



Latitude 39° 15'

Longitude 81° 25'

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure... 1 IN 200
 Source of Elevation... USGS B.M. 1047 THE AR KENN NW. of Well

LOCATION
 "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, SISSONVILLE, W.V. 26026
 Farm GODFREY L. CABOT
 Tract _____ Acres 60 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 886.0'
 Quadrangle ELIZABETH NW
 County WOOD District CLAY
 Engineer N. J. Sifton
 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-637

+ 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

6-6 Kanawha Station (351)

DEC 7 1973



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

Quadrangle Elizabeth
Permit No. W00-637

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

Company <u>Big B Drilling Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Bx. 20, Sissonville, West Virginia</u>				
Farm <u>Cabot Corp.</u> Acres <u>60</u>	Size			
Location (waters) <u>Lt. Fork of Kites Run</u>	20-16			
Well No. <u>Two (2)</u> Elev. <u>886'</u>	Cond.			
District <u>Clay</u> County <u>Wood</u>	13-10"			
The surface of tract is owned in fee by <u>G. L. Cabot, et al</u>	9 5/8			
Address <u>Charleston, West Virginia</u>	8 5/8	181'	181'	cmt to surface
Mineral rights are owned by <u>Same</u>	7			
Address _____	5 1/2	2401'	2401'	cmt to surface
Drilling Commenced <u>12-2-73</u>	4 1/2			140 Sks.
Drilling Completed <u>12-7-73</u>	3			
Initial open flow <u>Not tested</u> cu. ft. _____ bbls.	2	2400'	2400'	cmt to surface
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

All cementing work by Dowell

Attach copy of cementing record.

190,000 gas 11 Bbls oil

Coal was encountered at No coal Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Berea Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	7		
Clay			7	13		
Rock & Shale			13	181		
Sand			181	540		
Red Rock & Shale			540	945		
Sand & Shale			945	1150		
Shale			1150	1400		
Sand & Shale			1400	1616		
Sand			1616	1846		
Sand & Shale			1846	1870		
Sand & Lime			1870	1920		
Sand & Shale			1920	2083		
Sand			2083	2235		
Shale			2235	2282		
Shale & Sand			2282	2330		
<u>Berea</u>			<u>2330</u>	<u>2335</u>		
Shale			2335	2412		
Total Depth			2412'			

perf. 2330-35
BIG B DRILLING COMPANY
By [Signature]
Date 7/23/74

* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
NOV 23 1973
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE November 22 1973
Company Big B Drilling Co., Inc.
Address Box 20, Sissonville, W. Va.
Farm G.L. Cabot Acres 60
Location (waters) Lt. Fork of Kites Run
Well No. Two Elevation 886'
District Clay County Wood
Quadrangle Elizabeth

Surface Owner _____
Address _____
Mineral Owner G.L. Cabot, etal
Address Charleston, W. Va.
Coal Owner _____
Address _____
Coal Operator _____
Address _____

at 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 32-3-74

[Signature]
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 Corporation 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 Company, Inc.
(Sign Name) [Signature]
Well Operator

Address
of
Well Operator

Box 20
Street
Sissonville,
City or Town
West Virginia 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 there-to by the department and that the same is approved and the well operator authorized to proceed

BLANKET

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 _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	200	200	surface
9 - 8.8			
8 - 8.8	800	800	250
7			
5 1/2			
4 1/2	2500	2500	
3			Perf. Top
2	2500	2500	Perf. Bottom
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