

Minimum Error of Closure 1 IN 200
 Source of Elevation U.S.G.S. BM. E.I. 592.0 Pt. 56

New Location
 Drill Deeper
 Abandonment
 Issued 5/10/73

"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 D' INVESTMENT CO., INC.
 Address PO BOX 20, SISSONVILLE, W. VA.
 Farm SARAH E. HUPP
 Tract _____ Acres 35 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 743.0
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer N.L. Lepton
 Engineer's Registration No. 1032
 File No. _____ Drawing No. _____
 Date 3-12-73 Scale 1" = 300'

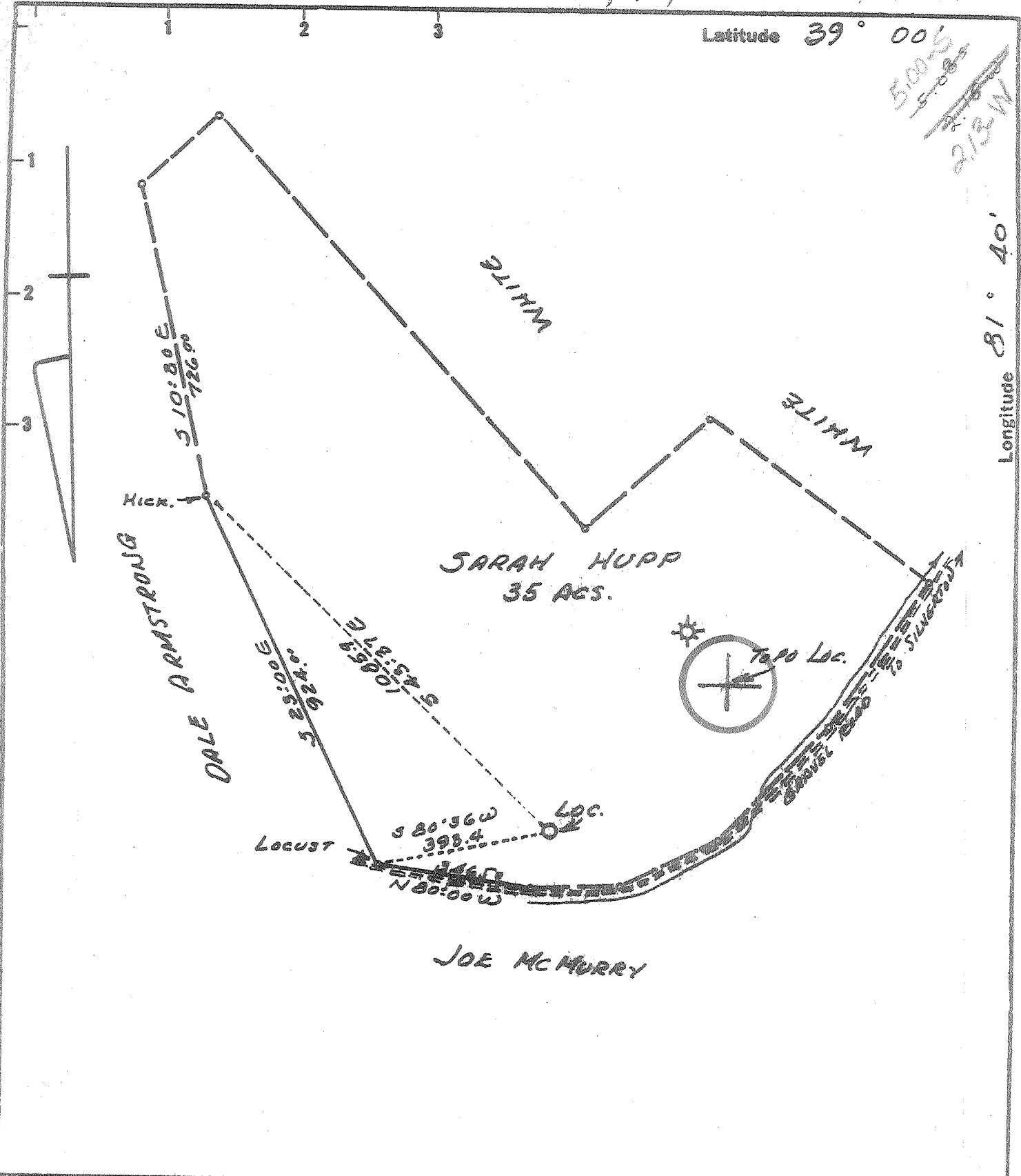
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. JAC-1356-P

+ 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.

47-035



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. BM El. 592.0 Ev. 62
 "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 INVESTMENT CO., INC.
 Address P.O. Box 20, Sissonville, W. Va.
 Farm SARAH E. HUPP
 Tract _____ Acres 35 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 743.0
 Quadrangle RIPLEY NW
 County JACKSON District FAVENSWOOD
 Engineer N.L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 3-12-73 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. JAC-1356

+ 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.

6-0 ~~Sissonville~~ Deep Well (Newburg) MAR 29 1973



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

RECEIVED
MAY 16 1973

OIL & GAS DIVISION
DEPARTMENT OF MINES

Quadrangle Ripley
Permit No. Jac-1356

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry (Wind)

Company Big "B" Investment Co., Inc.
Address P.O. Box 20 Sissonville, W. Va.
Farm Sarah E Hupp Acres 35
Location (waters) Br. of Straight Fork
Well No. 2 Elev. 750' KB
District Ravenswood County Jackson
The surface of tract is owned in fee by _____

Address _____
Mineral rights are owned by _____
Address _____

Drilling Commenced 3-16-73
Drilling Completed 4-5-73
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Pump 3000 gals 28% HCl 4-7-73

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13 1/8"	20'	20'	3-27-73 200 sks.
13 1/8" 11"	60'	60'	
8 5/8"	2053'	8'	3-27-73 200 sks.
7"			
5 1/2"			
4 1/2"	5495'		4-1-73 225 sks.
3"			
2"			
Liners Used			

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
clay			0	10		
Sand			10	25		
Lime			25	50		
Shale			50	285		
Sand			285	395		
Shale & Sand			395	1000		
Sand			1000	1780		
lime-Big lime			1780	1865		
Sand-Injun			1865	1980		
Shale			1980	4668		
Carniferous - 463			4668	4764		Closure 98.00' N 40° 3' E. Eastman Oil Well Survey Co
Oriskany			4764	4784		
Lime & Dolomite			4784	5510		
Newburg			5510 (over)	5520		

* Indicates Electric Log tops in the remarks section.

Dolomite & shale 5520

McKenzie

total Depth

545 5577

MAY 29 1973



RECEIVED

MAR 14 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 March 14, 1973

Surface Owner Sarah Hupp

Company Big B Investment Co., Inc.

Address St. Albans, W. Va.

Address Box 20, Sissonville, W. Va. 25320

Mineral Owner Sarah Hupp

Farm Sarah Hupp Acres 35

Address St. Albans, W. Va.

Location (waters) Streight Fork of Sandy Creek

Coal Owner _____

Well No. 2 Elevation 743

Address _____

District Ravenswood County Jackson

Coal Operator Not operated for coal

Quadrangle Ripley

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 7/14/73.

INSPECTOR TO BE NOTIFIED Mr. Fred
Briggs PH: 984-9203
Cycerone Route
Sissonville, W. Va. 25185

Robert T. 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 18, 1972 by Sarah Hupp made to Allen Beard and recorded on the 19th day of Sept 1972, in Jackson County, Book 122 Page 495 and assigned to Big B Investment
 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 Investment Co., Inc.

(Sign Name) Allen Beard
Well Operator

Address
of
Well Operator

P. O. 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 thereto by the department and that the same is approved and the well operator authorized to proceed.

Jac-1356 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 Burdette Oil and Gas. NAME Allen Beard
 ADDRESS Charleston, W. Va. ADDRESS Box 20, Sissonville, W. Va.
 TELEPHONE 344-3616 TELEPHONE 984-9934
 ESTIMATED DEPTH OF COMPLETED WELL: 5800' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 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	250	250	
9 - 5/8			
8 - 5/8	2400	2400	
7			
5 1/2			
4 1/2	5600	5600	
3			Perf. Top
2	5700		Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None to our knowledge
 IS COAL BEING MINED IN THE AREA? no 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