



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 3 = 926'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: *W. Sheets*  
 Squares: N E W

Map No. \_\_\_\_\_

Company TROY A. BRADY, JR.

Address Buckhannon, W. Va.

Farm E. B. Sheets Heirs

Tract \_\_\_\_\_ Acres 259 Lease No. \_\_\_\_\_

Well (Farm) No. Four Serial No. SIX

Elevation (Spirit Level) 967

Quadrangle Holbrook

County Ritchie District Union

Engineer *W. Sheets Jr.*

Engineer's Registration No. 1227

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date March 2, 1972 Scale 1" = 40p = 660'

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

**WELL LOCATION MAP**

FILE NO. RTF 3472

+ 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.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Holbrook

Permit No. RIT 3472

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

Company Troy A. Brady, Jr.  
Address PO Box 371 Buckhannon W. Va  
Farm E. B. Sheets Acres 259  
Location (waters) Bone Creek  
Well No. Six (6) Elev. 967  
District Union County Ritchie  
The surface of tract is owned in fee by W. Bryan Sheets  
Address Auburn, W. Va  
Mineral rights are owned by E. B. Sheets Heirs  
Address Auburn W. Va  
Drilling Commenced March 10 1972  
Drilling Completed April 26 1972  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 800,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details: \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	16"		
9 5/8			
8 5/8	225	225	
7	880	880	
5 1/2			
4 1/2	1880	1880	
3			
2			
Liners Used			

Attach copy of cementing record.

800 mcf

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 30 Feet \_\_\_\_\_ Salt Water 1884 Feet \_\_\_\_\_  
Producing Sand Injun Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	12		
Red Rock			12	15		
Sand			15	30		
Red rock			30	40		
Slate			40	65		
Red rock			65	80		
Slate			80	95		
Red rock			95	112		
Slate			112	130		
Sand			130	140		
Red rock			140	165		
Sand			165	183		
Red rock			183	200		
Slate			200	215		
Sand			215	240		
Red rock			240	250		
Sand			250	260		
Red rock			260	298		
Slate			298	335		
Red rock			335	340		
Slate			340	342		

(over)

\* Indicates Electric Log tops in the remarks section.

JUL 17 1972

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			322	350		
Lime			350	360		
Slate			360	398		
Red rock			398	420		
Slate			420	460		
Red rock			460	570		
Slate			570	578		
sand			570	592		
Slate/lime shells			592	633		
Red rock			633	640		
Slate			640	660		
Lime			660	672		
Slate			672	687		
Red rock			687	739		
Lime			739	780		
Slate			760	782		
Sand			785	819		
Lime			819	1023		
Slate/lime shells			1023	1065		
Slate/lime shells			1065	1095		
Sand			1090	1142		
Slate/shells			1142	1332		
Sand/lime			1332	1495		
Sand			1495	1584		
Slate black			1584	1626		
Sand			1594	1626		
Red rock			1626	1642		
Slate/lime shells			1642	1653		
Little lime			1653	1695		
Pencil cave			1695	1700		
Big lime			1700	1776		
sand - Big Injan			1776	1800		
Bottom injan				1864		

Gas @ 1807 to 1814

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_

(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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MAR 7 1972

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 6, 1972

Surface Owner E. B. and Iona Sheets

Company Troy A. Brady, Jr.

Address Auburn, W. Virginia

Address P.O. B. 371 Buckhannon W.Va

Mineral Owner E. B. Sheets Heirs

Farm E. B. Sheets Acres 250

Address Auburn, W. Virginia

Location (waters) Bone Creek

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

Well No. 4-8-6 Elevation 987'

Address \_\_\_\_\_

District Union County Ritchie

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

Quadrangle \_\_\_\_\_

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 July 8, 1972.

INSPECTOR TO BE NOTIFIED Mr Arthur Bell  
Box 296  
Hundred, W.Va. PH: 775-5411  
26575

Dorothy L. Todd  
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 July 15 1952 by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the 15 day of July 1952, in Ritchie County, Book 81 Page 137

X 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,

(Sign Name) Troy A. Brady, Jr.  
Well Operator

Address  
of  
Well Operator

P.O. B 371  
Street  
Buckhannon  
City or Town  
W. Virginia 26201  
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.

BOND DRILL

RIT-3472

PERMIT NUMBER

*Survey*

**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 Troy A. Brady, Jr NAME Troy A. Brady, Jr  
 ADDRESS P.O. B 371 Buckhannon WVa ADDRESS \_\_\_\_\_  
 TELEPHONE 472 4677 TELEPHONE \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 1800' ROTARY \_\_\_\_\_ CABLE TOOLS   
 PROPOSED GEOLOGICAL FORMATION: Injun  
 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			
9 - 5/8			
8 - 5/8	<b>225'</b>	<b>225'</b>	<b>to surface</b>
7			
5 1/2			
4 1/2	<b>1110'</b>		
3			Perf. Top
2			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? 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