

Note Valley Camp Coal Co. co-ordinates
 N 101,724.89
 E 120,479.15

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 5000

Signed Chas. C. McCall No. 5121
 W. Va.

COMPANY <u>MICOA, INC.</u>	
ADDRESS <u>WESTON, W. VIRGINIA</u>	
FARM <u>Wm. B. & KATHERINE M. COX</u>	
MAP _____	ACRES <u>44.68</u> LEASE NO. _____
WELL (FARM) NO. _____	SERIAL NO. _____
ELEVATION (SPIRIT LEVEL) <u>1226.8'</u>	
QUADRANGLE <u>WHEELING, W. VA. - O. - PA.</u>	
COUNTY <u>OHIO</u>	DISTRICT <u>TRIADELPHIA</u>
POINT OF PROVEN ELEVATION <u>B. M. 525 - 1245.25' on Inter. 70</u>	
FILE NO. <u>Bk. 65 - Pg. 26-27</u>	DRAWING NO. <u>W-153</u>
DATE (REV.) <u>June 12, 1968</u>	SCALE <u>1" = 300'</u>

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. OH10-17

+ 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 9

Rotary
Spudder
Cable Tools
Storage

Quadrangle Whelring
Permit No. OHIO 17

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Micoa, Inc.
Address Box 105 Weston, West Virginia
Farm Wm. B. & Katherine Cox Acres 44.68
Location (waters) _____
Well No. # 1 Elev. 1226
District Triadelphia County Ohio
The surface of tract is owned in fee by Wm. B. & Katherine Cox
Address Triadelphia, W. Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	156	Pulled	
10	628	Cemented	Size of
8 1/4	1186	Pulled	
6 3/8	1716	Pulled	Depth set
5 3/16			
4 1/2	2400	Cemented	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

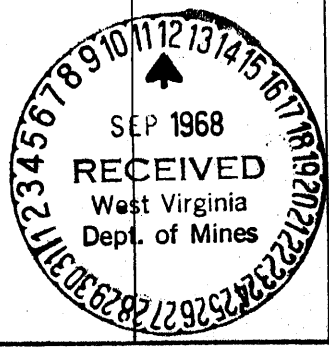
Drilling commenced June 18, 1968
Drilling completed XXXX August 8, 1968
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2400 No. Ft. Aug. 13, 1968
Amount of cement used (bags) 240 sks. Cement 10 gal
Name of Service Co. Lawson Cementing Co.
COAL WAS ENCOUNTERED AT 589 FEET 96 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) Yes

RESULT AFTER TREATMENT (Initial open Flow or bbls.) (964,000) 964 McF
ROCK PRESSURE AFTER TREATMENT 390 HOURS 16 hrs.
Fresh Water 32' Feet Salt Water 1339' 1859' Feet
Producing Sand Berea, Salt Sand Depth 2330' 1228'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	20			
Shale			20	90	Water	32'	
Lime			90	102			
Shale & Lime			102	113			
Lime			113	128			
Slate			128	150			
Lime			150	172			
Shale			172	180			
Lime			180	195			
Slate			195	238			
Lime			238	269			
Slate			269	274			
Slate			274	339			
Lime			339	365			
Shale			365	384			
Lime			384	497			
Shale			497	516			
Lime			516	564			
Slate & Coal			564	569			
Lime			569	583			
Slate & Lime			583	589			
Coal			589	597			
Slate & Lime			597	660			
Red Rock & Shale			660	666			
Sandy Lime			666	675			
Shale			675	708			
Lime			708	716			
Slate & Shells			716	765			
Sand			765	805			



(over)

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			805	818			
Red Rock			818	825			
Lime			825	834			
Shale			834	854			
Red Rock & Shale			854	880			
Lime			880	890			
Red Rock & Slate			890	941			
Lime			941	952			
Slate & Shells			952	995			
Sandy Slate			995	1021			
Lime, Sandy			1021	1049			
Salte & Shells			1049	1054			
Lime			1054	1061			
Sand			1061	1085			
Slate Sandy			1085	1095			
Sand			1095	1150	Gas	1106'	
Slate & Lime			1150	1218			
Sand			1218	1258	Gas	1228'	
Slate Sandy			1258	1339			
Sand			1339	1405	Water	1339'	
Salte			1405	1420			
Sand			1420	1485			
Slate & Shale			1485	1495			
Sand			1495	1614			1661
Lime (Little)			1614	1625			1226
Slate Sandy			1625	1637			435
Sand			1637	1661			
Lime (Big)			1661	1686			
Sand			1686	1818			
Slate			1818	1833			
Sand			1833	1893	Water	1859'	
Salte			1893	1903			
Sand			1903	1980	Gas	1911'	
Slate Sandy			1980	2195			
Slate & Shells			2195	2258			
Sand			2258	2280			
Slate			2280	2327			
Sand			2327	2336	Gas	2334'	
Slate			2336	2343			
Sand			2343	2351			
Slate			2351	2425			
			TD	2425			
August 8, 1968							
Well was logged by Allegheny Nuclear Surveys.							
Gamma-Neutron-Density-Caliper-Temp.							
August 13, 1968							
Well was cemented by Lawson Cementing Co.							
2400' of 4 1/2" Casing was run and cemented with 240 sks. Pozmix and 10 sks. Gel.							
September 5, 1968							
Well was perforated by Allegheny Nuclear Surveys.							
10 holes 2330 To 2332 Berea.							
10 holes 1224 to 1226 Salt Sand.							
Well Was Fractured by Dowell.							
Berea							650 bbls. Treated water
							600 gals. Acid
							15,000 # Sand
Salt Sand							350 bbls. Treated Water
							500 gals. Acid
							14,000 # Sand.

Date September 10, 19 68

APPROVED Micoa, Inc., Owner

By Jerry Mason
(Title)