

Minimum Error of Closure 1 in 200  
 Source of Elevation U.S.G.S. elev at road 1000' west = 911'

- 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: [Signature]  
 Squares: N S E W

Map No.

Company RAMCO OIL & GAS CO.  
 Address P.O. Box 99, Belpre, Ohio, U.S.A.  
 Farm James Dye  
 Tract \_\_\_\_\_ Acres 65.75 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 922  
 Quadrangle Centerpoint NE  
 County Doddridge District McClellan  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 8, 1972 Scale 1" = 300' = 495'

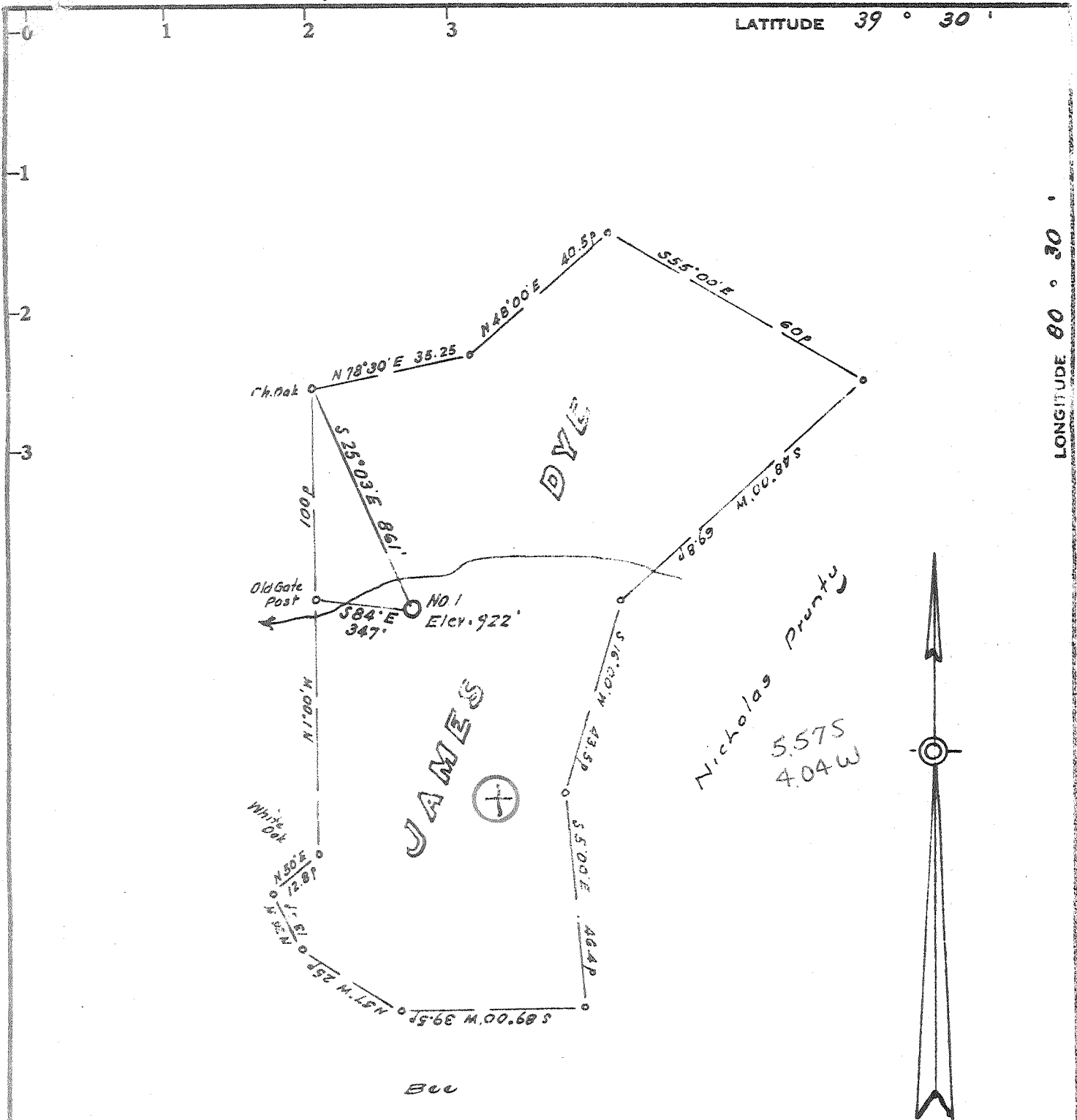
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**

FILE NO. Rodd-1690

+ 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 U.S.G.S. elev at road 1000' west = 911'

Fracture   
 New Location   
 Drill Deeper   
 Abandonment  8-1-75

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: W. H. Hester  
 Squares: N S E W

Map No.

Company RAMCO OIL & GAS CO.  
 Address P.O. Box 99, Belpre, Ohio, U.S.A.  
 Farm James Dye  
 Tract \_\_\_\_\_ Acres 65.75 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 922  
 Quadrangle Centerpoint NE  
 County Doddridge District McClellan  
 Engineer W. H. Hester  
 Engineer's Registration No. 1221  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 8, 1972 Scale 1" = 300' = 495'

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

WELL LOCATION MAP

FILE NO. Road-1690-P

+ 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

SEP 5 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 August 31, 1972

Surface Owner Mary B. Davis, Agent  
Address New Martinsville, W. Va.  
Mineral Owner Mary B. Davis, Agent  
Address New Martinsville, W. Va.  
Coal Owner Mary B. Davis, Agent  
Address New Martinsville, W. Va.  
Coal Operator None - no coal is being mined  
Address in this area.

Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belore, Ohio 45714  
Farm James Dye Acres 65.75  
Location (waters) Sycamore Tallington Fork  
Well No. 1 Elevation 922'  
District McClellan County Doddridge  
Quadrangle Centerpoint

INSPECTOR TO BE NOTIFIED Mr Wm. Blosser  
Box 1857 PH: Fairmont  
Calfax 363-9105  
WVA-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 1-5-73

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 February 10, 1972 by James F. Scott made to RAMCO Oil & Gas Corp. and recorded on the 10th day of February 1972, in Doddridge County, Book 95 Page 619

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: Neil Rudder  
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.

Dodd-1690 PERMIT NUMBER

*Survey*

**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 Mark Snow NAME Brod Cruise

ADDRESS Salem, W Va ADDRESS Rt 1 Box 174 Grantville W Va

TELEPHONE (304) 722-1356 TELEPHONE (304) 354-7687

ESTIMATED DEPTH OF COMPLETED WELL: 2,055' 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	180'	180'	180'
7			
5 1/2		2055'	350'
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER                    FEET

APPROXIMATE COAL DEPTHS none

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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Centerpoint

Permit No. DOD-1690

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

Company Ramco Oil & Gas Corp.  
Address P.O.Box 99, Belpre, Ohio  
Farm James Dye Acres 65.75  
Location (waters) Talkington Fork  
Well No. 1 Elev. 922'  
District McClellan County Doddridge  
The surface of tract is owned in fee by Mary B. Davis  
Address New Martinsville, W.Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling Commenced 9/21/72  
Drilling Completed 9/23/72  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 400,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 hrs. before test 520# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 3-10"			
9 5/8			
8 5/8	205'	205'	50 cu. ft.
7			
5 1/2			
4 1/2		2053'	75 sks.
3			
2			

Liners Used \_\_\_\_\_

Well treatment details: Attach copy of cementing record. Halliburton Lawson  
Fractured - Halliburton - 860 bbls. water; 33,000# 20/40 sand;  
750 gals. regular 15% acid.

Perforations: 1894' - 1900' - 9 holes; 1914' - 1916' - 4 holes.

Coal was encountered at none reported Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 1889' - 1904'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface		Soft	0	72		
Sand & Shale		Soft	72	216		
Sand		Hard	216	571		
Shale, Sand & Red Rock		Soft	571	1265		
Sand & Shale		Soft	1265	1453		
Sand & Shale		Soft	1453	1808		
* Big Lime		Hard	1808	1888		
* Big Injun		Hard	1888	1910		
* Squaw		Hard	1910	1972		
Shale		Soft	1972	2050		
TD			2050			

1808  
922  
886

(over)

\* Indicates Electric Log tops in the remarks section.