

0.565
1/12W

Minimum Error of Closure 1 in 200'

Source of Elevation Elev. at mouth of Beverlin = 823

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..... (Revised)
 Drill Deeper.....
 Abandonment.....

Signed: [Signature]
 Squares: N S E W

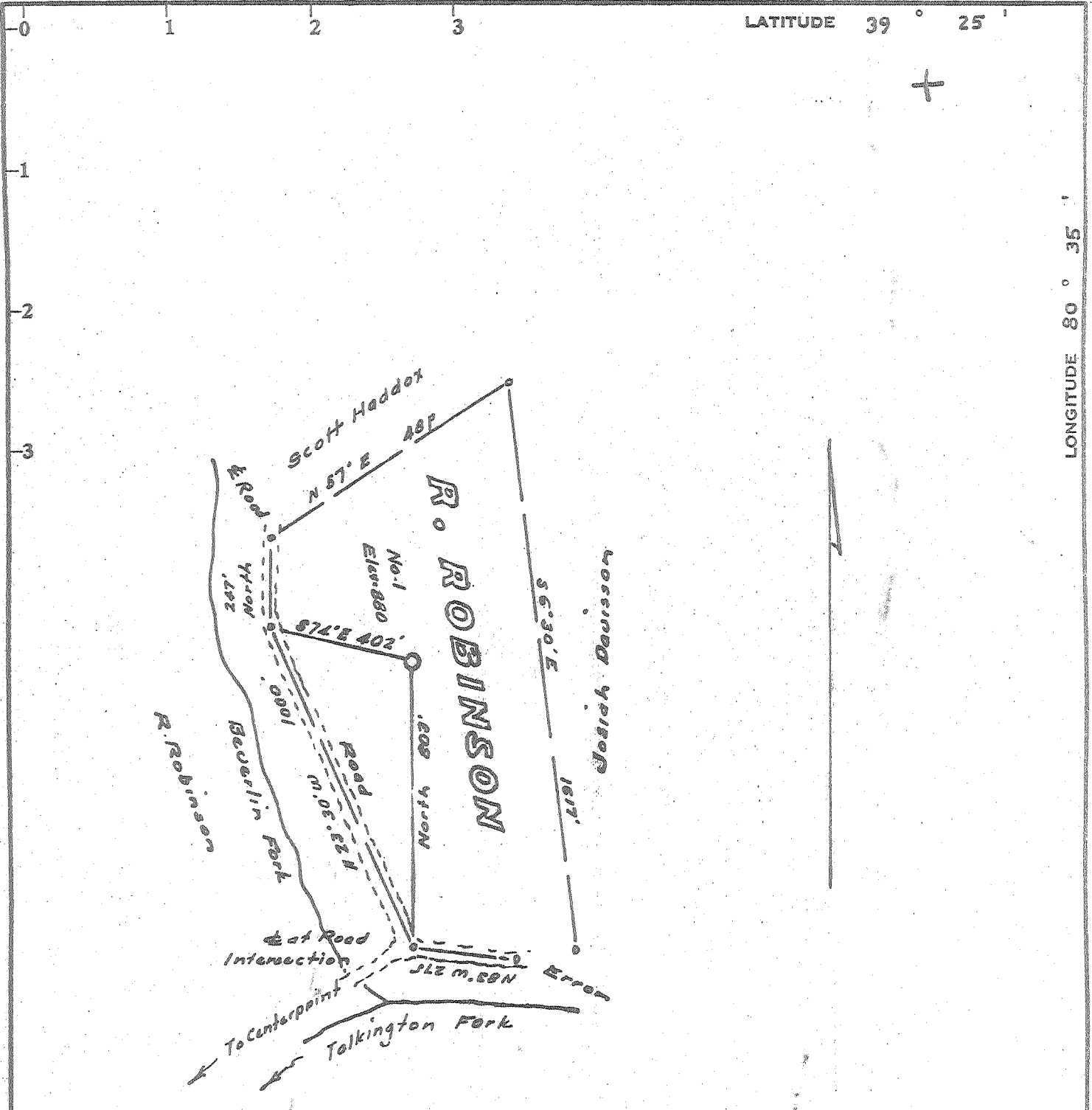
Map No.

Company	<u>Ramco Oil & Gas Corp.</u>
Address	<u>Box 99, Belpre, Ohio</u>
Farm	<u>R. Robinson</u>
Tract	<u>Acres 17.5</u> Lease No. _____
Well (Farm) No.	<u>One</u> Serial No. _____
Elevation (Spirit Level)	<u>880</u>
Quadrangle	<u>Centerpoint C</u>
County	<u>Doddridge</u> District <u>McClellan</u>
Engineer	<u>[Signature]</u>
Engineer's Registration No.	<u>1227</u>
File No.	Drawing No. _____
Date	<u>Dec. 9, 1972</u> Scale <u>1" = 400'</u>

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

WELL LOCATION MAP
 FILE NO. DOD-1716-Rev.

+ 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.



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. at mouth of Bevelin = 823

- 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 & GAS CORP.

Address P.O. Box 99, Belpre, Ohio

Farm R. Robinson

Tract _____ Acres 17.5 Lease No. _____

Well (Farm) No. One Serial No. _____

Elevation (Spirit Level) 880'

Quadrangle Centerpoint C

County Doddridge District McClellan

Engineer Walter J. [Signature]

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date Nov. 23, 1972 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. DOD-1716

+ 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.



RECEIVED

JUN 12 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

39-30
5-4
②

Quadrangle Centerpoint
Permit No. DOD-1716

Rotary Oil _____
Cable _____ Gas HOLD
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company RAMCO Oil & Gas Corp.
Address P. O. Box 99, Belpre, Ohio 45714
Farm R. Robinson Acres 17.5
Location (waters) Bevelin Fork
Well No. 1 Elev. 880'
District McClellan County Doddridge
The surface of tract is owned in fee by R. Robinson Heirs
Address Centerpoint, W. Va.
Mineral rights are owned by R. Robinson Heirs
Address Centerpoint, W. Va.
Drilling Commenced 12/3/72
Drilling Completed 12/11/72
Initial open flow _____ cu. ft. _____ bbls.
Final production 1,100 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			
Cond. 13-10"			
9 5/8			
8 5/8	645'	645'	175 sks.
7			
5 1/2			
4 1/2		1871'	75 sks.
3			
2			
Liners Used			

Well treatment details:

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

Fractured - DOWELL - 585 bbls. water; 32,000# 20/40 sand; 500# 10/20 sand; 500 gals. 15% acid.

Perforated: 1811' - 1821' 10 holes; 1837' - 1841' 4 holes

Coal was encountered at none reported Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1812' - 1847'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime & Shale		Soft	0	50		
Lime		Hard	50	285		
Lime & Shale		Soft	285	765		
Shale & Lime		Soft	765	1180		
Shale & Sand		Soft	1180	1535		
Lime & Shale		Soft	1535	1700		
Pencil Cave		Soft	1700	1724		
* Big Lime		Hard	1724	1781		
* Keener		Hard	1781	1803		
Shale		Soft	1803	1806		
* Big Injun		Hard	1806	1878		
Shale		Soft	1878	1908		
TD			1908			

(over)

* Indicates Electric Log tops in the remarks section.

JUN 29 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 28 1972

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 28, 1972

Surface Owner R. Robinson Heirs

Company RAMCO Oil & Gas Corp.

Address Centerpoint, W. Va.

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

Mineral Owner R. Robinson Heirs

Farm R. Robinson Acres 17.5

Address Centerpoint, W. Va.

Location (waters) General Fr. of Talkington Fork

Coal Owner R. Robinson Heirs

Well No. 1 Elevation 880'

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 Wm. Blosser

Colfax, W.Va. PH: 363-9105

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 3-28-73.

Robert H. Ford
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, RAMCO Oil & Gas Corp.
(Sign Name) by: Radell V. Rator, Dist. Sec.
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 ORILL

DOD-1716

PERMIT NUMBER

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 Gardan Drilling Co. NAME Brad Crouse
 ADDRESS Salem, Illinois ADDRESS Rt. 1, Box 174, Grantsville, W.Va.
 TELEPHONE _____ TELEPHONE (304) 354-7657
 ESTIMATED DEPTH OF COMPLETED WELL: 2055' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 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			
9 - 5/8			
8 - 5/8	200'	200'	200'
7			
5 1/2			
4 1/2		2055'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 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