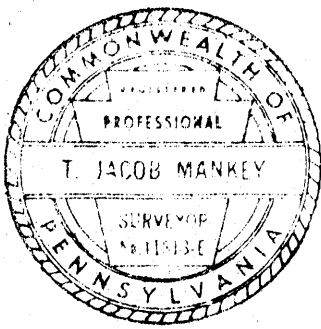


RALPH WESTFALL  
Tract No. 1  
70Ac.

S 59° 06' 30" W 1006.10'  
S 2° 30' W 935.55'  
N 63° 03' W 922.73'

N/F  
D. S. Reed



COAL OWNED BY The Valley Camp Coal Company

- NEW LOCATION
- RECONDITION
- 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."  
Minimum degree of accuracy is one part in 3000

Signed T. Jacob Mankey

COMPANY MICOA, INC  
 ADDRESS WESTON, W. VIRGINIA  
 FARM RALPH WESTFALL  
 MAP \_\_\_\_\_ ACRES 70 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. 1 SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 1221.50'  
 QUADRANGLE WHEELING, W. VA. - 0 - PA. SE  
 COUNTY OHIO DISTRICT TRIADDELPHIA  
 POINT OF PROVEN ELEVATION B.M. 610 - 1302.87' on I-70 & B.M. 611 - 1301.28' on I-70 (Eastern Lane)  
 FILE NO. Bk. 95 - Pg. 9 DRAWING NO. W-155  
 DATE August 1968 SCALE 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. OHIO-18-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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 14

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Wheeling

Permit No. OHIO 18

**WELL RECORD**

Oil or Gas Well Dry  
(KIND)

Company Nicoa, Inc.  
Address Box 105 Weston, West Virginia  
Farm Ralph Westfall Acres 70

Location (waters) \_\_\_\_\_  
Well No. # 1 Elev. 1221.5

District Triadelphia County Ohio

The surface of tract is owned in fee by Ralph Westfall  
Address Whelling, W. Va.

Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling commenced September 18, 1968

Drilling completed November 14, 1968

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume Show \_\_\_\_\_ Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) \_\_\_\_\_

WELL FRACTURED (DETAILS) Yes

RESULT AFTER TREATMENT (Initial open Flow or bbls.) None

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS

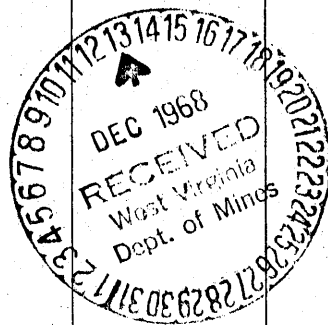
Fresh Water 60' 730' Feet

Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	19'	Pulled	
13	120'	Pulled	
10	643'	Cemented	Size of
8 1/4	969'	Pulled	
6 5/8	1953'	Pulled	Depth set
5 3/16			
4 1/2	2392'	Cemented	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 2392' No. Ft. NOV. 26 Date  
Amount of cement used (bags) 35 sks. Cement 10 Gel  
Name of Service Co. LAWSON Cementing Co.  
COAL WAS ENCOUNTERED AT 596 FEET 84 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	12			
Shale			12	45			
Lime			45	50			
Sandy Shale			50	101	Water	50'	
Lime			101	122			
Shale			122	130			
Lime			130	145			
Shale & Lime			145	175			
Shale			175	238			
Lime			238	248			
Shale			248	265			
Lime			265	282			
Shale			282	287			
Lime			287	369			
Sand			369	394			
Lime			394	505			
Shale			505	527			
Lime			527	589			
Shale			589	596			
Coal			596	603			
Shale & Lime			603	643			
Shale			643	649			
Red Rock			649	664			
Slate & Shells			664	698			
Lime			698	710			
Slate & Lime			710	730			
Sand			730	787	Water	730'	
Lime			787	830			
Shale & Red Rock			830	848			
Shale			848	878			



(over)

DEC 31 1968

Formation	Color	Hard or Soft	Top /ft	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			848	972			
Slate Sandy			972	1018			
Lime			1018	1040			
Slate & Lime			1040	1082			
Slate			1082	1095			
Sand			1095	1145	Gas	1130'	
Slate & Lime			1145=	1192			
Slate Sandy			1192	1242			
Sand			1242	1281			
Slate			1281	1392			
Lime			1392	1418	Gas	1392'	
Sand			1418	1437			
Slate & Shells			1437	1510			
Sand			1510	1615	Water	1610'	
Slate			1615	1631			
Lime Sandy <i>Big Lime</i>			1631	1651			
Slate & Lime			1651	1671			
Sand			1671	1708			
Sand & Slate <i>Big</i>			1708	1719			
Sand			1719	2006			
Slate Sandy			2006	2065			
Slate & Shells			2065	2263			
Sand			2263	2285			
Slate			2285	2325			
Sand <i>Berea</i>			2325	2350			
Slate			2350	2366			
Sand <i>Gantz</i>			2366	2375			
Slate			2375	2394			
Sand & Slate			2394	2404			
			TD	2404			
<p>November 14, 1968 Well was logged by Allegheny Nuclear Surveys, Inc. Gamma-Neutron-Density-Caliper-Temp.</p> <p>November 16, 1968 4 1/2" casing was run to 2392' and cemented with 35 sks. Cement 10 sks. Gel Lawson Cementing Co.</p> <p>December 10, 1968 Well was perforated by Allegheny Nuclear Surveys, Inc. 2336 to 2338 12 holes.</p> <p>Well was fractured by Halliburton Company 500 bbls. Treated Water 12,000 Sand 500 gals. Acid.</p> <p><i>PI rpt 12/20/68 says fract interval is Berea</i></p>							

Date December 12, 1968, 19

APPROVED MICOA, INC., Owner

By *Jerry Mason*  
(Title)