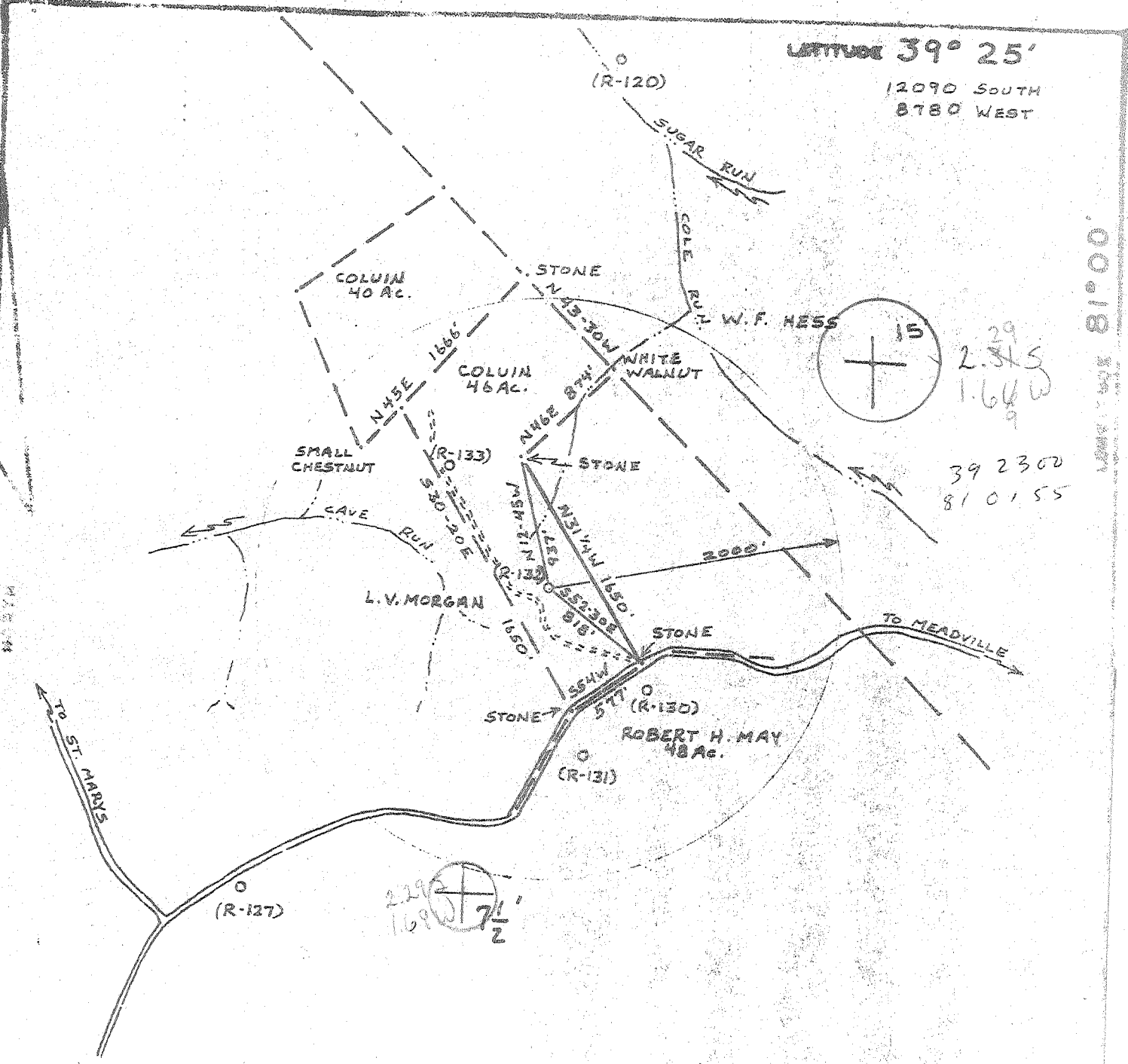


LATITUDE 39° 25'

12090 SOUTH  
8780 WEST

0018



29  
2.345  
1.669  
39 23 00  
81 01 55

229  
169  
7 1/2

1" = 1000'  
1:200  
ROAD ELEV. 1022'

William R. Massey  
351

APRIL 79  
R-132  
073  
0744  
PERMIT

961'  
LAFAYETTE  
BENS RUN W.VA. 7 1/2' QUAD. ST MARYS 15' EC  
ROGER L. COLUIN  
ROGER L. COLUIN

2100'  
C.W. RIGGS, INC.  
BOX 358, ST. MARYS, W.VA. 26170  
MAY 8 1979  
C.W. RIGGS  
BOX 358, ST. MARYS, W.VA. 26170  
Shiloh Wick  
Shiloh Wick



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

FEB 22 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD 54

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

Quadrangle BENS RUN  
Permit No. 47-073-0744

Company C.W. Rops, Inc.  
Address Box 358, ST. MARYS, W.VA.  
Farm ROGER COLVIN Acres 86  
Location (waters) COLE RUN  
Well No. R-132 Elev. 961'  
District LAFAYETTE County PLEASANTS  
The surface of tract is owned in fee by ROGER COLVIN  
Address Rt 39, ST. MARYS, W.VA.  
Mineral rights are owned by SAME  
Address SAME  
Drilling Commenced 6-2-79  
Drilling Completed 6-8-79  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 37,000 cu. ft. per day 2 bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	250	250	
9 5/8			
8 5/8	966	966	
7			
5 1/2			
4 1/2		3062	455 sks.
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.  
PERFORATIONS 2898' - 2987' 20 shots

FRACTURE TREATMENT 37 MCF + 2 Bbl

1500 BBL H<sub>2</sub>O, 100,000 # 20-40 Sand, 130,000 SCF N<sub>2</sub>

Coal was encountered at N/A Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water N/A Feet \_\_\_\_\_ Salt Water N/A Feet \_\_\_\_\_  
Producing Sand GORDON 1 4th Sand Depth 2893-2926 + 2979-2987  
GOR 44h


Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
1ST SALT			1334	1396		* Top Log
2ND SALT			1433	1452		
3RD SALT			1511	1545		
MAXON			1664	1719		
BIG LIME			1886	1938		
KEENER			1942	1969		
INJUN			1999	2070		
SQUAW			2110	2123		
WELCH STRAY			2405	2431		
BEREA			2476	2481		
50 FOOT			2595	2645		

Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet 54	Bottom Feet	Oil, Gas or Water	Remarks
30 FOOT			2717	2744		
GORDON STRAY			2780	2822		
GORDON			2893	2921	OIL & GAS	
4th SAND			2979	2997	GAS	

Date FEB 1 1980

APPROVED P. W. Riggs, Inc. Owner





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 24 1979

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 4-23-79

Surface Owner Roger L. Colvin

Company C. W. Riggs, Inc.

Address Rt. 39, St. Marys, W. Va.

Address Box 358, St. Marys, W. Va.

Mineral Owner Roger L. Colvin

Farm Colvin Acres 86

Address Rt. 39, St. Marys, W. Va.

Location (waters) Cole Run

Coal Owner Roger L. Colvin

Well No. R-132 Elevation 961'

Address Rt. 39, St. Marys, W. Va.

District Lafayette County Pleas

Coal Operator None

Quadrangle Bens Run

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 12-24-79.

Deputy Director - Oil & Gas Division

INSPECTOR  
TO BE NOTIFIED Philip Tracy

ADDRESS Middlebourne, W. Va.

PHONE 758-4573

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 March 2 1979 by Roger Colvin made to Frank Pethel and recorded on the 7th day of March 1979, in Pleasants County, Book 151 Page 353

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

Very truly yours,

(Sign Name)

Well Operator

Address  
of  
Well Operator

Box 358 Street

St. Marys City or Town

W. Va. 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

47-073-0744

PERMIT NUMBER

**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 Little Swiss Drilling NAME C. W. Riggs, Inc.  
 ADDRESS Buchannon, W. Va. ADDRESS St. Marys, W. Va.  
 TELEPHONE 472-6396 TELEPHONE 684-3974  
 ESTIMATED DEPTH OF COMPLETED WELL: 3060' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Upper Devonian  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. X STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 250'		250'	cement top-bottom
7			
5 1/2			
4 1/2		3060'	200 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 93 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