zone. 30,000 lbs.
 20/40 sand.

810 MCF

Coal was encountered at _____ Feet _____ Inches
 Fresh water 115 Feet _____ Salt Water _____ Feet _____
 Producing Sand Big Injun Squaw Depth (2112' - 2162')

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Red Rock			10	25		
Sand			25	45		
Slate			45	60		
Sand			60	95		
Red Rock			95	165		
Slate			165	245		
Sand			245	300		
Red Rock			300	315		
Slate			315	340		
Sand			340	355		
Red Rock			355	385		
Slate			385	400		
Red Rock			400	440		
Lime Shell			440	480		
Sand			480	550		
Slate & Lime			550	600		
Slate Shells			600	635		
Red Rock			635	665		
Slate & Shells			665	700		
Sand			700	735		
Slate & Shells			735	775		
Sand			775	850		
Slate & Shells			850	945		

(over)

* Indicates Electric Log tops in the remarks section.

AUG 19 1976

Formation	Color	Hard or Soft	Top Feet ²²	Bottom Feet	Oil, Gas or Water	* Remarks
Lime			945	1100		
Sand			1100	1275		
Slate & Shells			1275	1450		
Sand			1450	1500		
Slate & Shells			1500	1565		
Sand			1565	1625		
Slate & Shells			1625	1680		
Lime			1680	1740		
Sand			1740	1775		
Red Rock			1775	1825		
Slate			1825	1888		
Little Lime			1888	1918		
Blue Monday			1918	1928		
Big Lime			1928	2050		
Big Injun			2050	2070		
Squaw			2070	2080		
Shale			2080	2147		

TD 2162

Date August 3 1976

APPROVED Larry V. Stewart Owner

By Katrina Naught
(Title)



RECEIVED

JUN 25 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 June 25, 1976

Surface Owner Clyde W. Swadley

Company Stonestreet Lands Company

Address Harrisville, West Virginia

Address Spencer, West Virginia

Mineral Owner Clyde W. Swadley, et al

Farm Swadley Acres 34.75

Address Harrisville, West Virginia

Location (waters) Indian Run

Coal Owner none

Well No. 3 Elevation 1093

Address _____

District Murphy County Ritchie

Coal Operator none

Quadrangle Harrisville

Address _____

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 10-25-76.

Paul Goodnight

INSPECTOR TO BE NOTIFIED

PH. 477-2455

Smithville, W.Va.

Robert Goodnight
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 June 14, 19 76 by Clyde W. Swadley made to Stonestreet Lands Co. and recorded on the 23 day of June 76 in Ritchie County, Book 121 Page 171
 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) _____

Well Operator

P. O. Box 350

Street

Spencer,

City or Town

West Virginia

State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

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

RIT-3640

PERMIT NUMBER

47-085

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 not known at this time _____ NAME Larry V. Stonestreet _____
 ADDRESS _____ ADDRESS Spencer, West Virginia _____
 TELEPHONE _____ TELEPHONE 927-2800 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2200' _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big 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	200	200	cement to surface
7			
5 1/2			
4 1/2	2200	2200	70 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 FEET _____ SALT WATER _____ 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