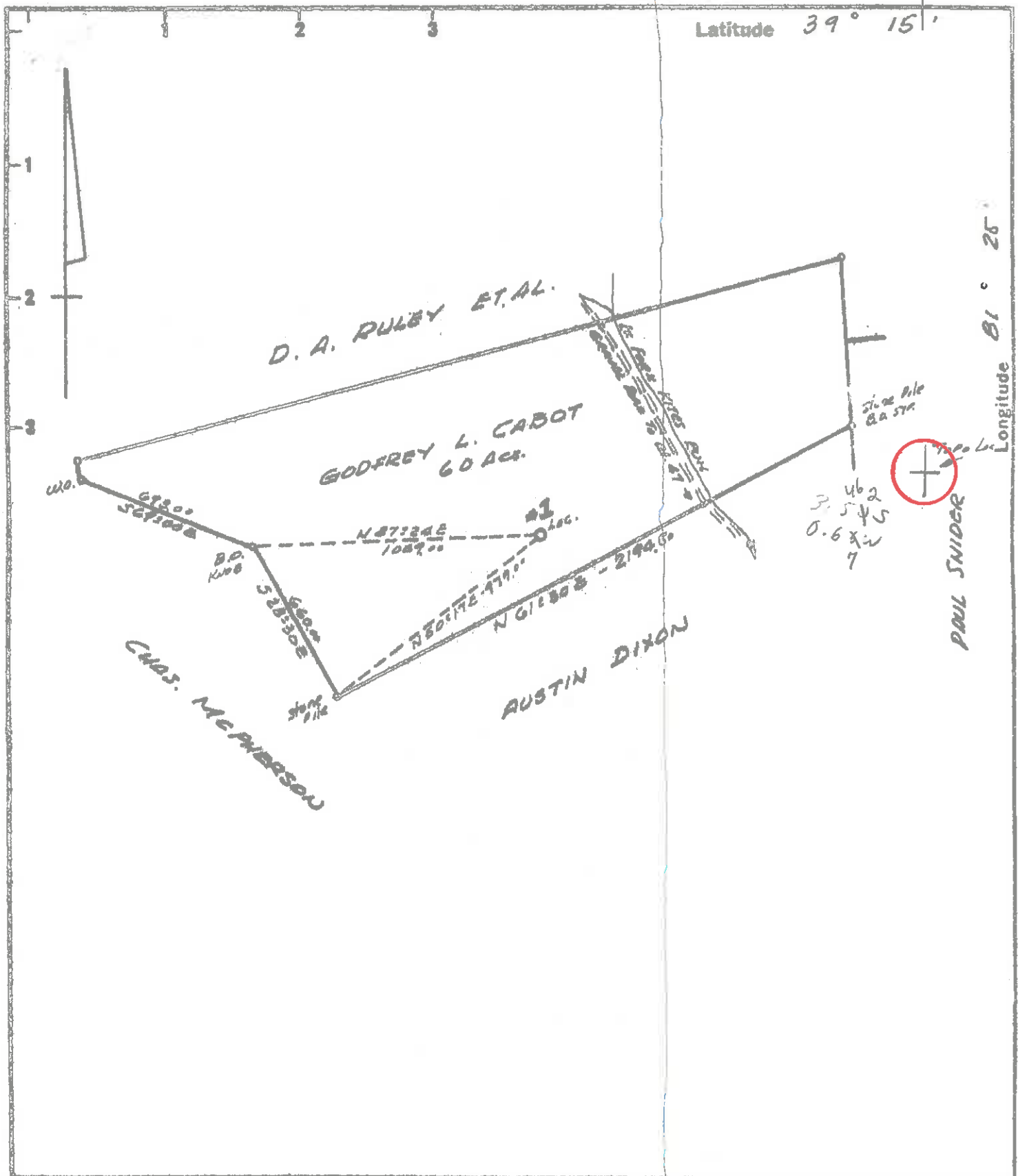


Latitude 39° 15'



PAUL SNIDER

3.462  
0.545  
0.632  
7

New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 in 300  
 Source of Elevation USGS Elev. 10572 Top of Hill N.W. 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 BIG "B" DRILLING CO. INC.  
 Address PO. BOX 20, JISSONVILLE, W.VA. 25320  
 Farm GODFREY L. CABOT  
 Tract \_\_\_\_\_ Acres 60 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 842.0  
 Quadrangle ELIZABETH NW  
 County WOOD District CLAY  
 Engineer N. J. [Signature]  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-27-73 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. WOOD-636

+ 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**



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

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

Quadrangle Elisabeth

Permit No. Wood -636

Company Big "B" Drilling Co.  
Address Sissonville, W. Va.  
Farm G. L. Cabot Acres 60  
Location (waters) Left Fork Kites Run  
Well No. One (1) Elev. 849 KB  
District Clay County Wood  
The surface of tract is owned in fee by \_\_\_\_\_  
G. L. Cabot, et al  
Address Charleston, W.V.  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling Commenced 12/2/73  
Drilling Completed 12/6/73  
Initial open flow 100,000 cu. ft per day 15 bbls.  
Final production \_\_\_\_\_  
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"	181	181	to surface 55 Sks
7"			
5 1/2"			
4 1/2"	2400	2400	Cmt To Surface
3"			
2"	2100	2100	
Liners Used			

Well treatment details:  
2-5/8" Cemented by Dowell  
4-1/2" Cemented by Dowell

Attach copy of cementing record.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Berea Depth 2331 - 2338 perf

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	5		
Shale & Sandstone			5	546		
Sandstone			546	560		
Shale			560	590		
Sand - Shaley			590	642		
Sandstone			642	666		
Shale			666	786		
Sandstone			786	806		
Shale - Sandy			806	1210		
Sand			1210	1256		
Shale			1256	1276		
Sand			1276	1326		
Shale			1326	1350		
Sand			1350	1370		
Shale			1370	1398		
Sand			1398	1450		
Shale			1450	1670		
Sand			1670	1760		
Shale			1760	1776		
Sand			1776	1924		
Shale			1924	2306		
Coffee Shale			2306	2331		
<u>Berea</u>			<u>2331</u>	<u>2338</u>		
Shale			2338	2400		

Date 7/23/74  
[Signature]  
BIG "B" DRILLING COMPANY



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED  
NOV 25 1973  
OIL & GAS

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

DATE November 22, 1973

Surface Owner \_\_\_\_\_

Company Big B Drilling Company, Inc.

Address \_\_\_\_\_

Address Box 20, Sissonville, W. Va.

Mineral Owner G.L. Cabot, etal

Farm G.L. Cabot Acres 60

Address Charleston, W. Va.

Location (waters) Lt. Fork of Kites Run

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

Well No. One Elevation 842'

Address \_\_\_\_\_

District Clay County Wood

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

Quadrangle Elizabeth

Address \_\_\_\_\_

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 3-23-74.

*Robert F. ...*

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Fred Burdette  
Sissonville, W.Va. PH: 984-9263

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 November 7 19 73 by Cabot Corp. made to Allen Beard and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

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, Big B Drilling Co., Inc.  
(Sign Name) *[Signature]*  
Well Operator

P.C. Box 20

Address  
of  
Well Operator

Street

Sissonville, W. Va.

City or Town

W. Va. 25320

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.

WOOD-636

PERMIT NUMBER

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 \_\_\_\_\_ NAME Allen Beard/ Big B Drilling Co.  
ADDRESS \_\_\_\_\_ ADDRESS Box 20, Sissonville, W. Va.  
TELEPHONE \_\_\_\_\_ TELEPHONE 984-9934

ESTIMATED DEPTH OF COMPLETED WELL 2500' ROTARY  CABLE TOOLS \_\_\_\_\_

PROPOSED GEOLOGICAL FORMATION: Berea

TYPE OF WELL OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB  STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TESTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	200	200	surface
9 - 5/8			
8 - 5/8	800	800	250
7			
5 - 7/8			
4 1/2	2500	2500	
3			Perf. Top
2	2500	2500	Perf. Bottom
1 liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET

APPROXIMATE COAL DEPTHS \_\_\_\_\_

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