



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 IN 200  
 Source of Elevation USGS BM Elev 911' FISHER RIDGE ROAD  
 SOUTHEAST OF LOC.  
 "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 D.C. MALCOLM INC.  
 Address 1006 Commerce Sq., CHARLESTON, W.VA.  
 Farm E. G. SCHERR ET AL  
 Tract \_\_\_\_\_ Acres 146 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 893.0  
 Quadrangle KENNA C  
 County JACKSON District RIPLEY  
 Engineer N.L. Depton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-25-77 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. JAC-1423

+ 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.

47-035 OCT 28 1977



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

**RECEIVED**

DEC 15 1977

OIL & GAS DIVISION  
**DEPT. OF MINES**

Quadrangle Kenna  
Permit No. Jac 1423

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

Company <u>D. C. Malcolm, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1006 Commerce Sq., Charleston, W. Va.</u>				
Farm <u>E. G. Scherr</u> Acres <u>146</u>	Size			
Location (waters) <u>Shamblin Branch</u>	20-16			
Well No. <u>1</u> Elev. <u>893</u>	Cond.			
District <u>Ripley</u> County <u>Jackson</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Mrs. E. G. Scherr</u>	8 5/8			
Address _____	7			
Mineral rights are owned by <u>Mrs. E. G. Scherr</u>	5 1/2			
Address _____	4 1/2			
Drilling Commenced <u>10-25-77</u>	3			
Drilling Completed <u>11-2-77</u>	2			
Initial open flow <u>100,000</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>1,500</u> cu. ft. per day _____ bbls.				
Well open <u>4</u> hrs. before test <u>1000#</u> RP.				

Well treatment details: Attach copy of cementing record.  
Frac Oriskany open hole w/1000 gal acid, 900 bbl water, 60,000# sand  
P.I. and acid frac 5222-50

1,500 MCF

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Depth 5222-5250

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	500		
Sand			500	578		
Sand & Shale			578	965		
Sand			965	1060		
Sand & Shale			1060	1190		
Sand			1190	1240		
Sand & Shale			1240	1498		
Sand			1498	1838		
Shale			1838	1866		
Big Lime			1866	2041		
Sand (Injun)			2041	2108		
Shale			2108	2504		
Sand (Berea)			2504	2513		
Shale			2513	5110		
Lime			5110	5222		
Sand (Oriskany)			5222	5250		
Lime			5250	5273		

5110  
893  
4217

T. D. (All depths from log)

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

OCT 20 1977

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner E. G. Scherr, Jr.  
Address \_\_\_\_\_  
Mineral Owner Mrs. E. G. Scherr  
Address \_\_\_\_\_  
Coal Owner None  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE 9--29--77  
Company D. C. Malcolm, Inc.  
Address 1006 Commerce Sq., Charleston, W. Va.  
Farm E. G. Scherr Acres 146  
Location (waters) Shanblin Branch  
Well No. 1 Elevation 893  
District Ripley County Jackson  
Quadrangle Kenna

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 2-21-78

INSPECTOR  
TO BE NOTIFIED Richard Morris  
ADDRESS Grantsville, W. Va.  
PHONE 354-7259

Robert T. Joss  
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 March 6 1936 by E. G. Scherr made to United Fuel and recorded on the \_\_\_\_\_ day of Jackson 19\_\_\_\_, in \_\_\_\_\_ County, Book 34 Page 128

\_\_\_\_\_  
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, D. C. Malcolm  
(Sign Name) \_\_\_\_\_  
Well Operator  
1006 Commerce Square  
\_\_\_\_\_  
Charleston, W. Va.  
\_\_\_\_\_  
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

JAC-1423 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."

47-035

Signed by D. C. Malcolm

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 D. C. Malcolm  
 ADDRESS \_\_\_\_\_ ADDRESS 1006 Commerce Sq., Charleston, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 343-9593  
 ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_ ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gr  
 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	150'	150'	Surface
9 - 5/8			
8 - 5/8	2080'	2080'	75 SX
7			
5 1/2			
4 1/2	5175'	5175'	60 SX
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