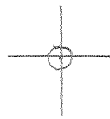


LATITUDE 39° 35' 00"

LONGITUDE 80° 20' 00"



7.5 OGIS topo location

7.5' 10C 2.58 S 15' 10C \_\_\_\_\_  
                  0.94 W (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad GLOVER GAP 7 1/2'

County MARION

District WANNINGTON

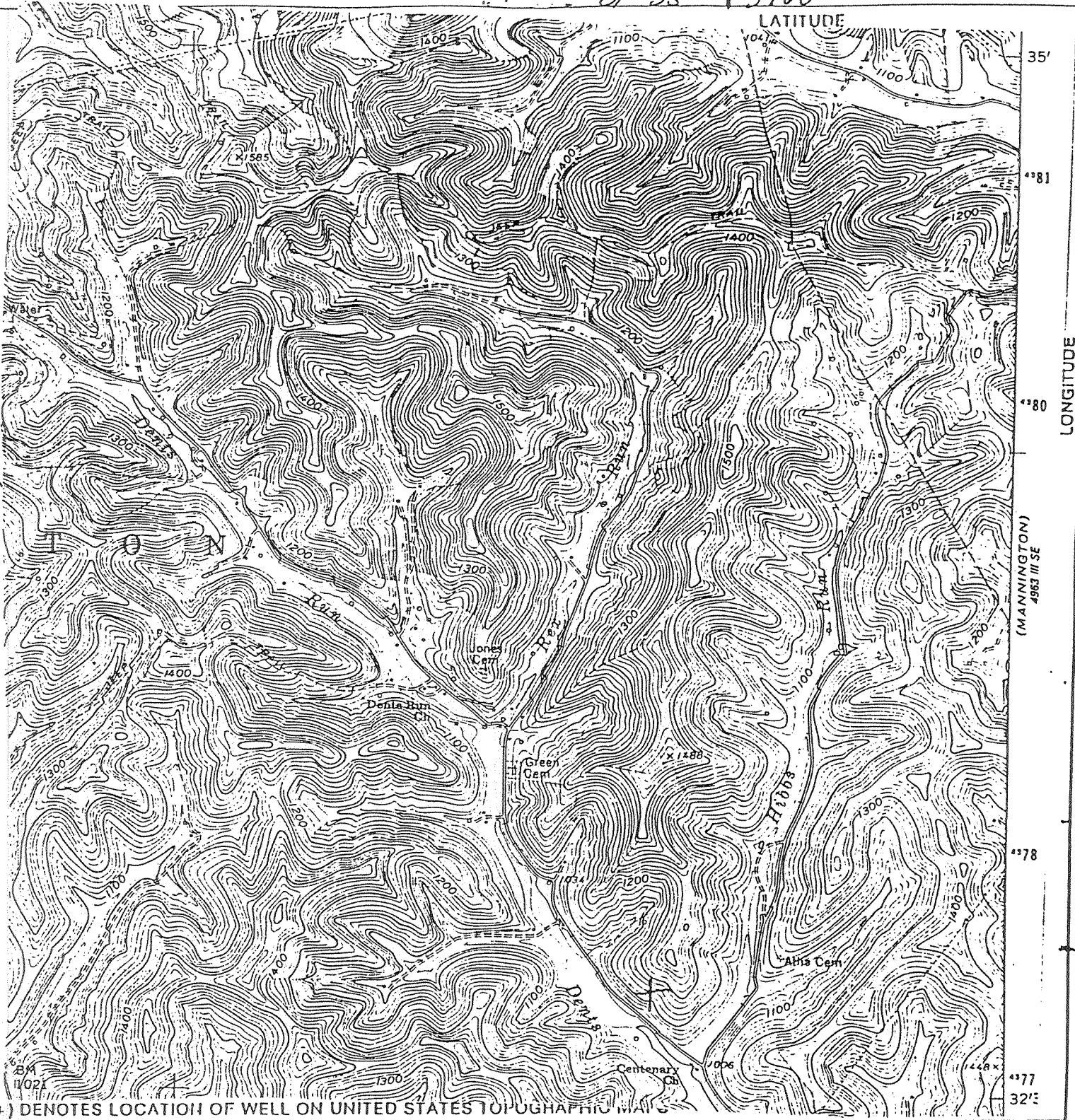
Elev 1130± TOPO

WELL LOCATION MAP

File No. 049 0896

*Wannington*

39° 35' 15.100



LONGITUDE 13 200

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE \_\_\_\_\_  
MINIMUM DEGREE OF ACCURACY \_\_\_\_\_  
KNOWN SOURCE OF ELEVATION \_\_\_\_\_

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.  
(SIGNED) E. Stead  
R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS



DATE February 17 19 88  
OPERATOR'S WELL NO. #1  
API WELL NO. 47-049-0896  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION \_\_\_\_\_ WATERSHED Dents Run  
DISTRICT Mannington COUNTY Marion  
QUADRANGLE Glover Gap

LAND SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
& GAS ROYALTY OWNER V. D. Satterfield LEASE ACREAGE 42  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ RE-DRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

OPERATOR Big Nine Oil & Gas Co. DESIGNATED AGENT Thomas J. Fluharty  
ADDRESS P. O. Box 226 ADDRESS P. O. Box 226

COUNTY NAME PERMIT

LATITUDE 39 35

LONGITUDE 80 22 30



2,550  
-86w

7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
(calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm WARD SATERFIELD 1

Quad GLOVER GAP

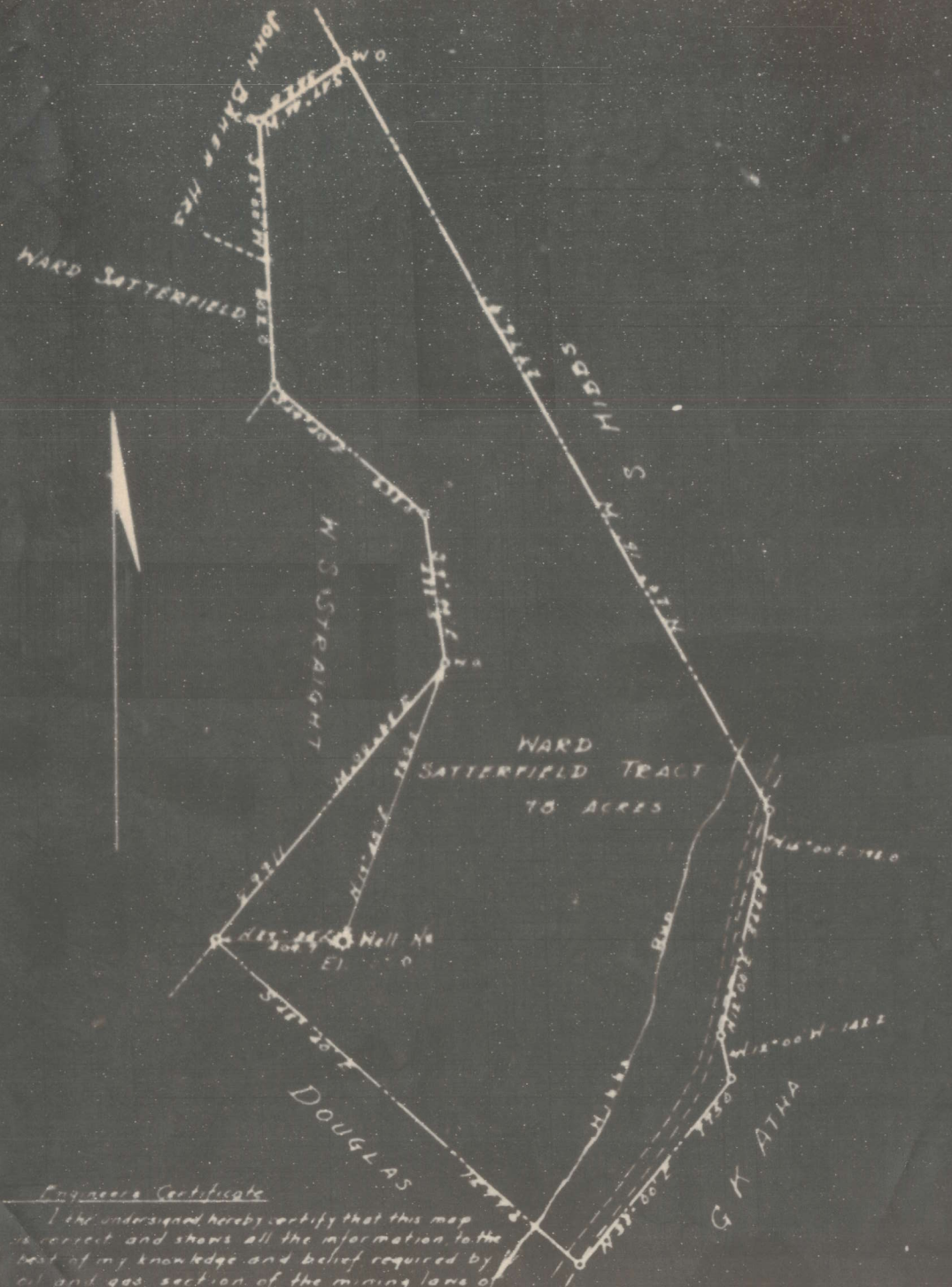
County MARION

District MANNINGTON

WELL LOCATION MAP

File No. 30089

Consisting of 78 Acres, Located in Mannington District, Marion County



Engineer's Certificate

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



180 N. 6th Street, Clarksburg, W.Va. Address

Well No. 1 Ward Satterfield, 78 acres

COMPLETION DATA SHEET  
NO. 2  
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Pittsburgh Coal				956	960	4'		460' - 10'
Big Dunkard Sand				1480	1539	59'		480' - 8 1/2'
Salt Sand				1795	1915	120'		
Big Lime				2819	2896	77'		2220' - 6 1/2'
Big Injun				2296	2430	134'		
Fifty-foot				2900	2950	50'		2200' - 5 1/2'
Thirty foot				2895	3020	125'		
Gordon Gray				3120	3146	26'		
Gordon Sand				3152	3169	17'		
Oil & Gas			3145					
Total Depth							3169	220' - 5 feet at bottom

416754

Shot  
Well was not shot at \_\_\_\_\_ Shot; well was shot at \_\_\_\_\_ Shot.  
Fresh water at \_\_\_\_\_ Shot; Fresh water at \_\_\_\_\_ Shot.  
Well was \_\_\_\_\_ Shot.  
Small Oil Well

April 2, 1924  
Date

Approved \_\_\_\_\_  
Signature



WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_ Well No. 1

F. G. Bish Company, of Clarksburg, West Virginia

\_\_\_\_\_ on the Ward Satterfield Farm

containing 78 acres. Location Mannington District

\_\_\_\_\_ District, in Marion County, West Virginia

The surface of the above tract owned in fee by Ward Satterfield

of Mannington, West Virginia address, and the mineral rights are owned by

Little Kanawha Trustee of Pittsburgh, Pennsylvania

Union Trust Co. Trustee

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. \_\_\_\_\_ issued by the West Virginia Department of Mines, Oil and Gas Division

Elevation of surface at top of \_\_\_\_\_ 1302 \_\_\_\_\_ 100

The number of feet of the different \_\_\_\_\_ and casings used in the well.

<u>300</u>	feet	<u>10"</u>	size.	Wood conductor.
<u>1480</u>	feet	<u>3"</u>	size, cas.	<u>2226</u> feet <u>6 5/8"</u> stand cas.
<u>2900</u>	feet	<u>3/16"</u>	size, cas.	feet stand cas.
_____	feet	_____	size, cas.	feet stand cas.
_____	_____	_____	size, set at	_____
_____	_____	_____	size, set at	_____
_____	_____	_____	_____	feet to _____ feet.
_____	_____	_____	_____	feet to _____ feet.

Coal was encountered at 90 feet; thickness 48 inches, and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

Liners were used as follows: (See details) 220 ft. set on bottom. 4" liner

April 2, 1924 Date

Approved \_\_\_\_\_ F. G. Bish Owner

4/5/24