



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

Source of Elevation WELL 32392 (RIT 3109) ELV. 927.8'

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.

Minimum accuracy, one part in 200

Company	C. & P. OIL AND GAS CO.	
Address	2202 PRIDE AV., C-BURG, W.VA.	
Farm	G. M. BRITTON	
Tract	Acres 115.5	Lease No. 20456
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	937'	
Quadrangle	HOLBROOK NE 33 C	
County	RITCHIE	District UNION
Engineer	<i>R. J. McWilliam</i>	
Engineer's Registration No.	L. L. S. NO. 105	
File No.	231/54	Drawing No.
Date	11/16/77	Scale 1" = 300'

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

WELL LOCATION MAP
FILE NO. RIT-3794

+ 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.

DEC 30 1977

47-085



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

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OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Holbrook

Permit No. RIT-3794

Rotary Off
Cable Gas
Recycling Comb.
Water Flood Storage
Disposal (Kind)

Company C & P Oil & Gas Co.
Address Clarksburg, WV 26301
Farm G.M. (Elizabeth) Britton Acres 115.5
Location (waters) Middle Fork to Hughes River
Well No. 1 Elev. 937
District Union County Ritchie
The surface of tract is owned in fee by James P. Smith, et al.
Address Rt. 2, New Windsor, Md 21776
Mineral rights are owned by Adeline Lynn Spiker,
Atty-in-fact
Address Weston, WV 26452
Drilling Commenced 3/7/78
Drilling Completed 4/8/78
Initial open flow -- cu. ft. -- bbls.
Final production 300,000 cu. ft. per day -- bbls.
Well open 10 hrs. before test 625 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	250	250	Cemented with 80 sks.
7			
5 1/2			
4 1/2		2237	Cemented with 175 sks. REC
3			
2		2065	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Wier treated with 51000 lbs. sand, 60 gals. L-42, 962 bbls. of water, 1000 gals. 15% acid.
Big Injun treated with 27000 lbs. of sand, 1000 gals. 28% acid. 470 bbls. water.

Coal was encountered at None Feet -- Inches --
Fresh water 175 Feet -- Salt Water None Feet --
Producing Sand Big Injun & Wier Depth 1858-1890-2060-2170

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	60		
Red Rock & Slate			60	1125	water 175	
Sand			1125	1200		
Slate & Shells			1200	1650		
Sand & Slate			1650	1776		
Big Lime			1776	1858		
Big Injun			1858	1890	gas at 1888	
Shells			1890	2060		
Wier			2060	2170		
Shells			2170	2273	gas at 2074	
Total Depth				2273		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner See attached sheet
Address _____
Mineral Owner Adeline Lynn Spiker, Atty in Fact
Address Rt. 4, Box 4, Weston WV 26452
Coal Owner None
Address _____
Coal Operator None
Address _____

DATE December 6, 1977
Company C & P Oil and Gas Co.
Address 2202 Pride Ave Clarksburg, WV 26301
Farm G.M. (Elizabeth Britton) Acres 115.5
Location (waters) Middle Fork to Hughes River
Well No. 1 Elevation 937
District Union County Ritchie
Quadrangle Holbrook NE 3/3

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 4-19-78.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, WV
PHONE 477-3660

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 December 1 19 77 by Equitable Gas Co. made to C & P Oil and Gas Co. and recorded on the _____ day of _____ 19____, in Ritchie County, Book _____ Page _____ (See Source of Title.)

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) C & P Oil and Gas Co. Pete Leri
Well Operator

2202 Pride Avenue
Street
Clarksburg
City or Town
West Virginia 26301
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

RIT-3794 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

47-085

Signed by Pete Leri

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 Glenn L. Haught & Sons NAME C & P Oil and Gas Co.
 ADDRESS Smithfield, W. Va. ADDRESS 2202 Pride Ave Clarksburg, WV
 TELEPHONE _____ TELEPHONE 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 2300' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir
 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	20'	20'	Cement to Surface
13 - 10			
9 - 5/8			
8 - 5/8	490'	300'	Cement to Surface
7			
5 1/2			Cement to 300' above
4 1/2	2300'	2300'	any producing sand
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None
 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

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OIL & GAS DIVISION
DEPT. OF MINES

Surface Owners on the G. M. (Elizabeth) Britton Farm:

James P. Smith
Richard Nell
Pauline Nell
Rt. 2
New Windsor, Maryland 21776

Friedman and Greta Mischa
314 College Terrace
Frederick, Maryland 21701

John Keister
Akron, Ohio

Robert Gene Keister
Rt. 1
West Union, W. Va. 26456

James Keister
New Milton, W. Va. 26411

Ford Law
Portsmouth, Va.

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OIL & GAS DIVISION
DEPT. OF MINES

SOURCE OF TITLE

By Lease dated February 26, 1926, and recorded in Ritchie County, West Virginia, Lease Book No. 51, at page 501, Pittsburgh and West Virginia Gas Company acquired oil and gas rights to 126 acres, in Union District of said County from Elizabeth E. Britton, widow. Subsequently these rights were assigned and transferred to Equitable Gas Company.

C & P Oil and Gas Co. is now vested with operating rights of said Lease by virtue of an Agreement with Equitable Gas Company dated December 1, 1977.