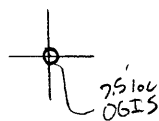


LATITUDE

39° 55'

80° 30'

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>2.22 S</u>	15' loc	<u>2.22 S</u>
	<u>1.32 W</u>	(calc.)	<u>1.32 W</u>

Company O.M. Fox + B.H. Frye

Farm Frank Phillips

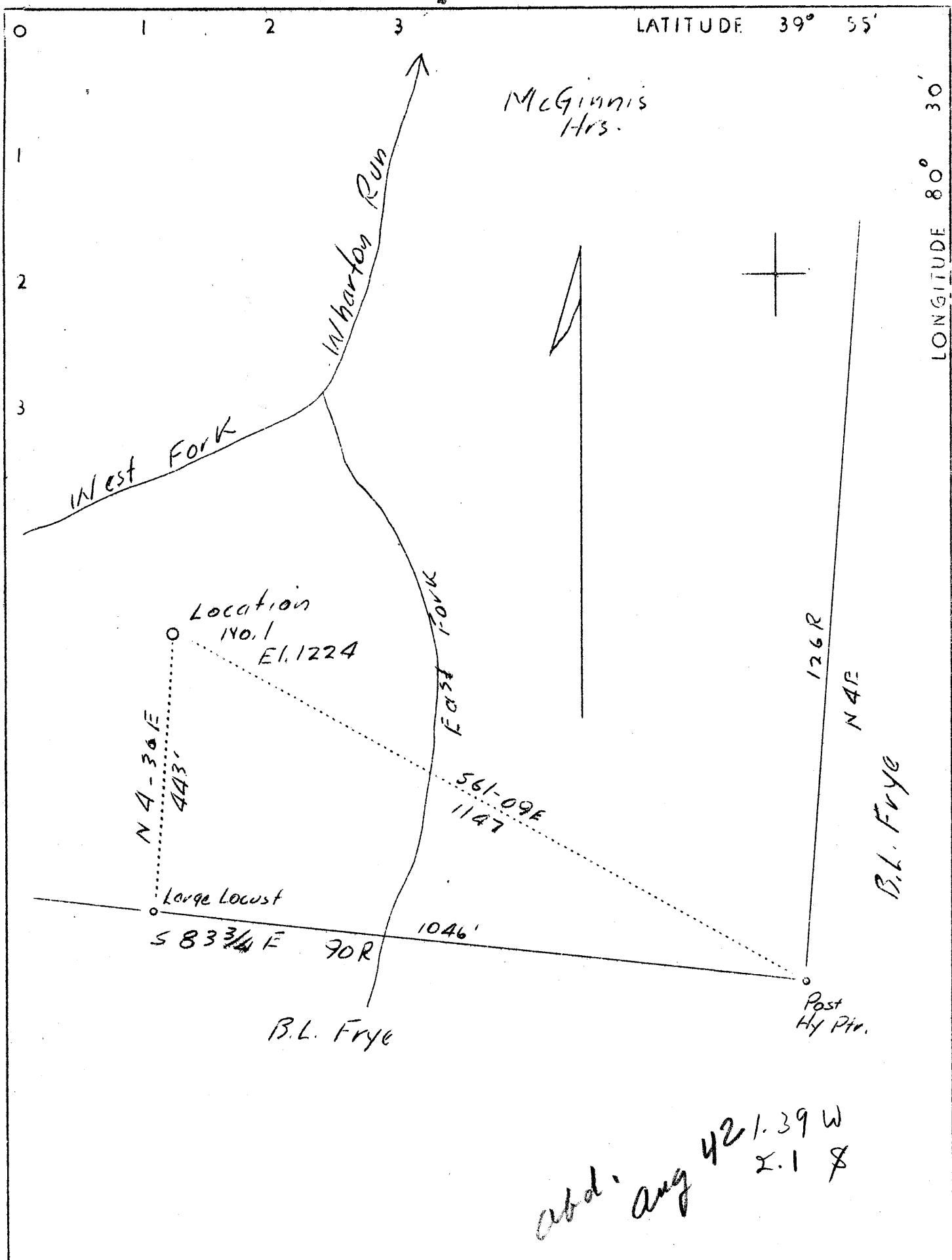
Quad Majorsville 7.5' Cameron EC

County Marshall

District Cameron

WELL LOCATION MAP

File No. 051-90



Company	O.M. Fox & B.L. Frye
Address	Cameron, W. Va.
Farm	Frank Phillips
Tract	1 Acres 100 Lease No. 1
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	1224
Quadrangle	Cameron <b>E 6</b>
County	Marshall District Cameron
Engineer	Gordon W. Sammons
Engineer's Registration No.	509
File No.	Drawing No.
Date	Nov. 27, 1937 Scale 1"-200'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 File No. MARS-90

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Mars-90

Gas Well

Cameron Quad.

CASING & TUBING

Company	Fox & Frye, et al	13	Wood
Address	Cameron, W. Va.	10	663-7 663-7
Farm	Frank Phillips Acres 100	8-1/4	1111-8 1111-8
Location	Wharton Run	3	1867 1867
Well No.	One Elev. 1224		
District	Cameron County Marshall		
Surface	Frank Phillips, Cameron, W. Va.	PACKER:	
Mineral	Edward W. McShane, Uniontown, Pa.	Kind - Anchor	
Drilling commenced	Jan. 4, 1938	Size - 3"x8 1/4"x16"	
Drilling completed	Feb. 5, 1938	Depth set - 1779-3	
Shot	-	Perf. top - 1845	
Open Flow	67/10ths Water in 3 inch	" bottom - 1867	
Volume	884,520 c. f.	COAL ENCOUNTERED:	
Rock Pressure	440 lbs. 24 hrs.	Feet	Inches
Fresh water	110' - 80'	382	
Salt Water	1862' - 1 bailer 24 hrs.	554	
		648	
		1290	

Formation Color <sup>Har</sup> 5 TOP BASE Result					Formation Color <sup>Har</sup> 5 TOP BASE Result						
Slate & Lime	dark	h-s	0	332		Coal	black	S	1290	1295	W 1290 ✓
Sand	white	h	332	382		Slate	dark	s	1295	1310	
Waynesburg coal	black	s	382	385	Gas 382	Sand	light	h	1310	1360	
Lime	white	h	385	420		Slate	dark	s	1360	1368	
Slate	black	s	420	460		1st Salt Sand	dark	h	1368	1394	
Lime	white	h	460	550		Slate	dark	s	1394	1400	
Slate	dark	s	550	554		Sand Shell	light	h	1400	1405	
Mapletown coal	black	s	554	557	Gas 554	Slate	dark	s	1405	1505	
Slate	dark	s	557	575		2nd Salt Sand	dark	h	1505	1530	
Lime	white	h	575	630		Slate	dark	s	1530	1590	
Slate	dark	s	630	648		2nd Salt Sand	dark	h	1590	1613	Gas at
Pittsburgh coal	black	s	648	653		Slate	dark	s	1613	1645	1591
Lime	white	h	653	675		Maxium Sand	grey	h	1645	1722	
Pink rock	pink	s	675	680		Slate	dark	s	1722	1725	
Lime	white	h	680	725		Big Lime	cream	h	1725	1780	
Pink rock	pink	s	725	730		Big Injun Sand	h	1780	1867	Gas at	
Gritty Lime	grey	h	730	745						1862	
Sand	white	h	745	770							
Slate	dark	s	770	775							
Red rock	red	s	775	780							
Slate	black	s	780	795							
Red rock	red	s	795	800							
Lime	white	h	800	806							
Slate	black	s	806	835							
Red rock	red	s	835	842							
Lime	white	h	842	852							
Slate	dark	s	852	860							
Red rock	red	s	860	875							
Lime shells	white	h	875	880							
Slate	dark	s	880	885							
Lime	white	h	885	908							
Red rock	red	s	908	918							
Lime	white	h	918	923							
Grey (?)	grey	h	923	950							
Red Rock	red	s	950	970							
Lime	white	h	970	980							
Sand	white	h	980	1005							
Slate	dark	s	1005	1030							
Lime	white	h	1030	1075							
Slate	dark	s	1075	1125							
Big Dunkard Sand	h	h	1125	1176							
Slate	dark	s	1176	1180	Gas 1180						
Lime	white	h	1180	1215							
Gas Sand	white	h	1215	1255	Gas 1238						
Slate	dark	s	1255	1265	Gas 1260						
Lime	white	h	1265	1280							
Slate	dark	s	1280	1290							