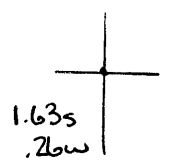


Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Blackburn + Blackburn

Farm John McKim #1

15' Quad _____
(sec.)

7.5' Quad Steubenville East

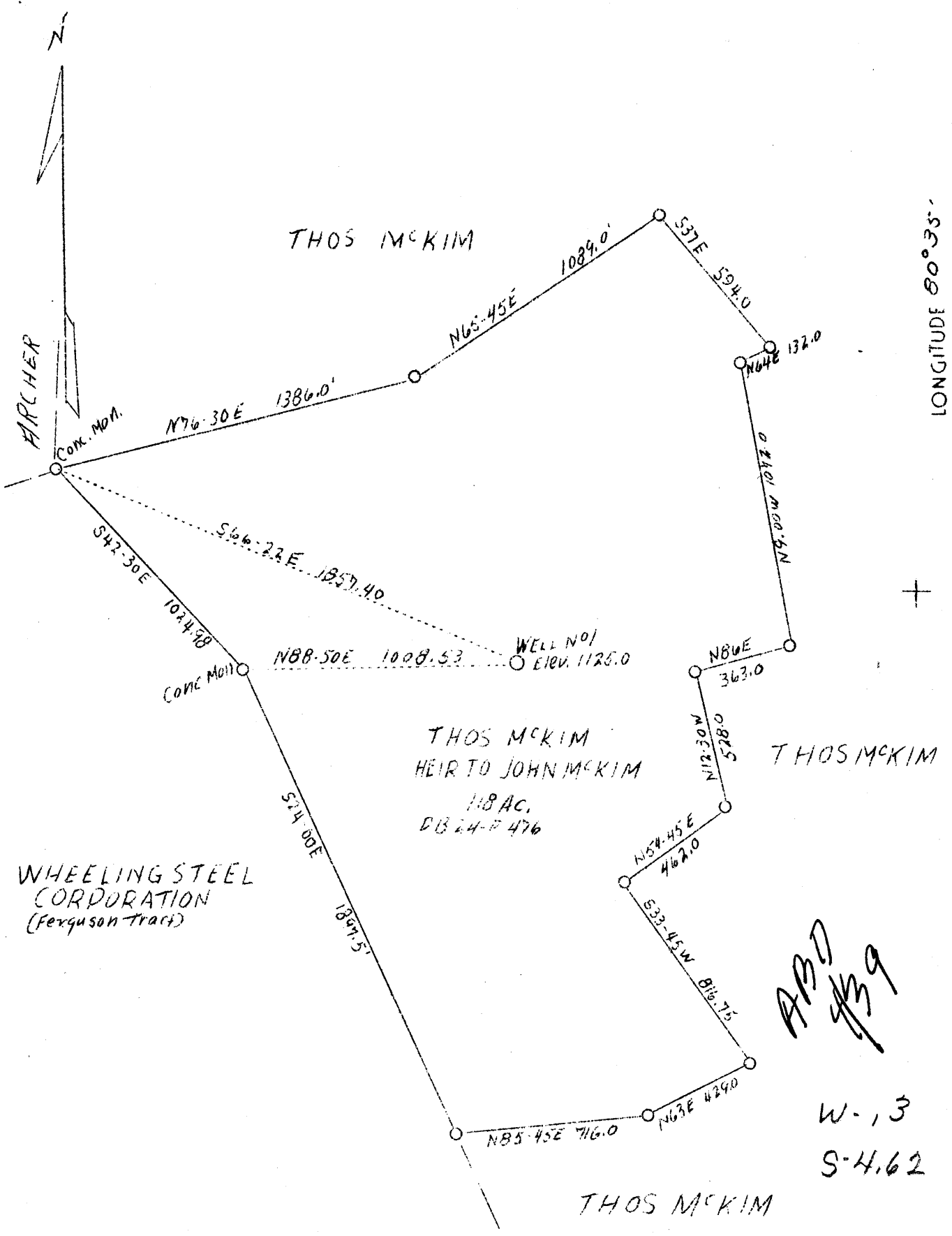
District Cross Creek

WELL LOCATION PLAT

County 009 Permit 17

LATITUDE 40° 25'

LONGITUDE 80° 35'



APD
4/3/39

W-13
S-4.62

New Location

Company	Blackburn & Blackburn
Address	Steubenville, Ohio
Farm	John McKim
Acres	118
Well (Farm) No.	One
Elevation (SL)	1125
Quadrangle	Steubenville Ohio
County	Brooke
District	Cross Creek
Engineer	Eugene M. Smith
Eng. Reg. No.	290
Date	Dec. 24, 1938
Scale	1" - 500'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL & GAS DIVISION
 Charleston

WELL LOCATION MAP

File No. B70-17

x Denotes location of well on U. S. 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

25

WELL RECORD

Permit No. Bro-17

Oil or Gas Well.....
(Kind)

Company <u>Blackburn & Blackburn</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1422 Oregon Ave. Steubenville, Ohio</u>	Size			
Farm <u>Thomas McKim</u> Acres <u>156</u>	16			Kind of Packer
Location (waters)	13			Size of
Well No. <u>ana</u> Elev. <u>1125</u>	10	<u>32'</u>		Depth set
District <u>Cross Creek</u> County <u>Brook</u>	8 1/4	<u>256'</u>		Perf. top
The surface of tract is owned in fee by <u>Thomas McKim</u>	6 5/8	<u>1320'</u>		Perf. bottom
Address <u>Steubenville, Ohio</u>	5 3/16			Perf. top
Mineral rights are owned by <u>Same</u>	3			Perf. bottom
Address	2			
Drilling commenced <u>Jan 15 1939</u>	Liners Used			
Drilling completed <u>Mar. 28 1939</u>				
Date shot				
Depth of shot				
Open Flow /10ths Water in				
/10ths Merc. in				
Volume <u>3000</u> Cu. Ft.	CASING CEMENTED	SIZE	No. FT.	Date
Rock Pressure <u>None</u> lbs. hrs.				
Oil bbls., 1st 24 hrs.				
Fresh water <u>115</u> feet	COAL WAS ENCOUNTERED AT <u>28</u> FEET			
Salt water <u>930</u> feet	<u>589</u> FEET			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Shale			0	50			
Coal			50	53			
Shale			53	75			
Lime	grey		75	85			
Shale			85	200	Water	115	
Sand			200	256			
Shale			256	320			
Red Rock			320	330			
Shale			330	350			
Sand	dark		350	395			
Red Rock			395	405			
Shale			405	430			
Sand			430	480			
Shale			480	515			
Red Rock			515	522			
Shale			522	545			
Red Rock			545	570			
Shale			570	580			
Lime		hard	580	584			
Shale			584	589			
Coal			589	592			
Shale			592	597			
Sand			597	615			
Shale			615	725			
Sand			725	775			
Lime		Hard	775	790			
Sand			790	802			
Shale			802	895			
Sand		Hard	895	905			
Shale			905	955			
Salt Sand		White	955	990	Water	930	Hole full
Shale			990	995			
Top of Ingin Sand			995				
Lime	Grey	Hard	995	1050			
Sand			1050	1130			
Shale			1130	1132			
Lime	Dark	Hard	1132	1155			
Sand	"	"	1155	1170			
Shale			1170	1173			
Lime	Black	Hard	1173	1225			
Sand			1225	1305			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			1305	1307			
Sand			1307	1320			
Bottom of Ingin Sand			1320				
Shale & Lime Shells			1320	1656			
Top Berea Sand		Hard	1656	1658			
Berea Pay Sand		soft	1658	1668			
Sand	Derk	Hard	1668	1708	GAS	1658 to 1668	3000 Cu. Ft
Lime		Hard	1708	1715			
Shale	Grey		1715	1778			
Red Rock			1778	1832			
Shale	Grey		1832	1842			
TOTAL DEPTH			1842				

Date Apr 3, 1939

APPROVED Blackburn & Blackburn, Owner

By E. C. Blackburn

(Title)