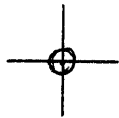


LATITUDE 40° 30' 00"

LONGITUDE 88° 32' 30"



7'5 OGIS topo location

7.5' loc 1.42 S 15' loc _____
 1.21 W (calc.) _____

Company JAMES CRAIG 0490

Farm JAMES CRAIG 10

Quad WEIRTON 7 1/2'

County HANCOCK

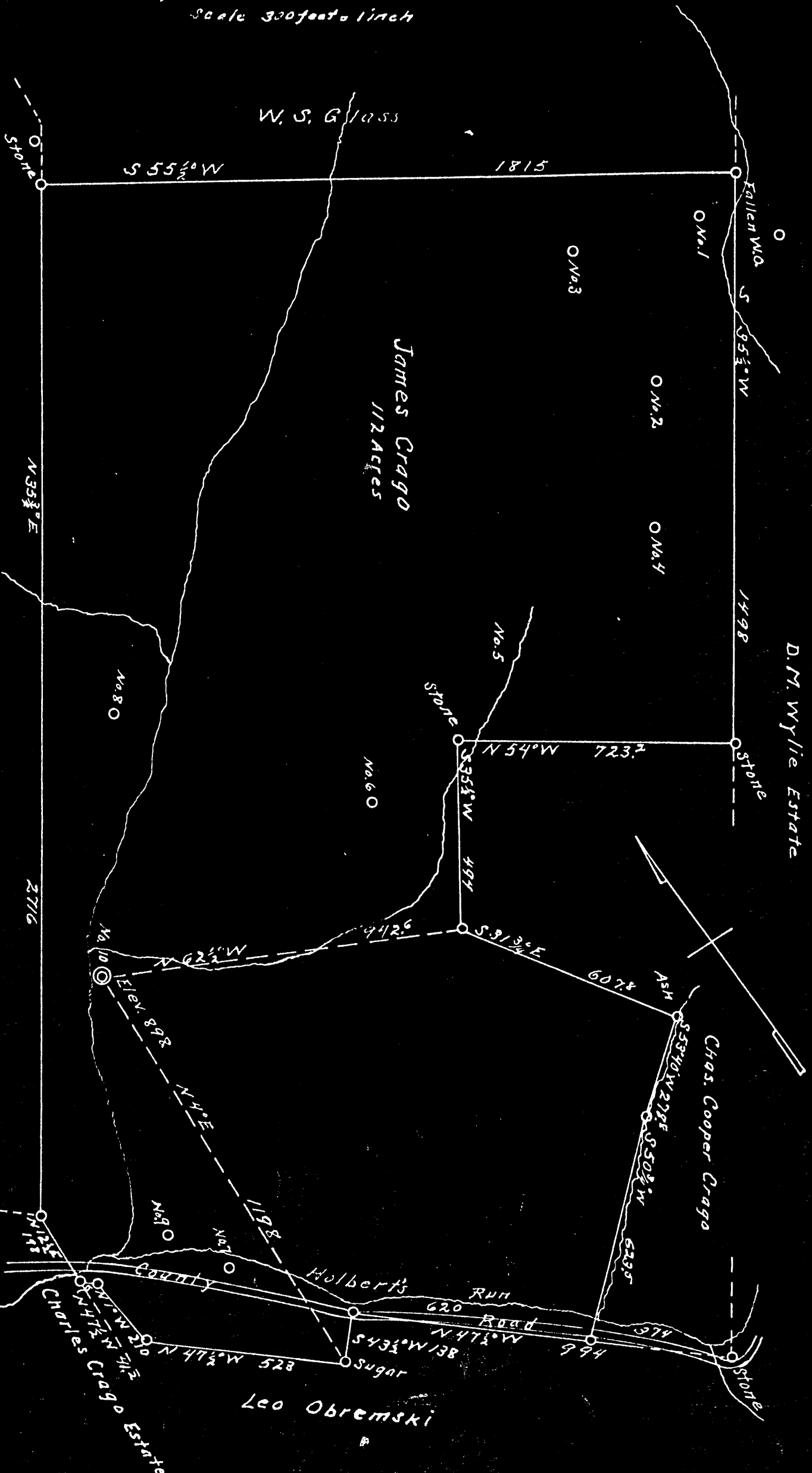
District CLAY

WELL LOCATION MAP

File No. 029 - 0001

Plat of the Location of Well No. 10 on the James Crago Farm, consisting of 112 Acres, Located in Clay District Hancock County.

Scale 300 feet = 1 inch



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.

JOHN McINTOSH,

T.W. Minesinger, Engineer.

Leo Obremski

Han-1

James E. Crago Company

New Cumberland, W. Va. Address

Well No. 10

COMPLETION DATA SHEET
No. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas [?] or Water	Top	Bottom	Thickness	Total Depth	Remarks
ate	Black	Soft	water	0	80	80	80	
rry Up	Brown	Hard	0	80	180	100	180	
ate	Black	Soft	0	180	300	120	300	
lt Sand	Brown	Hard	water	300	385	85	385	
ate	Black	Soft	0	385	490	105	490	
gine Sand	Brown	Hard	0	490	523	33	523	
ate	Black	Soft	0	523	800	277	800	
ea Stray	Brown	Hard	0	800	840	40	840	
ate	Black	Soft	0	840	880	40	880	
ea Sand	Gray	Hard	Gas	880	910	30	910	
ate	Black	Soft	0	910	980	70	980	
d Rock	Red	Soft	0	980	1040	60	1040	
ate	Black	Soft	0	1040	1062	22	1062	
0 ft. stray nd	Brown	Hard	Gas	1062	1066	4	1066	
ate	Black	Soft	0	1066	1200	134	1200	
rdon stray	Dark	Hard	0	1200	1220	20	1220	
ate	Black	Soft	0	1220	1320	100	1320	
rdon	Dark	Hard	0	1320	1338	18	1338	
ate	Black	Soft	0	1338	1495	157	1495	
urth Sand	Dark	Hard	0	1495	1525	30	1525	
ate	Black	Soft	0	1525	1550	25	1550	
ftth Sand	Dark	Hard	0	1550	1590	40	1590	
ate	Black	Hard	0	1590	1965	375	1965	Shelly
o. Warren	Dark	Hard	0	1965	2015	50	2015	
ale	Brown	Soft	0	2015	2135	120	2135	
echley stray	Dark	Hard	0	2135	2155	20	2155	
ale	Brown	Soft	0	2155	2260	105	2260	
echley	Dark	Hard	0	2260	2355	95	2355	

~~XXXX~~ Well was not shot at any time feet; well was shot at feet.

~~XXXX~~ Fresh water at 20 feet; salt water at 325 feet.

producing
Well was hole.

Nov. 1st 1932
Date

Approved James E. Crago
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 commonly used in the district for such strata.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. Hanc. 1

Well No. 10

James E. Crago ~~Company~~

on the James E. Crago Farm

containing 12 acres. Location Holberts Run

Clay District, in Hancock County, West Virginia

The surface of the above tract is owned in fee by James E. Crago

of New Cumberland, West Virginia address, and the mineral rights are owned by

James E. Crago of New Cumberland, West Virginia

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

No. _____ issued by the West Virginia Department of Mines, Oil and Gas Division

_____ 193_____

Elevation of surface at top of well, 898 Spirit Barometric.

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

12 feet 12 x 12 size. Wood conductor.

73 feet 8 1/2 size, csg. 526 feet 6 1/2 sized csg.

feet _____ 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 _____ feet; thickness _____ inches, and at _____

feet; thickness _____ inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) _____

Nov. 1 - 1932. Date.

Approved James E. Crago Owner.

By _____ (TITLE)