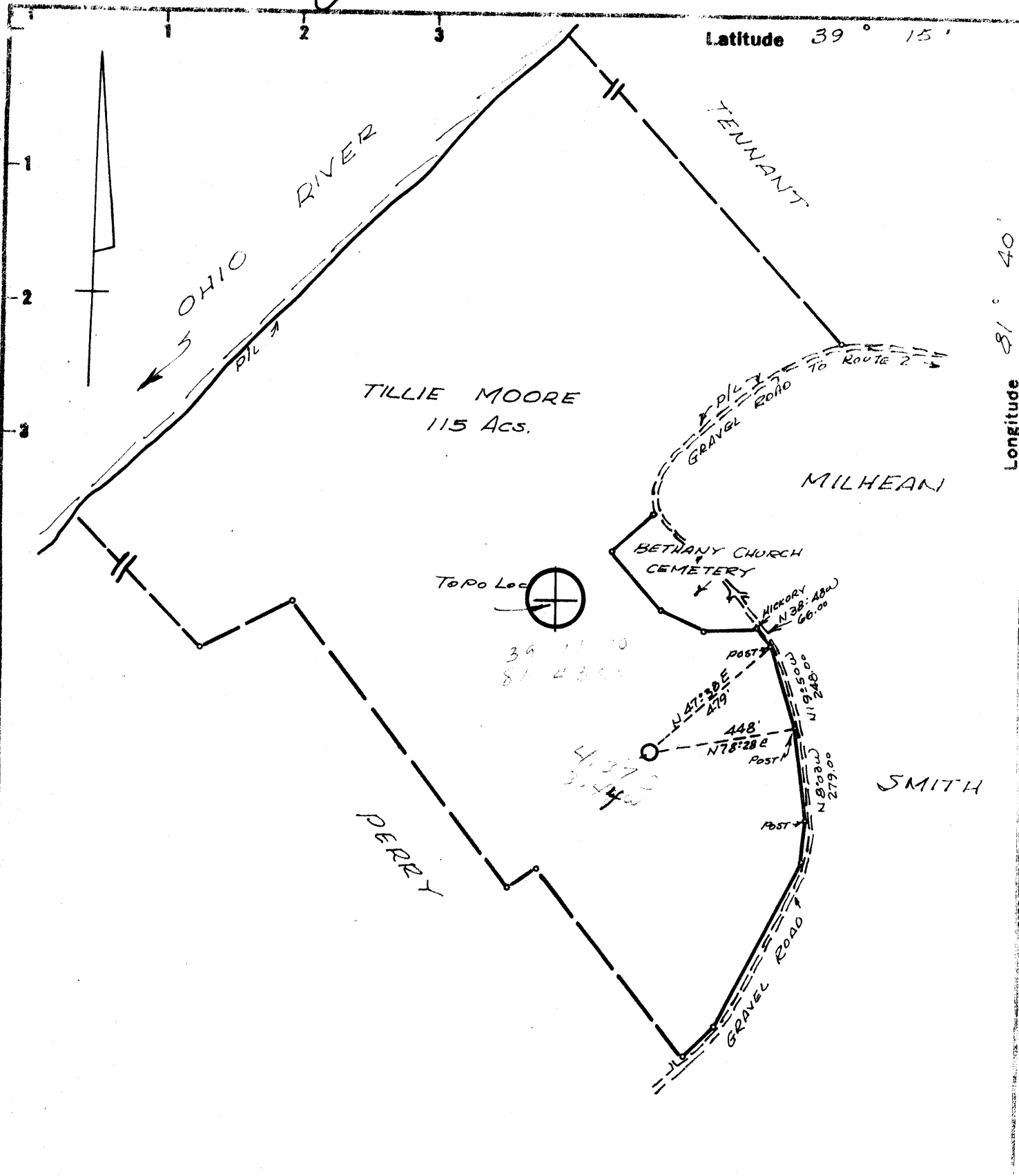


Latitude 39° 15'

Longitude 81° 40'



Minimum Error of Closure 1 IN 200
 Source of Elevation U.S.G.S. Elev. 819' ROAD INTERSECTION NORTH 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."

- New Location
- Drill Deeper
- Abandonment

Company BIG "B" DRILLING CO. INC.
 Address PO. BOX 20, SISONVILLE, W.VA.
 Farm TILLIE MOORE
 Tract _____ Acres 115 Leave No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 800'
 Quadrangle BELLEVILLE NW
 County WOOD District HARRIS
 Engineer N. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 8-13-74 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WOOD 665

+ 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 WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Belleville

WELL RECORD

Permit No. Wood 665

Oil or Gas Well Dry (KIND)

Company Big "B" Drilling Co.
Address Sissonville, W. Va.
Farm Tillie Moore Acres 115
Location (waters) Ohio River
Well No. One Elev. 817 KB
District Harris County Wood
The surface of tract is owned in fee by Tillie Moore,
New England Rt. Address Parkersburg, W. Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
XX 11-3/4	125	125	Size of
8 1/4	2065		Depth set
6 1/4			
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 8/14/74
Drilling completed 8/19/74
Date Shot _____ From _____ To _____
With _____

Attach copy of cementing receipt 125' 8/14/74
CASING CEMENTED 8-5/8 SIZE 500 No. Ft. 8/17/74 Date
Amount of cement used (bags) 70 Sx.; 100 Sx.
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand None Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Shale, Sand, Red Rock			10	1495			
Sand			1495	1660	Water	1600	
Shale			1600	2005			
Coffee Shale			2005	2022			
Berea			2022	2025			
Shale			2025	4148			
Corniferous Lime			4148	4234			
Oriskany			4234	4256			
Limestone & Dolomite			4256	4960			
Newburg Sandstone			4960	4966			
Dolomite & Shale			4966	5012			
				5012			TOTAL DEPTH all explor.

4960
817

4143



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 9 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 August 9, 1974

Surface Owner Tillie Moore
Address New England Route
Parkersburg, West Virginia

Company BIG B DRILLING COMPANY, INC.
Address P. O. Box 20
Sissonville, West Virginia

Mineral Owner Same

Farm TILLIE MOORE Acres 115

Address (same)

Location (waters) Ohio River

Coal Owner Not Operated

Well No. One (1) Elevation 804'

Address _____

District Harris County Wood

Coal Operator Not Operated

Quadrangle Belleville

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 12-9-74

Robert H. Ford
Deputy Director - Oil & Gas Division

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

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 July 12, 1974 by Pilot Oil & Gas 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.

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

Very truly yours, BIG B DRILLING COMPANY, INC.
Sign Name: [Signature]
Well Operator
P. O. Box 20
Street
Sissonville, West Virginia
City or Town
State

Address
of
Well Operator

*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 LOGS

WOO-665 PERMIT NUMBER
47-107

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 _____ NAME Big B Drilling Company, Inc.
 ADDRESS _____ ADDRESS P. O. Ex. 20, Sissonville, W.Va.
 TELEPHONE _____ TELEPHONE 984-9934
 ESTIMATED DEPTH OF COMPLETED WELL: 5000' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 TYPE OF WELL: OIL _____ GAS X 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.
9 - 16			
13 - 10	200	200	to surface
9 - 5/8			
8 - 5/8			
7	1800	1800	to surface
5 1/2			
4 1/2	5000	5000	
3			Perf. Top
2	5000	5000	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 500 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