



Minimum Error of Closure Lin 200'

Source of Elevation Flt. at mouth of cwn = 931'

- Fracture.....
- 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 the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: *Walter J. [Signature]*
 Squares: N S E W

Map No. _____

Company RAMCO OIL AND GAS CORP.
 Address P.O. Box 99, Belpra, Ohio
 Farm Abraham Talkington
 Tract _____ Acres 161.75 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 958'
 Quadrangle Centerpoint NE
 County Doddridge District McClellan
 Engineer *Walter J. [Signature]*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 13, 1972 Scale 1" = 400' = 660'

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

WELL LOCATION MAP

FILE NO. ~~Do not~~ -1709

+ 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
WELL RECORD

RECEIVED
JUN 5 1973

C. L. B. C. ...
DEPT. OF MINES

Rotary Oil _____
Cable _____ Gas C. NO. L.L.
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Centerpoint
Permit No. DOD-1709

Company RAMCO Oil & Gas Corp.
Address P.O. Box 99, Belpre, Ohio 45714
Farm Abe Talkington Acres 162
Location (waters) _____
Well No. 2 Elev. 958'
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Ralph Ash
Address Reno, Ohio
Mineral rights are owned by Abe Talkington Heirs et al
Address Centerpoint, W. Va.
Drilling Commenced 11/22/72
Drilling Completed 11/29/72
Initial open flow _____ cu. ft. _____ bbls.
Final production 1,500 MCE ft. per day _____ bbls.
Well open 24 hrs. before test 610# 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	251'	251'	75 sks. Parmaco Packer
7		662'	
5 1/2			
4 1/2		2072'	75 sks.
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record. Lawson Cementing Co., Inc.
Fractured - Halliburton - 715 bbls. water; 42,000# 20/40 sand; 500# 10/20 sand;
1,500 gals. 15% HCL acid; perf balls.

Perforated: 1966'- 1976' - 20 holes.

Coal was encountered at 610' - 615' Feet 60" Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1958' - 1983'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface		Soft	0	10		
Lime		Hard	10	65		
Lime & Shale		Soft	65	240		
Lime		Hard	240	265		
Sand & Shale		Soft	265	610		
Coal		Soft	610	615		
Lime & Shale		Soft	615	1844		
Pencil Cave		Soft	1844	1865		
* Big Lime		Hard	1865	1926		
* Keener		Hard	1926	1953		
* Big Injun		Hard	1953	2014		
* Squaw		Hard	2014	2052		
Shale		Soft	2052	2078		
TD			2078			

1865
958
907

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 16 1972

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE November 9, 1972

Surface Owner Abe Talkington Heirs

Company RAMCO Oil & Gas Corp.

Address Centerpoint, W. Va.

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

Mineral Owner Abe Talkington Heirs

Farm Abe Talkington Acres 162-161.75

Address Centerpoint, W. Va.

Location (waters) Talkington Fork

Coal Owner Abe Talkington Heirs

Well No. 2 Elevation 1000' - 958'

Address Centerpoint, W. Va.

District McClellan County Doddridge

Coal Operator None - no coal is being mined

Quadrangle Centerpoint

Address in this area.

INSPECTOR TO BE NOTIFIED Mr. Zim. Blosser
Box 1857 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 3-16-73

Robert L. Todd
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 18, 19 72 by M & M Oil & Gas Co. made to RAMCO Oil & Gas Corp. and recorded on the 1st day of April 19 72, in Doddridge County, Book 95 Page 681

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 Asst. Sect.
Well Operator

Address of Well Operator
P. O. Box 99
Street
Belpre,
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-1709 PERMIT NUMBER
Survey

