

Minimum Error of Closure $\frac{1}{2,000}$

Source of Elevation Road Xing R.R. 1/2 Mi. ± SW. of Loc. = Elevation 926

- 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: Paul H. Dean

Map No. _____ Squares: N S E W

Company W. L. STEVENS & CO. Structural Lenders
 Address 211 Market Street, Weston, W. Va.
 Farm L.S. FLEMING 25276
 Tract 1 Acres 3 1/8 ± Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 952
 Quadrangle WEST UNION SC
 County DODD District CENTRAL
 Engineer Paul H. Dean
 Engineer's Registration No. 1856
 File No. 136-9-15 Drawing No. 66-113
 Date Nov. 28, 1966 Scale 1" = 200'

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

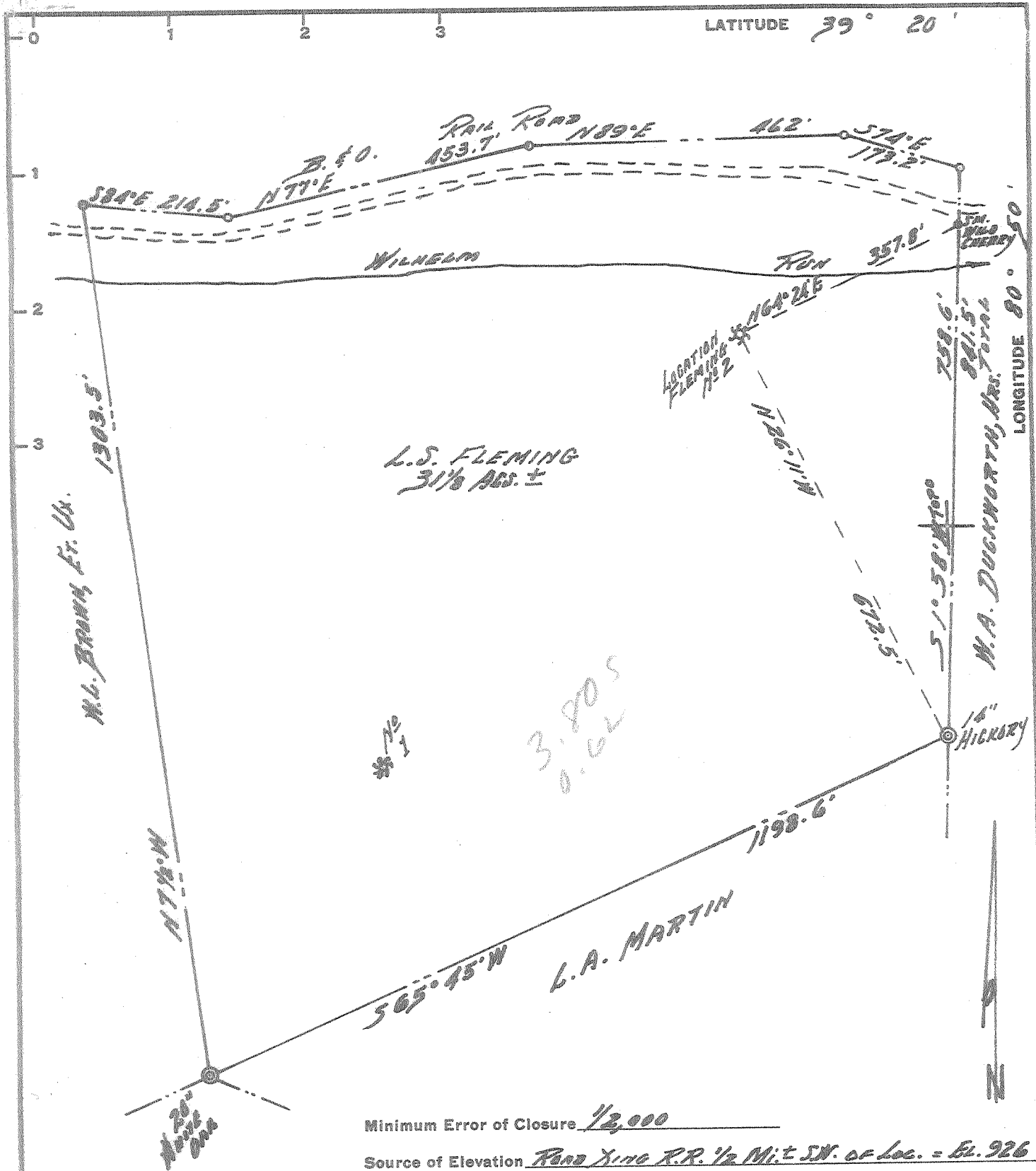
WELL LOCATION MAP

FILE NO. DOD-1426-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



Minimum Error of Closure $\frac{1}{2,000}$

Source of Elevation RAND KING R.R. 1/2 Mi. ± SW. of Loc. = E.L. 926

- 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: Paul H. Dean

Map No. _____

Squares: N S E W

Company MICOA INC.
 Address 211 WATER STREET, WESTON, W.VA.
 Farm L.S. FLEMING
 Tract 1 Acres 3 1/8 ± Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 952
 Quadrangle WEST UNION S.C.
 County DODD District CENTER
 Engineer Paul H. Dean
 Engineer's Registration No. 1856
 File No. 136-9-15 Drawing No. 66-113
 Date Nov. 28, 1966 Scale 1" = 200'

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

WELL LOCATION MAP

FILE NO. DOD-1426

+ 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

Rotary
Spudder
Cable Tools
Storage

Quadrangle West Union

Permit No. DOD 1426

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Micoa, Inc.
Address Box 105 Weston, W. Va.
Farm L. S. Fleming Acres 31
Location (waters) Wilhelm Run
Well No. 2 Elev. 952'
District Central County Doddridge
The surface of tract is owned in fee by Ella Graham
Address West Union, 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	15	15	
10	541	Pulled	Size of
6 3/4	1003	Pulled	
5 3/16			Depth set
3 4 1/2"	2062	2062	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced January 5, 1967
Drilling completed January 31, 1967
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 47,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Shaw bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED 4 1/2" SIZE 2062 No. Ft. 2/1/67 Date

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

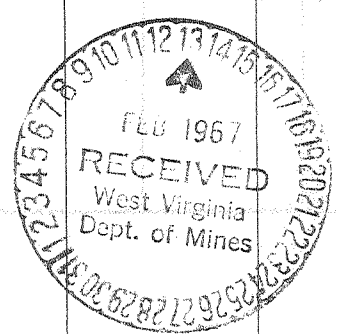
WELL FRACTURED 2/6/67 by Halliburton Co. with 480 bbls. treated water, 15,000 # Sand, 500 gals, Acid.

RESULT AFTER TREATMENT 10 bbls. and 120 MCF *Big Injun*

ROCK PRESSURE AFTER TREATMENT 440 # 24 hrs.

Fresh Water 10 Feet Salt Water 495, 1445 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rocks			0	12			
Red Rock			12	15			
Sand			15	55			
Slate			55	60			
Red Rock			60	100			
Sand			100	112			
Slate			112	157			
Sand			157	185			
Red Rock			185	197			
Sand			197	216			
Red Rock			216	310			
Sandy Lime			310	314			
Slate & Lime			314	349			
Sandy Slate			349	374			
Red Rock			374	392			
Sandy Lime			392	402			
Red Rock			402	463			
Sand			463	538	Water	495'	
Sandy Slate			538	543			
Lime			543	583			
Slate & Shells			583	608			
Lime			608	638			
Red Rock			638	642			
Sandy Slate			642	700			
Slate & Shells			700	719			
Sandy Lime			719	752			
Red Rock			752	804			
Sandy Lime			804	825			
Red Rock			825	849			



Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Lime			849	860			
Sand			860	926			
Slate			926	943			
Red Rock			943	972			
Lime			972	988			
Sandy Slate			988	1014			
Red Rock			1014	1020			
Slate & Lime			1020	1075			
Sand			1075	1113			
Sand Slate			1113	1136			
Sand			1136	1158			
Sand Slate			1158	1332			
Sand			1332	1354			
Sand Broken			1354	1375			
Sand			1375	1516	Water	1445'	
Shale			1516	1531			
Sandy Slate			1531	1640			
Sand			1640	1702			
Sandy Slate			1702	1825			
Red Rock			1825	1840			
Shale			1840	1845			
Lime (Little)			1845	1871			
Sand (Blue Monday)			1871	1875			
Lime (Big)			1875	1961			
Sand			1961	1983	Oil	1961'	
Sandy Lime			1983	2006			
Sand			2006	2038			
Shale			2038	2062			
			TD	2062			

Date Feb. 13, 1967

APPROVED Micos, Inc., Owner

By Jerry Masoner
(Title)