

LATITUDE 39° 35'
39 32 30 (75)

LONGITUDE 79° 50' (both)

- 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 of the information required by Paragraph 5 of the rules and regulations of the Oil and Gas Section of the mining laws of West Virginia."

Edward C. Caswell
EDWARD C. CASWELL
TEXAS REG. NO. 5998

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM H. E. JASPER
 TRACT _____ ACRES 80.7 LEASE NO. 107202-A
 WELL (FARM) NO. B-1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1949.2'
 QUADRANGLE Mason town 7.5
MORGANTOWN 5C
 COUNTY PRESTON DISTRICT VALLEY
 ENGINEER Edward C. Caswell
 ENGINEER'S REGISTRATION NO. 5998 - TEXAS
 FILE NO. _____ DRAWING NO. _____
 DATE _____ SCALE 1" = 200'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. PRES-127
+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Morgantown

WELL RECORD

Permit No. PPBS-127

Oil or Gas Well Gas
(KIND)

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
<u>Phillips Petroleum</u>	Size			
<u>Bartlesville, Oklahoma</u>	16	Set @:		Kind of Packer
<u>Farm Jasper "B" Acres 20.7</u>	13 13 3/8"	52'	33'	(60 Sax) by Halli.
<u>Location (waters) *See reverse side.</u>	10 9 5/8"	1013.41'	995.11'	(400 Sax) by Halli.
<u>Well No. 1 Elev. 1949.2'</u>	8 1/4"			Size of
<u>District Valley County Preston</u>	6 3/4"			Depth set
<u>The surface of tract is owned in fee by Martha J. Fortney</u>	5 3/16"	814.2'		
<u>Address Rte 1, Reedsville, West Virginia</u>	4 1/2 4 1/2"	8140.48'	8140.48'	(200 Sax) by Halli.
<u>Mineral rights are owned by Same</u>	3			Perf. top See below.
<u>Address</u>	2			Perf. bottom
<u>Drilling commenced December 16, 1967</u>	Liners Used			Perf. top
<u>Drilling completed January 14, 1968</u>				Perf. bottom
<u>Date Shot None From To</u>				
<u>With</u>				

Attach copy of cementing record.

CASING CEMENTED 4 1/2" SIZE No. Ft. 1/10/68 Date

Amount of cement used (bags) 200 sax

Name of Service Co. Halliburton

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS) None

WELL FRACTURED (DETAILS) **See reverse side.

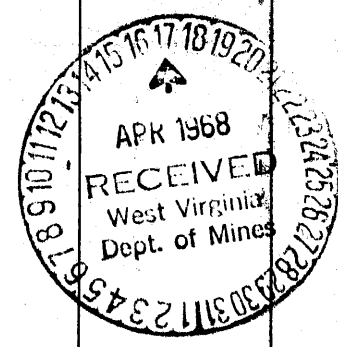
RESULT AFTER TREATMENT (Initial open flow or bbls.) See gas volume above. 5,933 MCF

ROCK PRESSURE AFTER TREATMENT 3448 lb. HOURS

Fresh Water 155' Feet Salt Water 8125' Feet

Producing Sand Onondaga Chert (Huntersville) Depth 8129' - PBTD 8106.89'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks	
Surface Soil & Shale			0'	52'	PERFORATION DATA - CHERT ZONE: 7779'-7926'			
Shale			52'	275'				
Lime & Shale			275'	6605'				
Shale			6605'	7309'				
Tully			7309'	7643'				
Marcellus			7643'	7755'				
Onondaga Lime			7755'	7770'				
Onondaga Chert			7770'	7830'				
Marcellus			7830'	7850'				
Onondaga Lime			7850'	7867'				
Onondaga Chert (Huntersville)			7867'	8099'				
Oriskany Sand			8099'	8129'				
			PBTD	8106.89'				





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

THIS FORM ACCOMPANIES APPLICATION FOR DISPOSAL OF SALT WATER IN SAME WELL

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

DATE June 5, 1978

Surface Owner Harry & Pauline Jasper

Company Phillips Petroleum Company

Address 1391 Centerhill Ave., Star City, W. Va.

Address P. O. Box 1967, Houston Tx. 77001

Mineral Owner (Same As Above)

Farm Jasper "B" Acres 70.7

Address _____

Location (waters) Monongahela

Coal Owner Mrs. Martha J. Fortney

Well No. 1 Elevation 1949.2'

Address Rt. #1, Reedsville, W. Va.

District Valley County Preston

Coal Operator _____

Quadrangle Newburg

Address _____

Performance Bonds: Blanket Bond

1) Effective July 1, 1966 (During Well Drilling) Commercial Union Insurance Company #512924.

2) Effective July 1, 1971, General Insurance Company of American #915671 (Current)

INSPECTOR TO BE NOTIFIED _____

ADDRESS _____

PHONE _____

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 April 12 1960 by Harry & Pauline Jasper made to Phillips Petroleum Co. and recorded on the 9th day of May 1960, in Preston County, Book 349 Page 383

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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours,
(Sign Name) G. B. Heckler
Well Operator

P. O. Box 1967
Street
Houston
City or Town
Texas 77001
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.

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 R. A. Hustead
 ADDRESS _____ ADDRESS 123 1/2 Holland Ave., Westover, W. Va.
 TELEPHONE _____ TELEPHONE 304-292-8233 26505
 ESTIMATED DEPTH OF COMPLETED WELL: 8129 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Onondaga-Oriskany (Disposal) SEE BELOW*
 (Perforate & Produce)
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL
 RECYCLING _____ WATER FLOOD _____ OTHER _____

COMPLETED
~~EXTENSIVE~~ CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT III UP OR SACKS - CUBIC FT.
20 - 16	Set 0		
13 - 10 13 1/8	52	33	60 sax
9 - 5/8 9 5/8	1013.41	955.11	400 sax
8 - 5/8			
7			
5 1/2			
4 1/2 4 1/2	8142	8140.48	200
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 155 FEET SALT WATER 8125 FEET
 APPROXIMATE COAL DEPTHS Bakerstown 1275 Lower Kittanning 860
 IS COAL BEING MINED IN THE AREA? Upper Freeport 1070 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.

*Devonian-Benson, Devonian-Riley, Speechley, Balltown, Warren, Bayard, 5th Sand, Thirty Foot Sand, Fifty Foot Sand, Gantz.

 For Coal Company

 Official Title