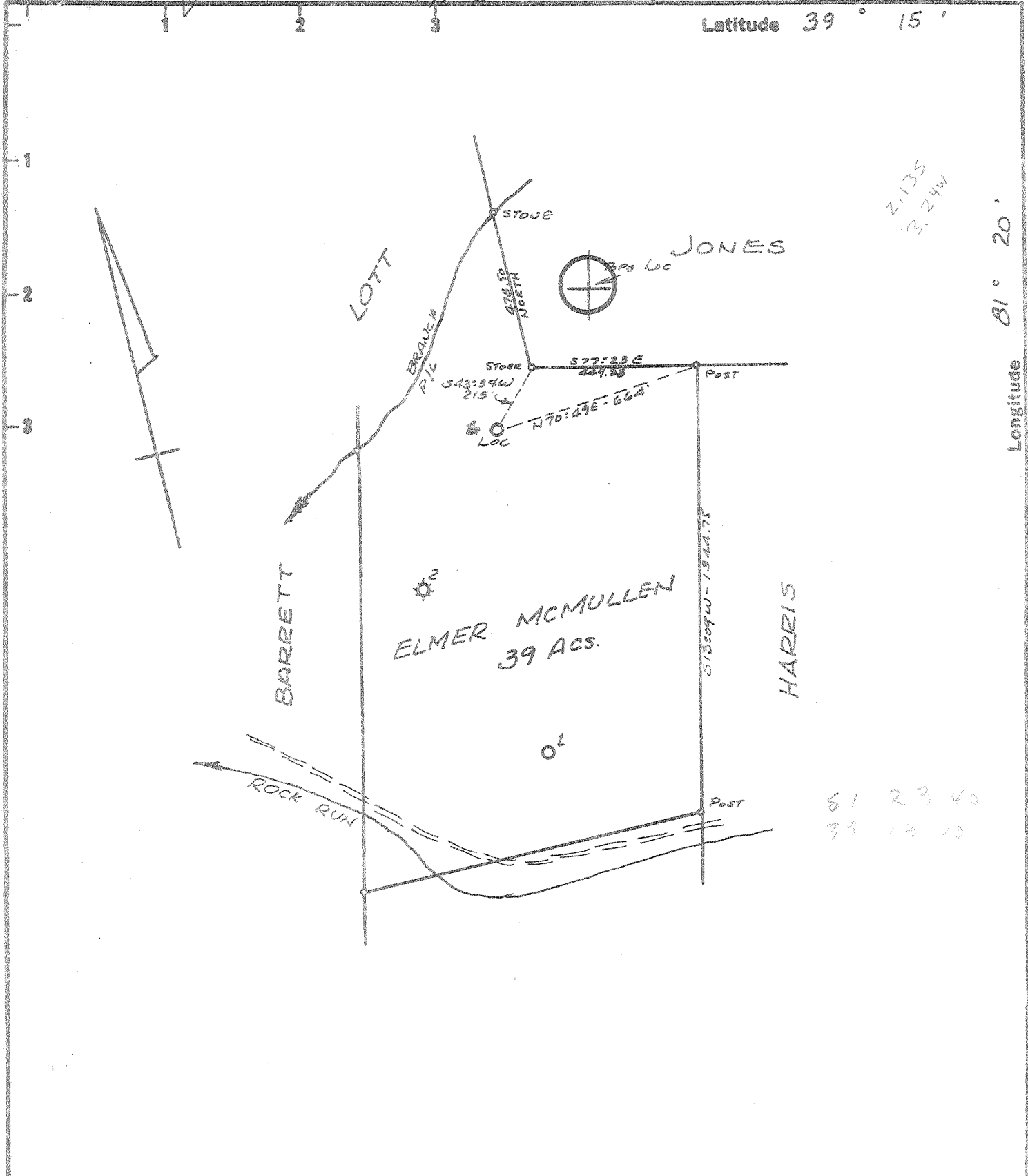


Latitude 39° 15'



Longitude 81° 20'

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 IN. 200
 Source of Elevation U.S.G.S. Elev. 1017' South West of Well 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 CO., Inc
 Address 7 1/2 SPRING ST. CHARLESTON W.Va.
 Farm ELMER McMULLEN
 Tract _____ Acres 39 Lease No. _____
 Well (Farm) No. 6 Serial No. _____
 Elevation (Spirit Level) 821'
 Quadrangle ELIZABETH NC
 County WOOD District WALKER
 Engineer N.G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 10-5-74 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Woo-679

+ 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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NOV 1 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Elizabeth
Permit No. Wood-679

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

Company <u>Burdette Oil & 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 Acres 39</u>	20-16			
Location (waters) <u>Still Well Creek</u>	Cond.			
Well No. _____ Elev. <u>821</u>	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>193'</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>2345</u>		
Address _____	3			
Drilling Commenced <u>10-12-74</u>	2			
Drilling Completed <u>10-15-74</u>	Liners Used			
Initial open flow _____ cu. ft. _____ bbls.				
Final production <u>1667^M</u> cu. ft per day <u>55</u> 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	13		
Sand & Shale & R.R.			13	190		
Sand & Shale & R.R.			190	650		
Sand & Shale			650	1180		
Sand & Shale			1180	1740		
Sand & Shale			1740	1950		
Shale			1950	1970		
Sand			1970	2150		
Sand			2150	2275		
? Tide			2275	2345		
T.D.			2345			

Berea shows sign of oil & Gas

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 7 1974
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 7, 1974

Surface Owner Elmer E. McMullen
Address Elizabeth, W.Va.
Mineral Owner Same
Address _____
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company Burdette Oil & Gas Co., Inc.
Address 7 1/2 Spring St., Charleston, W.Va.
Farm Elmer E. McMullen Acres 39
Location (waters) Still Well Creek
Well No. #6 Elevation 821'
District Walker County Wood
Quadrangle Elizabeth

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 2-7-75

[Signature]

Deputy Director - Oil & Gas Division

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

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, 19 74 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Address
of
Well Operator

Very truly yours,

(Sign Name) _____

L. C. Burdett

Well Operator

7 1/2 Spring St.,

Street

Charleston, W.Va.

City or Town

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

Wood-679
47-107

PERMIT NUMBER

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 Burdette Oil & Gas Co., Inc. NAME L. G. Burdette
 ADDRESS 7 1/2 Spring St., ADDRESS 5121 Big Tyler Road
 TELEPHONE 344-3616 TELEPHONE 776-3767
 ESTIMATED DEPTH OF COMPLETED WELL: 2300' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 TYPE OF WELL: OIL X 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 13-3/8"	50	50	25 sacks
9 - 5/8			
8 - 5/8 8-5/8"	400	400	100 sacks to surface
7			
5 1/2			
4 1/2 4-1/2"	2300	2300	50 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 295' FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS No
 IS COAL BEING MINED IN THE AREA? _____ 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