

CERTIFICATE

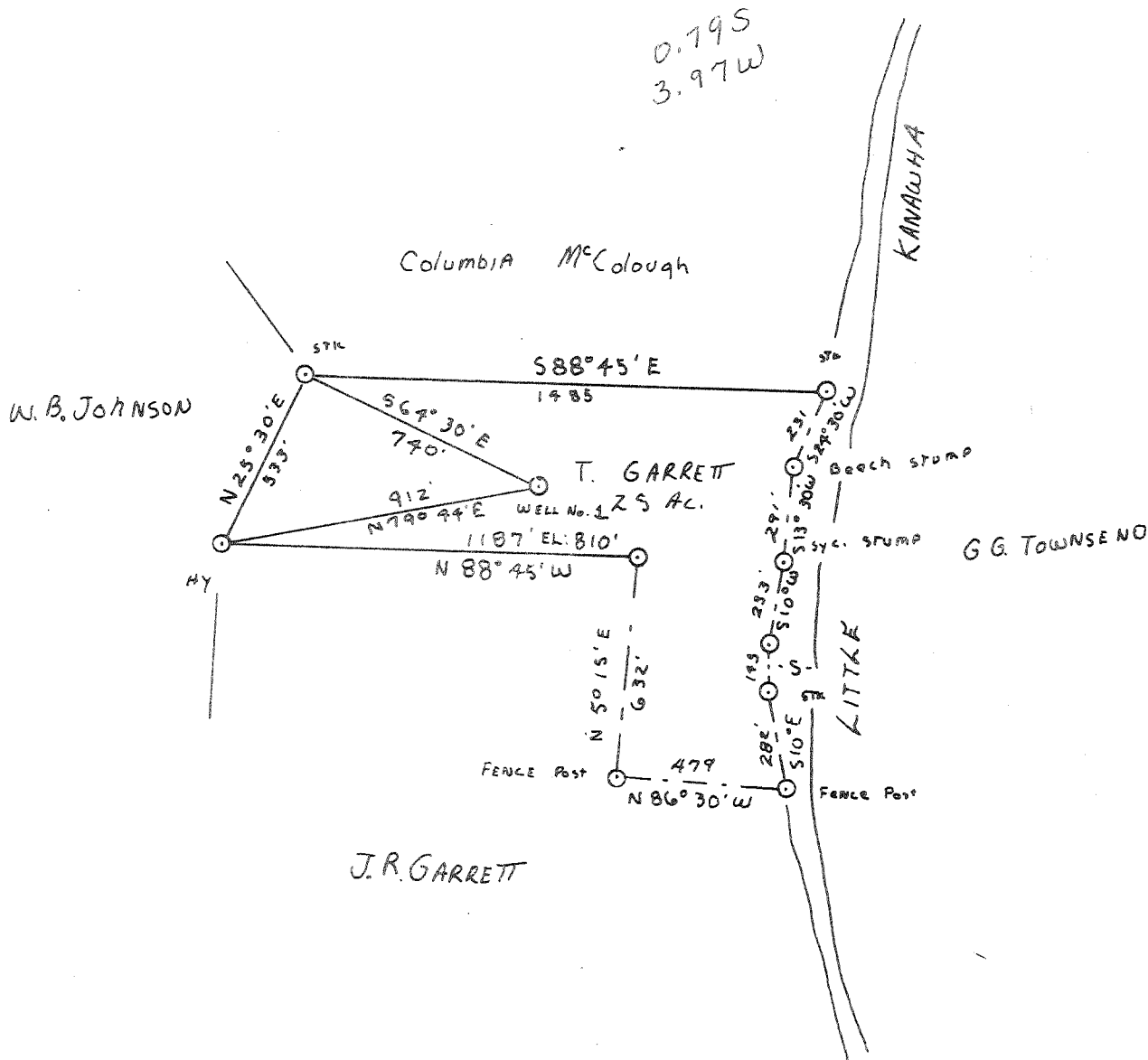
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

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 WVA
 FARM T. GARRETT, J. Massey
 MAP _____ ACRES 25 LEASE NO. 657
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 747'
 QUADRANGLE GILMER Burnsville WC
 COUNTY GILMER DISTRICT GIENVILLE
 POINT OF PROVEN ELEVATION LOW GAP SCHOOL EL: 800
 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. GIL-2678 - REV
47-021
 + 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.



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- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS Co.
 ADDRESS Box 350 SPENCER, W. VA.
 FARM T. GARRETT, J. Mosey
 MAP _____ ACRES 25 LEASE NO. 657
 WELL (FARM) NO. L SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 810'
 QUADRANGLE GILMER Burnsville WC
 COUNTY GILMER DISTRICT GLENVILLE
 POINT OF PROVEN ELEVATION LOW GAP SCHOOL EL. 800'
 FILE NO. _____ DRAWING NO. _____
 DATE 6-6-11-76 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. GIL-2678
 + 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. **47-021**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

17506-6 North Glenville (182)

JUN 30 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Burnsville
Permit No. Gil-2678

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

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm J. Masey Acres 25
Location (waters) Kanawha River
Well No. 1 Elev. 747'
District Glenville County Gilmer
The surface of tract is owned in fee by J. Masey
Address Sand Fork, W. Va.
Mineral rights are owned by Tressie Garrett
Address Glenville, W. Va.
Drilling Commenced June 27, 1976
Drilling Completed July 1, 1976
Initial open flow 60,000 cu. ft. _____ bbls.
Final production 800,000 cu. ft. per day _____ bbls.
Well open 24 hrs. before test 670 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	198'	198'	cement to surface
7			
5 1/2			
4 1/2	2091'	2091'	100 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

2 stage -10 00 bbl. water, 1500 gal. 15% acid per zone. 60,000 lbs.
20/40 sand.

300 MCF

Coal was encountered at _____ Feet _____ Inches
Fresh water 110 Feet _____ Salt Water BI Feet _____
Producing Sand Big Injun Blue Monday Depth 2091' - 2093'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Red Rock			10	30		
Sand			30	45		
Slate			45	70		
Sand			70	95		
Red Rock			95	140		
Slate			140	245		
Sand			245	280		
Red Rock			280	305		
Slate			305	330		
Sand			330	365		
Red Rock			365	410		
Lime Shale			410	450		
Sand			450	535		
Slate & Lime			535	595		
Slate & Shells			595	620		
Red Rock			620	660		
Slate & Shells			660	700		
Sand			700	785		
Slate & Shells			785	885		
Sand			885	940		
Slate & Shells			940	1070		
Lime			1070	1265		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1265	1380		
Slate & Shells			1380	1460		
Sand			1460	1510		
Slate & Shells			1510	1545		
Sand			1545	1630		
Slate & Shells			1630	1690		
Lime			1690	1770		
Red Rock			1770	1860		
Slate			1860	1931		
Little Lime			1931	1958		
Blue Monday			1958	1963		
Big Lime			1963	2018		
Big Injun			2018	2068		
Squaw			2068	2088		
Shale			2088	2104		

Date August 3, 1976

APPROVED Larry J. Storvick Owner

By Kathrina Skoug
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 15 1976

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 15, 1976

Surface Owner J. Hassy
Address Sand Fork, W. Va.
Mineral Owner Tressie Garrett
Address Glenville, W. Va.
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm J. Hassy Acres 25
Location (waters) Kanawha River
Well No. one Elevation 810'
District Glenville County Gilmer
Quadrangle Gilmer Burnsville

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 10-15-76.

Robert Goodnight
Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR TO BE NOTIFIED Paul Goodnight
Smithville, W. Va.
PH: 477-2455 ADDRESS _____

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 May 13, 19 76 by Tressie Garrett made to Stonestreet Lands Company and recorded on the 10th day of June 19 76, in Gilmer County, Book 282 Page 134

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

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

Box 350 Street
Spencer, 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

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

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) **Clint Hart** RESPONSIBLE AGENT: **Larry V. Stonestreet**
 NAME **Clint Hart** NAME **Larry V. Stonestreet**
 ADDRESS **Elkview, W. Va.** ADDRESS **Box 350 Spencer, W. Va.**
 TELEPHONE _____ TELEPHONE **927-2800**
 ESTIMATED DEPTH OF COMPLETED WELL: **2250'** ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: **34s Injun**
 TYPE OF WELL: OIL _____ GAS 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	220'	220'	cement to surface
7			
5 1/2	2200'	2200'	70 sacks
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS **70** 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