

New Location .    
 Drill Deeper . . .  4-18-75   
 Redrill . . . . .    
 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."

Company TEAVEE OIL & GAS INC  
 Address CHARLESTON W VA  
 Farm J HARMON  
 Tract Acres 8 9 Lease No. \_\_\_\_\_  
 Well (Farm) No. C 19 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 609.4  
 Quadrangle WINFIELD SC  
 County POTNAM District UNION  
 Engineer JOHN GALPIN  
 Engineer's Registration No. 875  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 12-23-74 Scale 1" = 400'

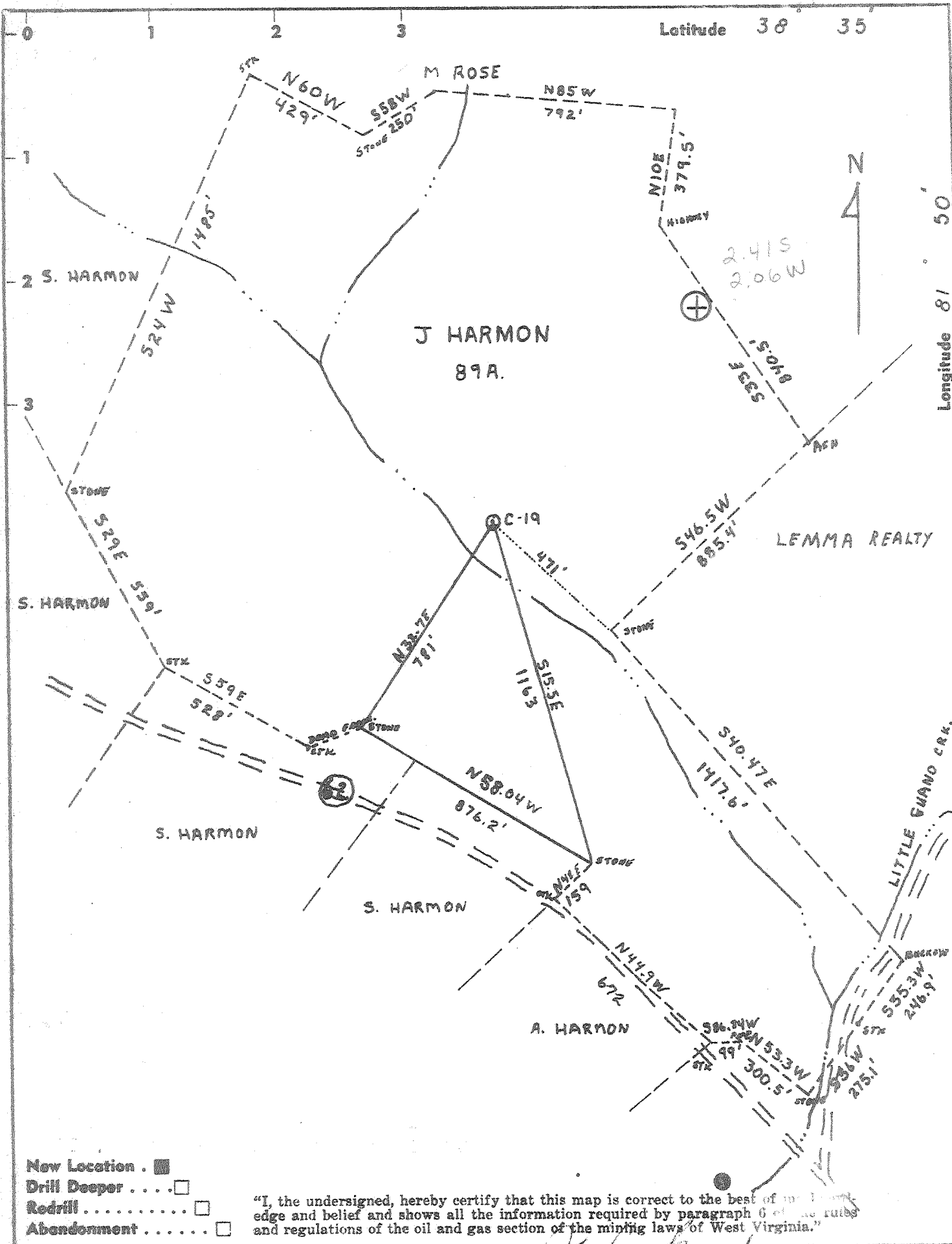
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. Put-795-22

+ 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.

47-079



- New Location .
- Drill Deeper . . . .
- Redrill . . . . .
- Abandonment . . . . .

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Farm	J HARMON	
Tract	Acres 8 9	Lease No.
Well (Farm) No.	C 19	Serial No.
Elevation (Spirit Level)	609.4	
Quadrangle	WINFIELD	SC
County	PUTNAM	District UNION
Engineer	JOHN GALPIN	
Engineer's Registration No.	875	
File No.	Drawing No.	
Date 12-23-74	Scale 1" = 400'	

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

**WELL LOCATION MAP**  
FILE NO. *Put-795*

+ 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.

47-079

*Drish.* *Deep Well*



**RECEIVED**

APR 21 1976

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Winfield  
Permit No. Put. 795 DB

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

Company <u>TEAVERE OIL AND GAS, INC.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Charleston, W. Va.</u>	Size			
Farm <u>Judson Harmon</u> Acres <u>89</u>	20-16			
Location (waters) <u>Little Guano Creek</u>	Cond.			
Well No. <u>C-19</u> Elev. <u>609.4</u>	13-10"	153	153	To surface
District <u>Union</u> County <u>Putnam</u>	9 5/8			
The surface of tract is owned in fee by <u>Judson Harmon</u>	8 5/8			
Address <u>Red House, W. Va.</u>	7	2378	2378	125 Sks.
Mineral rights are owned by <u>Judson Harmon</u>	5 1/2			
Address <u>Red House, W. Va.</u>	4 1/2			
Drilling Commenced <u>December 31, 1974</u>	3		4604	25 Sks., Used Packer
Drilling Completed <u>April 15, 1976</u>	2			
Initial open flow <u>90 M</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>84 M</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				
Well treatment details:				

Attach copy of cementing record.

Shot Brown Shale Section 12-3-75 from 3606' to 4100' with 5000 pounds of Hurcules Gas Well Explosives (80% gel), tamped shot with 5000 pounds of pea gravel. Cleaned shot to T.D. Open flow 24 hours after shot 180 MCFPD.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Brown Shale Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water		* Remarks
					Top	Bottom	
All depths measured from ground elevation 609.4'					METERS		
Big Lime			1530	1672	466.34	509.63	
Injun			1680	1735	512.06	527.83	
Berea*			2198	2219	669.95	676.35	
<u>Brown Shale</u>			3606	4100	1099.11	1249.68	
Onondaga*			4434	4546	1351.48	1389.62	
Oriskany*			4546	4555	1385.62	1388.36	
Total Depth			4538		1398.42		

~~4538~~  
~~1530~~  
~~3606~~

EST.  
L. Hole: 3379.  
Zone: 3809  
Angle: 3945  
Inclination: 4045  
Date: 7/54

1st metric log?

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

DEC 31 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.

DECEMBER 23, 1974

Surface Owner JUDSON HARMON  
Address END HOUSE  
Mineral Owner JUDSON HARMON  
Address DATE  
Coal Owner DATE  
Address DATE  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE \_\_\_\_\_  
Company TRAYNE OIL & GAS, INC.  
Address CHARLESTON, W. VA.  
Farm J. HARMON Acres 89  
Location (waters) LITTLE GUANO CREEK  
Well No. EE 6 19 Elevation 809.4  
District UNION County JOHNS  
Quadrangle \_\_\_\_\_

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 5-1-75.

INSPECTOR TO BE NOTIFIED Martin Nichols  
Clauderia FH: 548-6993  
W. Va.

Robert L. Bell  
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 NOV. 12, 1974 1974 by \_\_\_\_\_ made to JUDSON HARMON and recorded on the 12 day of DEC 1974, in JOHNS County, Book 35 Page 77

\_\_\_\_\_ 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, William Schaper  
(Sign Name) FOR TRAYNE OIL & GAS, INC.

Address  
of  
Well Operator

Well Operator  
1901 BARBARA VALLEY BLDG  
CHARLESTON, WEST VIRGINIA  
City or Town  
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.

BLANKET BOND

Put - 795 PERMIT NUMBER  
47-079

*Survey*

**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 GERALD JONES \_\_\_\_\_ NAME WILLIAM SCHAEFER \_\_\_\_\_  
 ADDRESS SPENSER, WEST VIRGINIA \_\_\_\_\_ ADDRESS ST> ALBANY \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 755-5202 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 4500 \_\_\_\_\_ ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: SHALE \_\_\_\_\_  
 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.
20 - 16			
13 - 10 <u>10 3/4</u>	<u>150</u>	<u>150</u>	<u>TO SURFACE</u>
9 - 5/8			
8 - 5/8			
7	<u>1750</u>	<u>1750</u>	<u>PACKER</u>
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET \_\_\_\_\_ SALT WATER 1060 FEET 1675  
 APPROXIMATE COAL DEPTHS NOT KNOWN \_\_\_\_\_  
 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 17 1975

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Judson Harmon  
Address Red House, W. Va.  
Mineral Owner Judson Harmon  
Address Red House, W. Va.  
Coal Owner None Known  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE April 14, 1975  
Company Teavee Oil & Gas, Inc.  
Address 1901 Kanawha Valley Bldg.  
Farm Judson Harmon Acres 59  
Location (waters) Little Ganso Creek  
Well No. C-19 Elevation 609.4  
Union Putnam  
District \_\_\_\_\_ County \_\_\_\_\_  
Quadrangle Winfield

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 deepening. This permit shall expire if operations have not commenced by 8-18-75.

[Signature]  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Nichols  
P. O. Box 554 PH: 548-6993  
Clendenin, WV.

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 12 19 74 by Judson Harmon made to Teavee Oil & Gas, Inc. and recorded on the 12th day of Dec. 19 74, in Putnam County, Book 58 Page 71

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.

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P. O. Box 879  
Morgantown, W. Va. 26505  
AC 304-296-4461

Address  
of  
Well Operator

Very truly yours, Will van Schaap  
(Sign Name) For Teavee Oil & Gas, Inc.  
Well Operator  
1901 Kanawha Valley Bldg.  
Street  
Charleston  
City or Town  
West Virginia  
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.

BLANKET BOND

PUT- 795 - DD. PERMIT NUMBER

47 079

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) Gerald Jones RESPONSIBLE AGENT: William Schaefer  
 NAME Spencer, W. Va. NAME Winfield, W. Va.  
 ADDRESS \_\_\_\_\_ ADDRESS 755-5202  
 TELEPHONE 1-304-927-1550 TELEPHONE X  
 ESTIMATED DEPTH OF COMPLETED WELL: 4540 ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 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	153	153	85 Sks.
9 - 5/8			
8 - 5/8			
7	1750	1750	B H Packer
5 1/2			
4 1/2	4530	4530	50 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER 1060 FEET

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

IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

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For Coal Company

Official Title