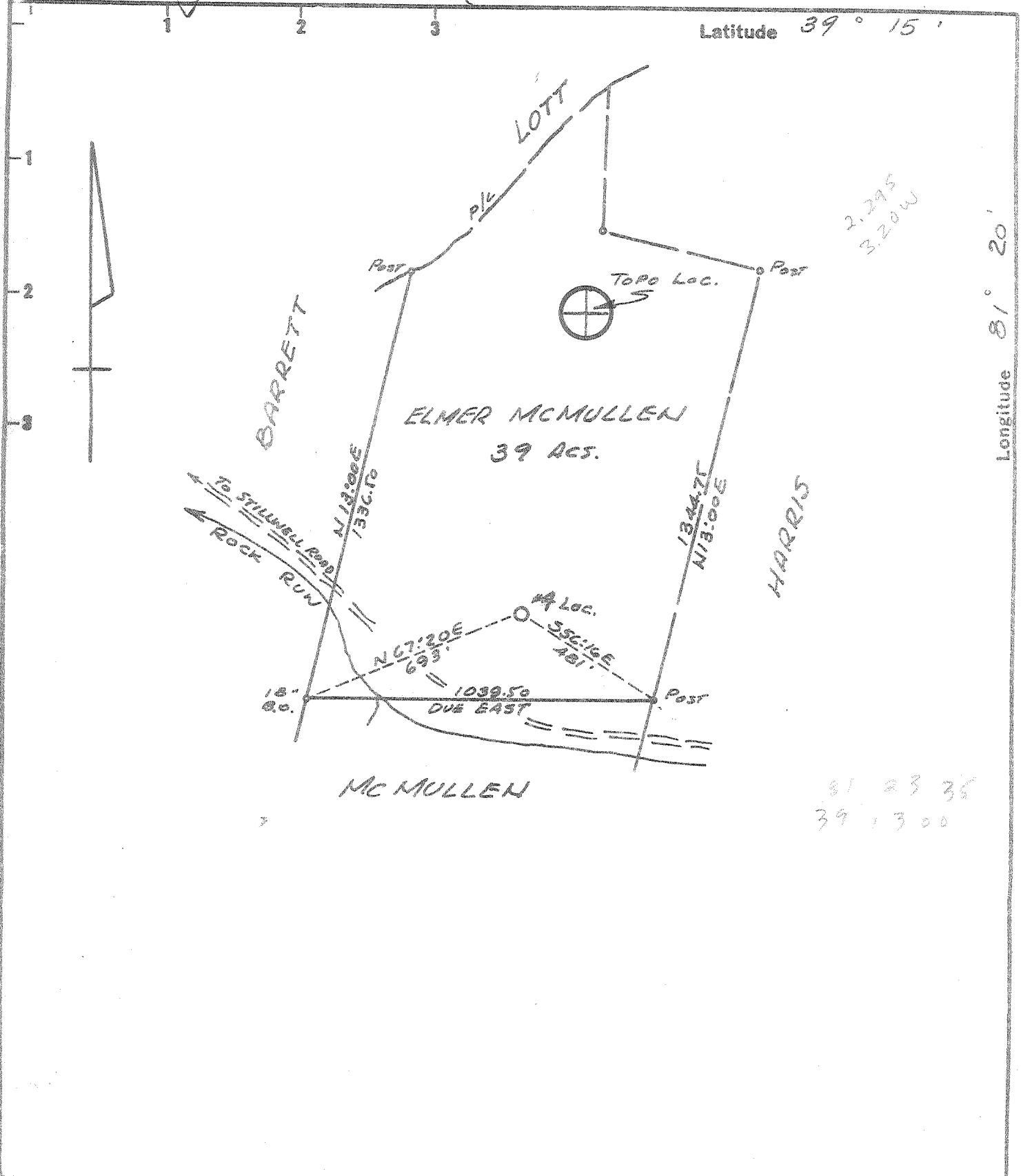


Latitude 39° 15'

Longitude 81° 20'



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 IN 200  
 Source of Elevation U.S.G.S. Elev 1017' TOP KNOB WEST OF LOC.

"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."

Company BURDETTE OIL & GAS  
 Address 7 1/2 SPRING ST. CHARLESTON, W.Va.  
 Farm ELMER McMULLEN  
 Tract \_\_\_\_\_ Acres 39 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 858'  
 Quadrangle ELIZABETH NC  
 County WOOD District WALKER  
 Engineer N.L. Lepton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-28-74 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. W00-678

+ 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.

47-107



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS PERMIT  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Elizabeth  
Permit No. Wood-678

Rotary XX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal Oil & Gas  
(Kind)

Company <u>Burdette Oil &amp; Gas Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>7 1/2 Spring St., Charleston, W. Va.</u>	Size			
Farm <u>Elmer E. McMullen</u> Acres <u>39</u>	20-16			
Location (waters) <u>Still Well Creek</u>	Cond.			
Well No. <u>#4</u> Elev. _____	13-10"			
District <u>Walker</u> County <u>Wood</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	<u>178'</u>		
<u>Elmer E. McMullen</u>	7			
Address <u>Elizabeth, W. Va.</u>	5 1/2			
Mineral rights are owned by <u>Same</u>	4 1/2	<u>2365'</u>		
Address _____	3			
Drilling Commenced <u>10-2-75</u>	2			
Drilling Completed <u>10-4-75</u>	Liners Used			
Initial open flow <u>1773 M cu. ft</u> <u>57</u> bbls.				
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

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
Red Clay			Surface	9'		
Sand & Shale & R.R.			9'	190'		
Sand & Shale & R.R.			190'	390'		
Sand & Shale & R.R.			390'	890'		
Sand & Shale & R.R.			890'	1440'		
Sand & Shale			1440'	1920'		
Shale			1920'	2298'		
<u>Sand</u>			2298'	2308'		
Shale			2308'	2365'		
T.D.			2365'			

Berea shows sign of gas & Oil

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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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 October 1, 1974

Surface Owner Elmer E. McMullen

Company Burdette Oil & Gas Co., Inc.

Address Elizabeth, W.Va.

Address 7 1/2 Spring St., Charleston, W.Va.

Mineral Owner Same

Farm Elmer E. McMullen Acres 39

Address \_\_\_\_\_

Location (waters) Still Well Creek

Coal Owner \_\_\_\_\_

Well No. 44 Elevation 858'

Address \_\_\_\_\_

District Walker County Wood

Coal Operator \_\_\_\_\_

Quadrangle Elizabeth

Address \_\_\_\_\_

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

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 2-2-75

Robert H. Ford  
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 September 2, 1974 by Elmer E. & Louise McMullen made to Burdette Oil & Gas Co., Inc. and recorded on the 12th day of September 19 74 in Wood County, Book 642 Page 34

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) L. C. Burdett  
Well Operator  
7 1/2 Spring St.,

Address \_\_\_\_\_

Charleston,

City or Town  
West Virginia

State \_\_\_\_\_

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  
AC 304-296-4461

\*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

Woo-678 PERMIT NUMBER  
47-107