

LATITUDE 40° 10' 00"

80° 30' 00"

LONGITUDE



7'5 OGIS topo location

7.5' loc 1.795 15' loc _____
 1.53 w (calc.) _____

Company LM Insulin

Farm JM Rodgers #1

Quad BETHANY 7 1/2'

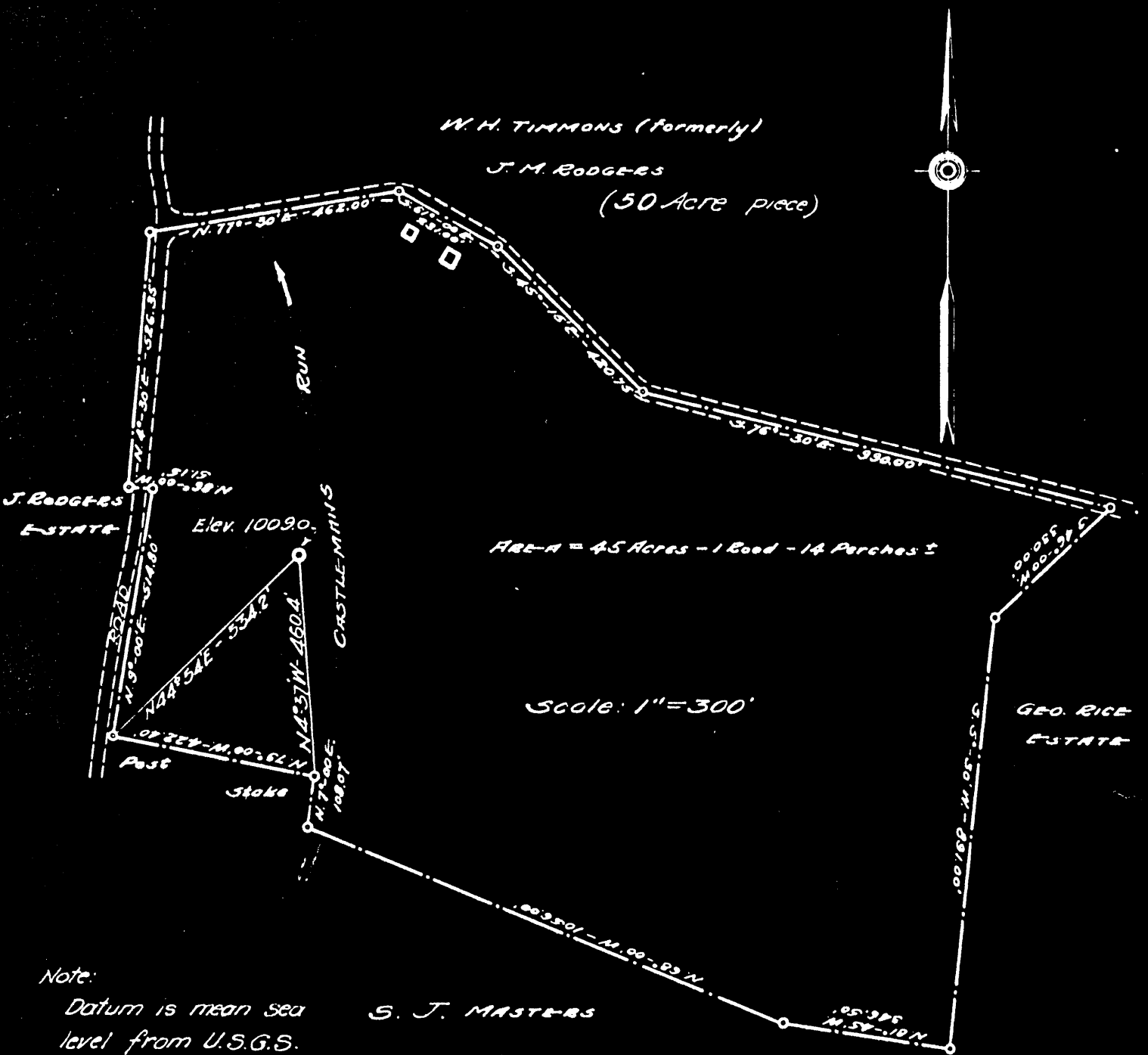
County OHIO

District LIBERTY

WELL LOCATION MAP

File No. 069-0002

Plot of the Proposed Location of Well No. 242 of the
 _____ of _____ on the
 J. MILTON RODGERS Farm, consisting of 45 Acres
 Located in LIBERTY District, OHIO County.



ENGINEER'S CERTIFICATE

I, the undersigned, hereby certify that this Map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of W. VIRGINIA.

 ENGINEER

Acknowledged before me on _____ at _____
 _____, this _____ day of _____ 1929.

D. C. Morrow, Engineer
 Washington, Pa

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

File No. _____

Well No. 1

L.M. IRWIN

Company, of Avella, Pa.

on the J.M. RODGERS

Farm

containing 45 acres.

Location Liberty

District, in Ohio County, W. Va.

The surface of the above tract is owned in fee by _____

J.M. RODGERS

of

West Alexander, Pa.

address, and the

mineral rights are owned by

J.M. TIMMONS

of

West Alexander, Pa

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. 1

issued by the West Virginia Department of Mines, Oil and Gas Section,

November, 9 1929.

Elevation of surface at top of well, 1009 Spirit Barometrie.

The number of feet of the different sized casings used in the well.

12 feet _____ feet 13" size. Wood conductor.

18 feet 7" feet 10" size, csg. _____ feet _____ sized csg.

121 feet 8" size, csg. _____ feet _____ sized csg.

_____ feet _____ size, csg. _____ feet _____ sized csg,

_____ packer of _____ size, set at _____

_____ packer of _____ size, set at _____

_____ in. casing perforated at _____ feet to _____ feet.

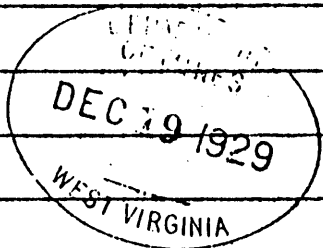
_____ in. casing perforated at _____ feet to _____ feet.

Coal was encountered at 112 feet; thickness 1, foot inches, and at

306 feet; thickness 2 feet inches; and at 372 feet;

thickness 4 feet inches.

Liners were used as follows: (Give details) none



Date, _____

Approved J. M. Timmons Owner.

By _____ (Title)

COMPLETION DATA SHEET NO. 2

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	REMARKS	
Surface	Black					10	10		
Creek Sand	Dark	Soft		10	12	2	12		
Lime	White	Hard		12	18	6	18		
Slate	Dark	Soft	Water	18	24	6	24	enough to drill with Hole full	
Lime	White	Hard		24	32	8	32		
Slate	Dark	Soft	Water	32	40	8	40		
Lime	White	Hard	35 ft	40	60	20	60		
Slate	Dark	Soft		60	75	15	75		
Lime	White	Hard		75	85	10	85		
Slate	Dark	Soft		85	112	27	112		
Waynesburg	Black	Soft		112	113	1	113		
Slate	Dark	Soft		113	152	39	152		
Lime	White	Hard	Water-151	152	160	8	160	Bailers- 1 1/2 hours	
Slate	Dark	Soft	160	160	185	25	185		
Lime	White	Hard		185	210	25	210		
Slate	Dark	Soft		210	220	10	220		
Lime	White	Hard		220	300	80	300		
Slate	Dark	Soft		300	306	6	306		
Mapletown									
Coal	Black	Soft		306	308	2	308		
Slate	Dark	Soft		308	315	7	315		
Lime	White	Hard		315	322	7	322		
Slate	Dark	Soft		322	338	16	338		
Lime	White	Hard		338	350	12	350		
Slate	Black	Soft		350	372	22	372		
Pgh. Coal	Black	Soft		372	376	4	376		
Lime	White	Hard		376	382	6	382		
Slate	White	Soft		382	425	43	425		
Lime	White	Hard		425	450	25	450		
Red Rock	Red	Soft		450	460	10	460		
Slate	Light	Soft		460	505	45	505		
Lime	White	Hard		505	528	23	528		
Murphy Sand	White	Hard		528	632	104	632		
Slate	Dark	Soft		632	635	3	635		
Lime Shells	White	Hard		635	641	6	641		
Slate	White	Soft		641	655	14	655		
Lime	White	Hard		655	685	30	685		
Slate	Dark	Soft		685	730	45	730		
Red Rock,	Red	Soft		730	736	6	736		
Slate	Dark	Soft		736	760	24	760		
L. Dunkard	Dark	Hard		760	780	20	780		
Slate	Black	Soft		780	798	18	798		

Well was not shot at _____ feet; well was shot at _____ feet.

Fresh water at 35 feet; fresh water at 151 feet.

Well was producing hole.
dry

12/18/29
Date

Approved R. B. Brown
Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names for which strata that may be common to the district.

Liberty District, Ohio County, W. Va.

By L. M. Irwin.

Preliminary data sheet missing.

Completion data sheet No. 2, marked Ohio-1, dated Aug. 18, 1929,
and filed with Dept. of Mines Sept. 19, 1929.

Well was shot at 529-538'.

Fresh water at 16'; salt water at 645'. *Permit Ohio-2*

Dry hole.

	Top.	Bottom.
Subsoil	0	13
Shale, white, soft (hole full of fresh water at 16')	13	140
Lime, white, hard	140	160
Shale, white, soft	160	245
Lime, white, hard	245	290
Shale, dark, soft	290	350
Lime, white, hard	350	375
Pittsburgh Coal, black	375	381
Lime, white, hard	381	395
Shale, white, soft	395	440
Shale, red, soft	440	460
Shale, white, soft	460	529
Murphy Sand, white, medium	529	605
Shale, white, soft	605	635
Sand, white, hard (little salt water at 645')	635	655
Shale, white, soft, to bottom	655	672