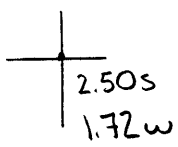


40°05'00"

Latitude

86°30'00"

Longitude



Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Ramco O+G Corp

Farm Merle McCorn #1

15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Valley Grove

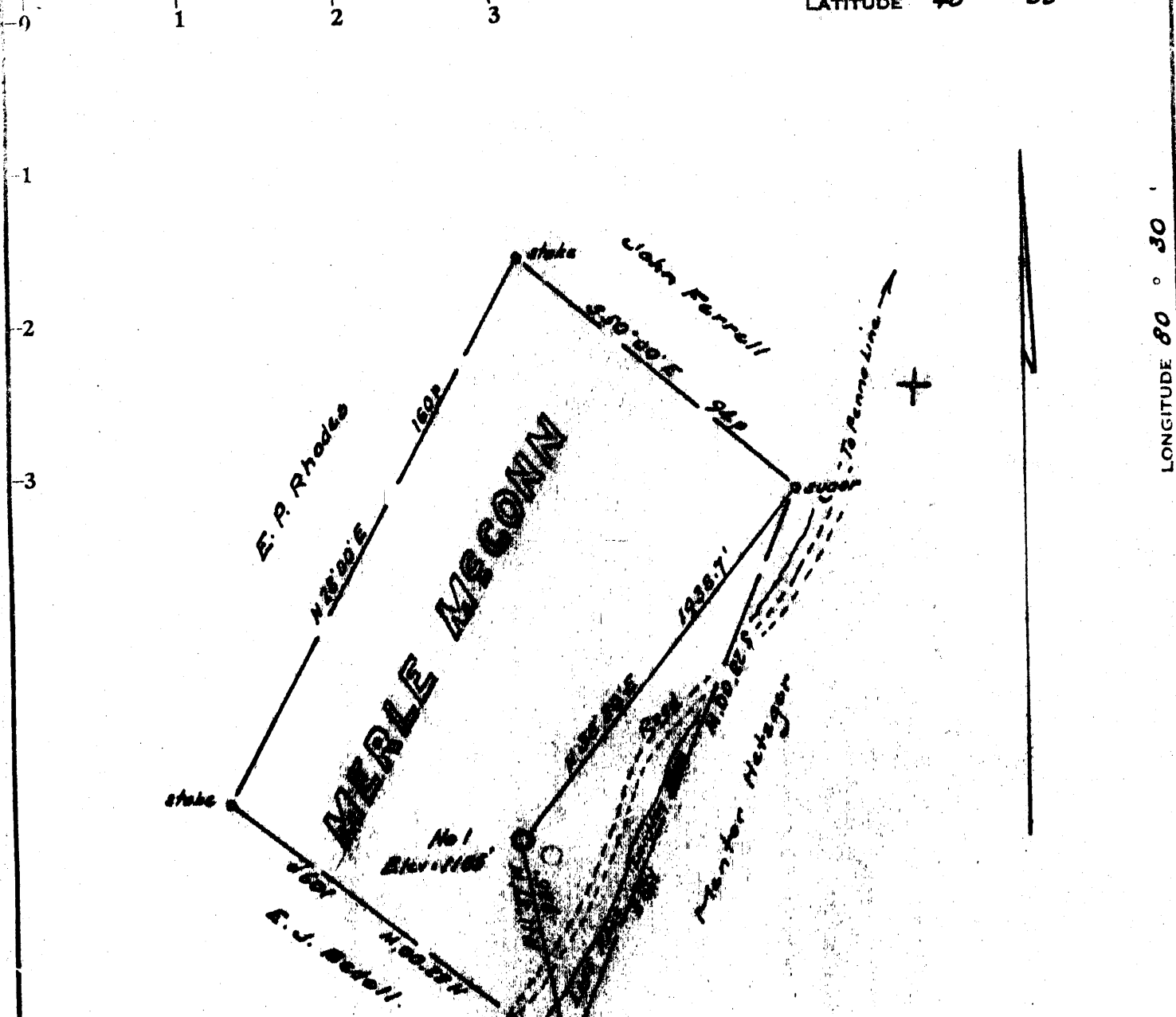
District Taladelphia

**WELL LOCATION PLAT**

County 069 Permit 22-P

4-18-72 1084

LATITUDE 40° 05'



LONGITUDE 80° 30'

Note:- Well to be drilled on location made by Valley Camp Coal Company.

Minimum Error of Closure 1 in 2000

Source of Elevation B. M. at State Coal School - 958'

Fracture   
 New Location   
 Drill Deeper   
 Abandonment  issued 4/5/72

Surveyed by [Signature]  
 Squares: N S E W

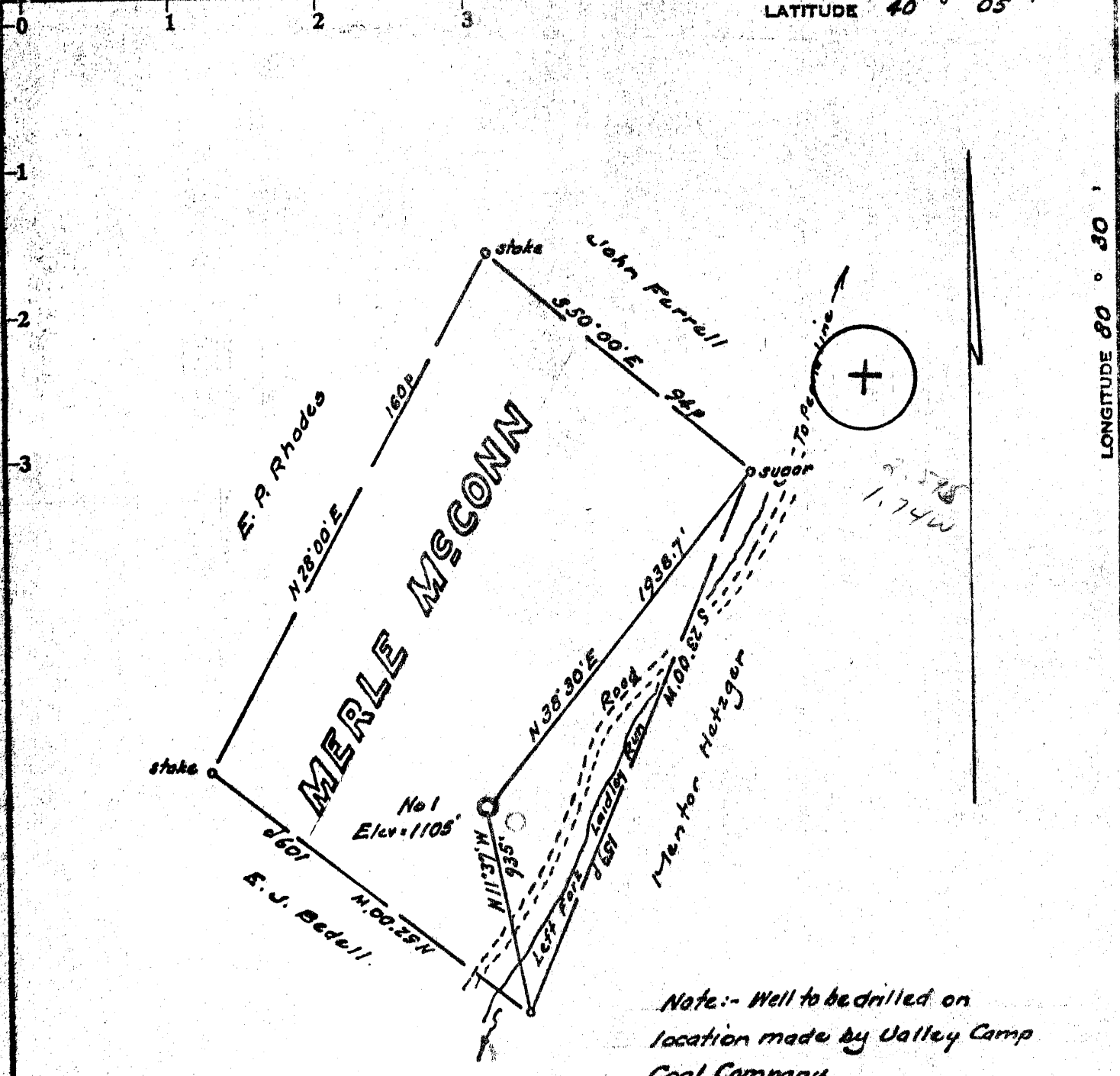
Company RAMCO OIL & GAS CORP.  
 Address PO Box 90, Salons, Ohio  
 Farm Merle McCoy  
 Tract \_\_\_\_\_ Acres 108.2 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1105  
 Quadrangle Whaling SE  
 County Ohio District Franklin  
 Engineer [Signature]  
 Engineer's Registration No. 1237  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 17, 1972 Scale \_\_\_\_\_

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

**WELL LOCATION MAP**

FILE NO. OHIO-22-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.



Minimum Error of Closure 1 in 2500'

Source of Elevation B.M. at Middle Creek School = 958'

- 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: W. H. Bell  
Squares: N S E W

Company RAMCO OIL & GAS CORP.  
 Address PO Box 99, Belpre, Ohio  
 Farm Merle McConn  
 Tract \_\_\_\_\_ Acres 100± Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1105  
 Quadrangle Wheeling SE  
 County Ohio District Tadepolia  
 Engineer W. H. Bell  
 Engineer's Registration No. 1237  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 17, 1972 Scale \_\_\_\_\_

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

WELL LOCATION MAP

FILE NO. OHIO - 22

+ 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**

SEP 5 1972

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

**Oil and Gas Division**

**WELL RECORD**

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable  Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Status \_\_\_\_\_  
Disposal \_\_\_\_\_ **Dry** (Kint)

AC-11  
a-34  
Quadrangle Wheeling - 15'  
Valley Grove - 7 1/2'  
Permit No. Ohio-22

Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belpre, Ohio 45714  
Farm M. McConn Acres 103  
Location (waters) Middle Wheeling Creek  
Well No. 1 Elev. 1100'  
District Tridelpia County Ohio  
The surface of tract is owned in fee by \_\_\_\_\_  
Merle McConn  
Address Dallas Pike, W. Va.  
Mineral rights are owned by Merle McConn et al  
Address Dallas Pike, W. Va.  
Drilling Commenced 5/31/72  
Drilling Completed 8/18/72  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>2000 18"</u>			
Cond. <u>10-10"</u>	<u>22'</u>		
<u>9 5/8</u>	<u>573'</u>	<u>573'</u>	<u>235 sks.</u>
<u>8 5/8</u>	<u>1211'</u>		
<u>7</u>	<u>1705'</u>		
<u>5 1/2</u>			
<u>4 1/2</u>			
<u>3</u>			
<u>2</u>			
Liners Used			

**Lawson Oil & Gas Well Cementing Co., Inc.**  
Attach copy of cementing record.

Coal was encountered at 533 - 539 Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water 1300', 1470', 1827', 1837' Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	2		
Clay			2	10		
Lime			10	20		
Slate			20	35		
Lime			35	50		
Slate			50	55		
Lime			55	125		
Slate			125	145		
Lime			145	155		
Slate			155	165		
Lime			165	195		
Slate			195	220		
Lime			220	250		
Slate			250	327		
Lime			327	357		
Slate			357	367		
Lime			367	445		
Slate			445	475		
Lime			475	510		
Slate			510	514		

(over)

\* Indicates Electric Log tops in the remarks section.

SEP 18 1972

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime			514	522		
Slate			522	533		
Coal			533	539		
Slate			539	610		
Red Rock			610	620		
Lime			620	660		
Red Rock			660	664		
Lime			664	710		
Sand			710	750		
Slate			750	825		
Red Rock			825	832		
Slate			832	840		
Red Rock			840	850		
Slate			850	895		
Red Rock			895	900		
Slate			900	905		
Lime			905	922		
Slate			922	995		
Sand			995	1015		
Slate			1015	1030		
Lime			1030	1060		
Sand			1060	1085		
Slate			1085	1095		
Lime			1095	1155		
Slate			1155	1163		
Sand			1163	1215		
Lime			1215	1255		
Sand			1255	1290		
Slate			1290	1296		water 1300' - 10 gallon per hour
Sand			1296	1350		
Slate			1350	1375		
Sand			1375	1415		
Slate			1415	1450		water 1470' - hole full
Sand			1450	1540		
Slate			1540	1570		
Lime			1570	1590		
Slate			1590	1630		water 1827'-1837' 5 gallon per hour
Sand			1630	1938		
Slate			1938	2042		
Sand			2042	2048		
Slate			2048	2210		
Sand			2210	2220		
Slate			2220	2275		
Sand			2275	2295		Bare gas & oil 2280' (smell only)
Slate			2295	2365		
Red Rock & Slate			2365	2460		
Slate & Sand			2460	2470		
Slate & Red Rock			2470	2591		
Slate & Sand			2591	2622		
Slate			2622	2643		
Slate & Sand			2643	2661		
Slate & Red Rock			2661	2683		
Slate & Sand			2683	2697		
Slate			2697	2738		
Slate & Sand			2738	3478		
TD			3478			Upper Devonian Shales

$$\begin{array}{r} 1630 \\ 1105 \\ \hline 525 \end{array}$$
  

$$\begin{array}{r} 2275 \\ 1105 \\ \hline 1170 \end{array}$$
 Rec.

Date August 29, 19 72

APPROVED RAMCO Oil & Gas Corp., Owner

By Neal R. ..., President  
(Title)

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Valley Camp Coal <small>COAL OPERATOR OR OWNER</small> Valley Grove, West Virginia <small>ADDRESS</small> Valley Camp Coal <small>COAL OPERATOR OR OWNER</small> Valley Grove, West Virginia <small>ADDRESS</small> Merle McConn <small>LEASE OR PROPERTY OWNER</small> Dallas Pike, West Virginia <small>ADDRESS</small>	RAMCO OIL & GAS CORP. <small>NAME OF WELL OPERATOR</small> P.O. BOX 99, Belpre, Ohio <small>COMPLETE ADDRESS</small> Sept. 23 1972 <small>WELL AND LOCATION</small> Tridelphia District Ohio County Well No. # 1 M. Mc conn Farm
--	---

STATE INSPECTOR SUPERVISING PLUGGING Arthur Null, Box 296, Hundred, W. Va. 26575

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of WOOD } ss:

Lawson Oil and Gas Well Cementing Co., Inc.  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Ramco Oil & Gas Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 20th day of Sept., 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL		PLUGS USED SIZE & KIND	CASING	
	o'	TO		CSG PULLED	CSG LEFT IN
	20'	To	20' Cement		
	20'	To	560' Gel		
	560'	To	580' Cement	20'	
	580'	To	1180' Gel		
	1180'	To	1220' Cement	60'	
	1220'	To	1425' Gel		
	1425'	To	1450' Cement	25'	
	1450'	To	1700' Gel		
	1700'	To	1750' Cement	50'	
	1750'	To	2220' Gel		
	2220'	To	2255' Cement	35'	
COAL SEAMS (NAME)			DESCRIPTION OF MONUMENT 10" casing filled with cement		
(NAME)					
(NAME)					
(NAME)					

and that the work of plugging and filling said well was completed on the 21st. day of Sept., 1972

And further deponents saith not.

Sworn to and subscribed before me this 25th day of September, 1972

My commission expires:  
MARCH 26 Th 1979

*Karl Church*  
*Ronnie Church*  
*Gred S. Ingram Jr*  
Notary Public.  
Permit No. Ohio 22-P



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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APR 18 1972

*add*  
OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Merle McConn  
Address Dallas Pike, W. Va.  
Mineral Owner Merle McConn et al  
Address Dallas Pike, W. Va.  
Coal Owner Valley Camp Coal  
Address Valley Grove, W. Va.  
Coal Operator Valley Camp Coal  
Address Valley Grove, W. Va.

DATE April 17, 1972  
Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belpre, Ohio 45714  
Farm M. McConn Acres 103  
Location (waters) Middle Wheeling Creek  
Well No. 1 Elevation 1100'  
District Tridelpia County Ohio  
Quadrangle Valley Grove 7 1/2 Wheeling -15'

INSPECTOR TO BE NOTIFIED Mr Arthur Null  
Box 296  
Hundred Wgs. PH: 775-5611  
26515

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 August 18, 1972

Robert L. Bell

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 January 24, 1972 by Columbia Gas Transmission Corp. made to RAMCO Oil & Gas Corp. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ 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, RAMCO Oil & Gas Corp.  
(Sign Name) Neal Rudder, President  
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

Ohio-22 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 John Mossor NAME Brad Crouse  
 ADDRESS Harrisville, W. Va. ADDRESS Grantsville, W. Va.  
 TELEPHONE (304) 643-2155 TELEPHONE (304) 354-7657  
 ESTIMATED DEPTH OF COMPLETED WELL: 3000' ROTARY \_\_\_\_\_ CABLE TOOLS   
 PROPOSED GEOLOGICAL FORMATION: Fourth Sand  
 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	20	20	
13 - 10	600	600	125 sacks
9 - 5/8			
8 - 5/8	1400	1400	100 sacks
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 305'  
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Valley Camp Coal Co.

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