

Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company _____

Farm _____

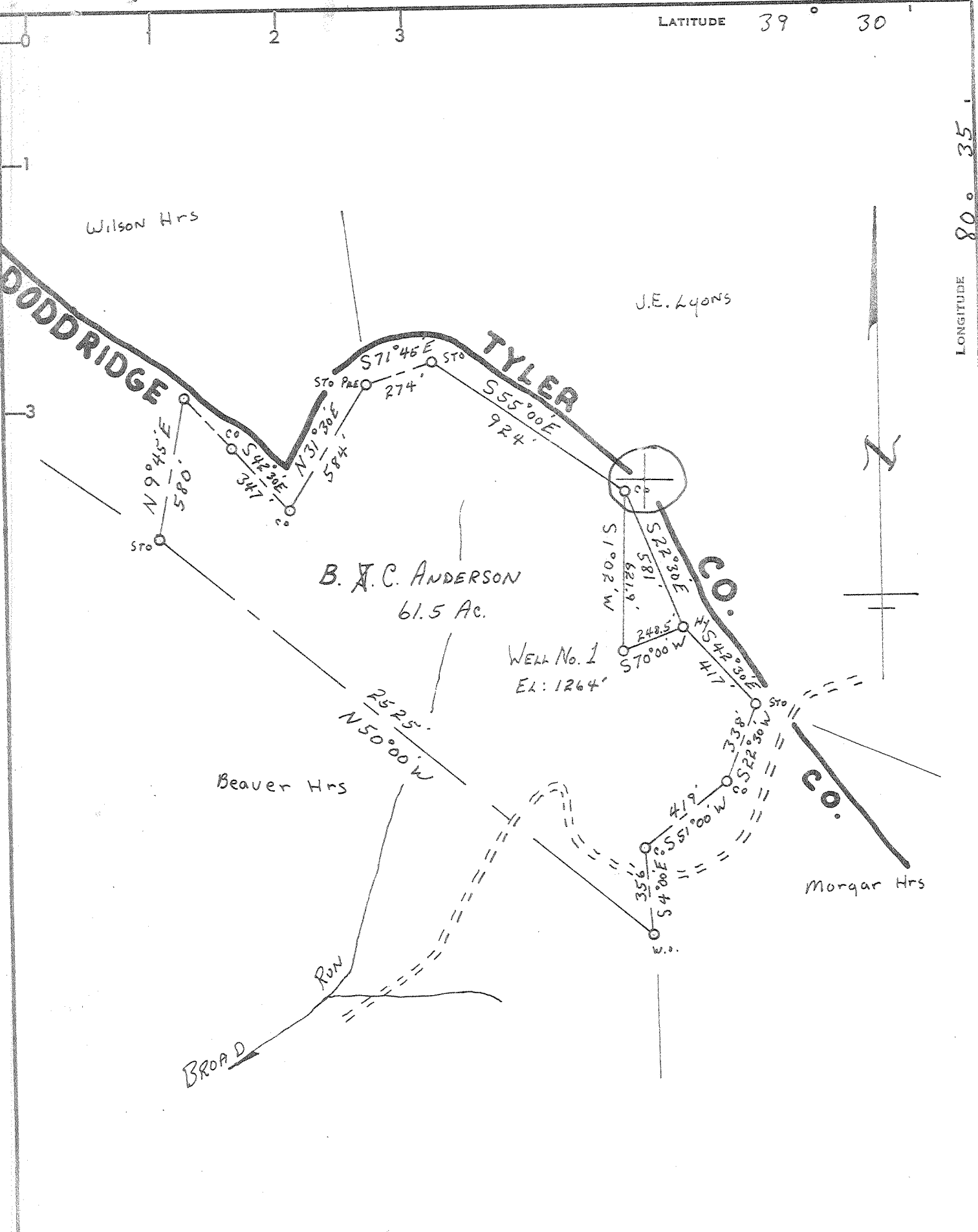
15' Quad _____
(sec.)

7.5' Quad Center Point

District McClellan

WELL LOCATION PLAT

County 017 Permit 1844



CERTIFICATE

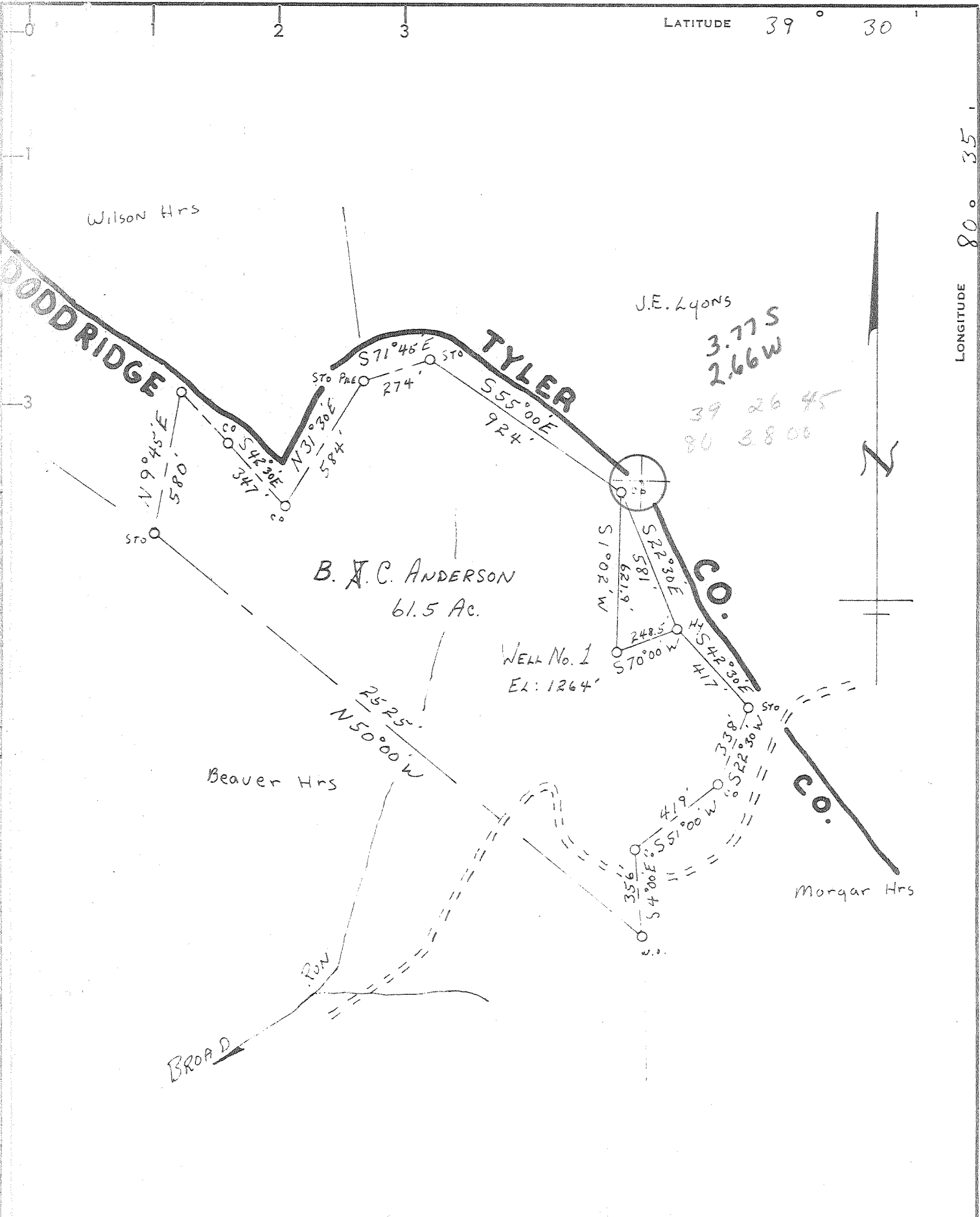
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200
 Signed J. Z. Shuck, P.E. 4596

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT 9/21/77

COMPANY STONE STREET LANDS Co.
 ADDRESS Box 350, Spencer WV.
 FARM B.J.C. ANDERSON
 MAP _____ ACRES 61.5 LEASE NO. _____
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1264'
 QUADRANGLE CENTER POINT NC
 COUNTY DODDRIDGE DISTRICT McCLELLAN
 POINT OF PROVEN ELEVATION DALE EL: 100'
 FILE NO. _____ DRAWING NO. _____
 DATE 10-25-76 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. DOD-1844-P
 + 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. **47-017**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



CERTIFICATE

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 OIL AND GAS DIVISION
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 NOV 18 1976
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RECEIVED

OCT 12 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Centerpoint

Permit No. Dodd-1844

Company Stonestreet Lands Company
Address Box 350 Spencer, W.Va.
Farm B. C. Anderson Acres 61.5
Location (waters) Broad Run
Well No. 7 Elev. 1264'
District McClellan County Doddridge
The surface of tract is owned in fee by B.C. Anderson
Address West Union, W.Va.
Mineral rights are owned by Bertha Piersol, et al Address Warren, Ohio
Drilling Commenced 4-27-77
Drilling Completed 5-5-77
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ 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	301'	301'	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

DRY HOLE - - WELL BEING PLUGGED

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	80		
Red Rock			80	147		
Slate			147	290		
Sand			290	401		
Shale			401	615		
Red Rock			615	745		
Sand			745	925		
Slate			925	1124		
Red Rock			1124	1370		
Sand			1370	1575		
Lime			1575	1700		
Shale			1700	1865		
Sand			1865	2226		
Little Lime			- 2226	2256		
Blue Monday			2256	2270		
Pencil Cave			2270	2298		
Big Lime			- 2298	2368		
Keener			2368	2404		
Big Injun			2404	2502		
Shale			2502	2512		
Squaw			2512	2523		
Shale			2523	2567		

*2298
1267

1034*

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED

NOV 4 1976

OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner B. C. Anderson
Address West Union, W. Va.
Mineral Owner Bertha Piersol, et al
Address Waxton, Ohio
Coal Owner None
Address _____
Coal Operator None
Address _____

DATE November 2, 1976
Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm B. C. Anderson Acres 61 1/2
Location (waters) Broad Run
Well No. one (1) Elevation 1264'
District McClellan County Doddridge
Quadrangle Center Point

THIS PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22,
the W. Va. Code, the location is hereby approved
drilling. This permit shall expire if
operations have not commenced by 3-4-77

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS 321 Beech St. Clarksburg, W. Va. 26301
PHONE 622-3871

Robert L. [Signature]
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 13, 1976 by Bertha Piersol
Piersol made to Clarence W. Mischelkneus and recorded on the 28th day of October
76 in Doddridge County, Book 102 Page 91

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:

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

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature]
Well Operator
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.

DOD-1844 PERMIT NUMBER

47-017

"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 [Signature]

CLARKE BOARD

**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) RESPONSIBLE AGENT:
 NAME not known at this time NAME Larry V. Stonestreet
 ADDRESS _____ ADDRESS Box 350 Spencer, W. Va.
 TELEPHONE _____ TELEPHONE 927-2800
 ESTIMATED DEPTH OF COMPLETED WELL: 2300' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big 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	610	610	cement to surface
7			
5 1/2	2300'	2300'	80 sacks
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 380'
 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