



Minimum Error of Closure 1 in 200  
 Source of Elevation Elev. of Sattrell No. 1 (location) = 1262

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.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Map No. \_\_\_\_\_  
 Engineer Washburn  
 Squares N 20 E W

Company Ramsco Oil & Gas Corp.  
 Address P.O. Box 99, Bellevue, Ohio  
 Farm Clarence Russell  
 Tract Acres 17 Lease No. \_\_\_\_\_  
 Well (Farm) No. 001 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1262  
 Quadrangle Antwerp SC  
 County Doddridge District Grant  
 Engineer Washburn  
 Engineer's Registration No. 1237  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Nov. 27, 1973 Scale 1" = 200' = 330'

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

**WELL LOCATION MAP**

FILE NO. Draft-1756

+ 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.

47-017



RECEIVED

JAN 23 1974

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

39-30  
② 8-24

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

Quadrangle Centerpoint

Permit No. DOD-1756

Company RAMCO Oil & Gas Corp.  
Address P.O. Box 99, Belpre, Ohio 45714  
Farm Clarence Powell Acres 17  
Location (waters) Buckeye Crk. & Middle Island Crk.  
Well No. 1 Elev. 1263'  
District McClellan County Doddridge  
The surface of tract is owned in fee by George E. Balis  
Address Salem, W. Va. 26426  
Mineral rights are owned by Clarence E. Powell  
Address West Union, W. Va. 26456  
Drilling Commenced 11/29/73  
Drilling Completed 12/9/73  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 391 MCF cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 hrs. before test 560# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			190 sks.
Cond. 13-10"			
9 5/8			
8 5/8	955	955	
7			
5 1/2			
4 1/2		2388	75 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record. Lawson Cementing Co., Inc.

Fractured: DOWELL - 750 bbls. water; 30,000# 20/40 sand; 500# 10/20 sand; 1,000 gals. reg. 15% HCL acid.

Perforations: 2308' to 2352' - 15 holes.

Coal was encountered at 905' Feet 180" Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2300' to 2366'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale		Soft	0	905		
Coal		Soft	905	920		
Shale		Soft	920	927		
Sand and Shale		Soft	927	955		
Sand, Shale, Red Rock		Soft	955	1159		
Sand and Shale		Soft	1159	1914		
Sand		Hard	1914	2178		
Shale		Soft	2178	2201		
Big Lime		Hard	2201	2310		Big Lime 2210'
Big Injun		Hard	2310	2360		Keener 2273'
Shale		Soft	2360	2382		Big Injun 2300'

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

NOV 26 1973

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE November 26, 1973

Surface Owner George E. Balis

Company RAMCO Oil & Gas Corp.

Address Salem, W. Va.

Address P. O. Box 99, Belore, Ohio 45714

Mineral Owner Clarence Powell

Farm Clarence Powell Acres 17

Address West Union, W. Va.

Location (waters) Buckeye Run / Buckeye Creek / Micael Island Ck.

Coal Owner Clarence Powell

Well No. 1 Elevation 1265'

Address West Union, W. Va.

District Grant County Doddridge

Coal Operator None - no coal is being mined

Quadrangle Centerpoint

Address in this area.

INSPECTOR TO BE NOTIFIED Wm. Wm. Blosser  
Box 1028 PH: Fairmont  
Calfax 363-9105  
W.Va. 26566

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 3-26-74

Randall V. Roton  
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 October 23, 1973, by Randall V. Roton made to RAMCO Oil & Gas Corp. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 1973, in Doddridge County, Book \_\_\_\_\_ Page \_\_\_\_\_

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.

Very truly yours,  
(Sign Name) by: Randall V. Roton  
Well Operator

Address  
of  
Well Operator

P. O. Box 99  
Street  
Belore  
City or Town  
Ohio 45714  
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.

BOND DRILL

Dodd-1756 PERMIT NUMBER  
47-017

**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 Haight Brothers Drilling Co. NAME Brad Crouse  
 ADDRESS Smithville, V. Va. ADDRESS P. O. Box 243, West Union, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 873-1745  
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY   x   CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 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			
9 - 5/8			
8 - 5/8	<u>950'</u>	<u>950'</u>	<u>connected to surface</u>
7			
5 1/2			
4 1/2		<u>2400'</u>	<u>350'</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET   no   SALT WATER DEPTHS \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 900'  
 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