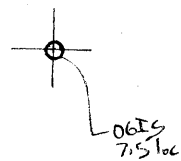


LATITUDE 39°45'

80°00'

LONGITUDE



7.5 OGIS topo location

7.5' loc 2.44 S 15' loc 2.44 S  
0.57 W (calc.) 0.57 W

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Osage 7.5 Block 111

County \_\_\_\_\_

District Cass

WELL LOCATION MAP

File No. 061-23

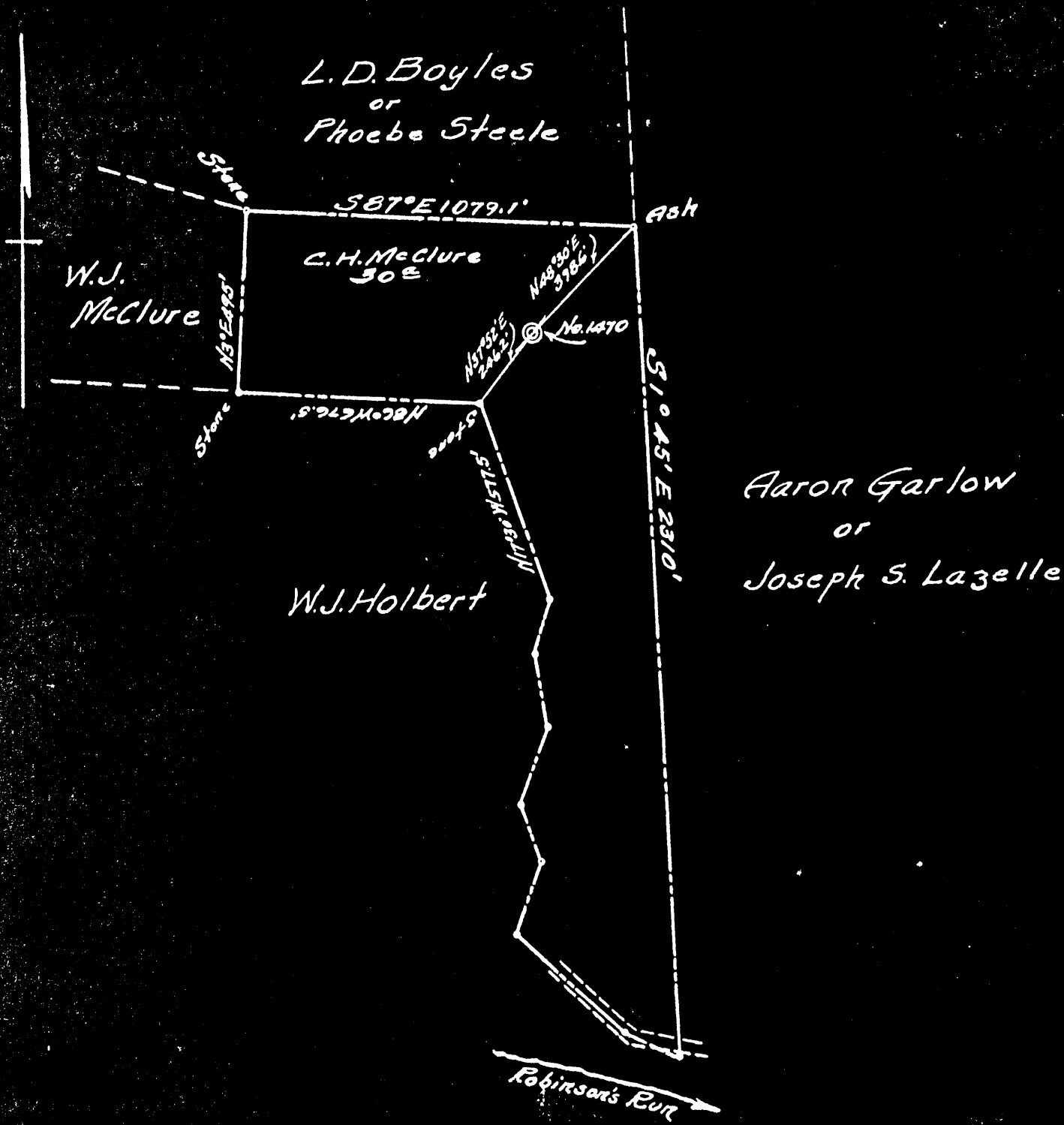
CLOP

6.6

(068)

Plat of the Proposed Location of Well No. 1470 of the  
 CARNEGIE NATURAL GAS COMPANY of Pittsburgh, Penna., on  
 to C. H. McClure farm, consisting of 30 Acres,  
 Located in Cass Dist., Marionalia County,  
 West Virginia. Blacksville N.E. Quadrangle.

1-10-30 Date 1159' Elevation 1"=400'  
1062'



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 West Virginia.

W. H. [Signature] Engineer.

State of Pennsylvania }  
 County of Allegheny } S. S.

Acknowledged before me a Notary Public this 28 day of Jan, 1930.

[Signature]

Mon-23

7

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. 23

Lease #12038

Well No. 1470

CARNEGIE NATURAL GAS COMPANY Company, of 962. Erick Bldg. Annex

Pittsburgh Penna. on ththe C. H. McClure Farm

containing 30 acres. Location

Cass District, in Monongalia County, West Virginia.

The surface of the above tract is owned in fee by C. H. McClure

of R.D.#1, Maidsville, W.Va. address. and the mineral rights are owned by

Mrs. R. E. Lazelle of Grant St., Morgantown, W.Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under

permit No. None issued by the West Virginia Department of Mines, Oil and Gas Section,

February 24, 1930 19

Elevation of surface at top of well, 1159.0 ~~Spirit~~ Barometric.

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

16 feet 13" size. Wood conductor.

295 feet 10" size, csg. feet sized csg.

753 feet 8 1/4" size, csg. feet sized csg.

935 feet 2" size, xxx Tubing feet sized csg.

Anchor packer of 8 1/4 x 3" size, set at 877

packer of size, set at

in casing perforated at feet to feet.

in casing perforated at feet to feet.

Coal was encountered at 146 feet; thickness 48 inches, and at 245

feet; thickness 96 inches; and at feet; thickness inches.

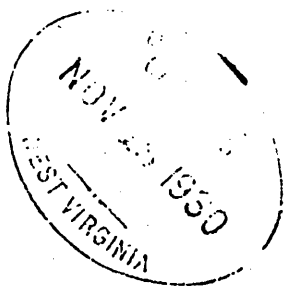
Liners were used as follows: (Give details)

November 17, 1930.

Date.

Approved CARNEGIE NATURAL GAS COMPANY, Owner.

By (Title) Land Agent



21114  
27773

MON-23

COMPLETION DATA SHEET NO. 2

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	REMARKS
		Conductor		6				
		Mapleton Coal		146	150			Hole full water at 150'
		Pittsburgh Coal		245	253			Hole full water at 445'
		Little Dunkard		No sand				
		Big Dunkard		743	780			Sand 850' - 900 223 mcf
		Gas Sand		927				Gas at 928 28/10 W in 2"
						158 mcf		14/10 W in 2" after tubing
								S.L.M. High. Coal sands
								pays, casing, total depth.
					933			

Well was not shot at \_\_\_\_\_ feet; well was shot at \_\_\_\_\_ feet.

Salt Fresh water at \_\_\_\_\_ feet; salt fresh water at \_\_\_\_\_ feet.

Well was producing Gas hole.  
~~Gas~~

April 17, 1930  
 Date

Approved CARNEGIE NATURAL GAS COMPANY  
 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.