

LATITUDE 39° 52' 30"

OGIS
7.5' loc

80° 32' 30"

LONGITUDE

7'5 OGIS topo location

7.5' loc	<u>0.40 S</u>	15' loc	<u>3.28 S</u>
	<u>0.11 W</u>	(calc.)	<u>2.31 W</u>

Company F. Burley + M.C. Issaminger

Farm D. A. Hennen 5

Quad Cameron ^{2.5'} Cameron EC

County Marshall

District Cameron

WELL LOCATION MAP

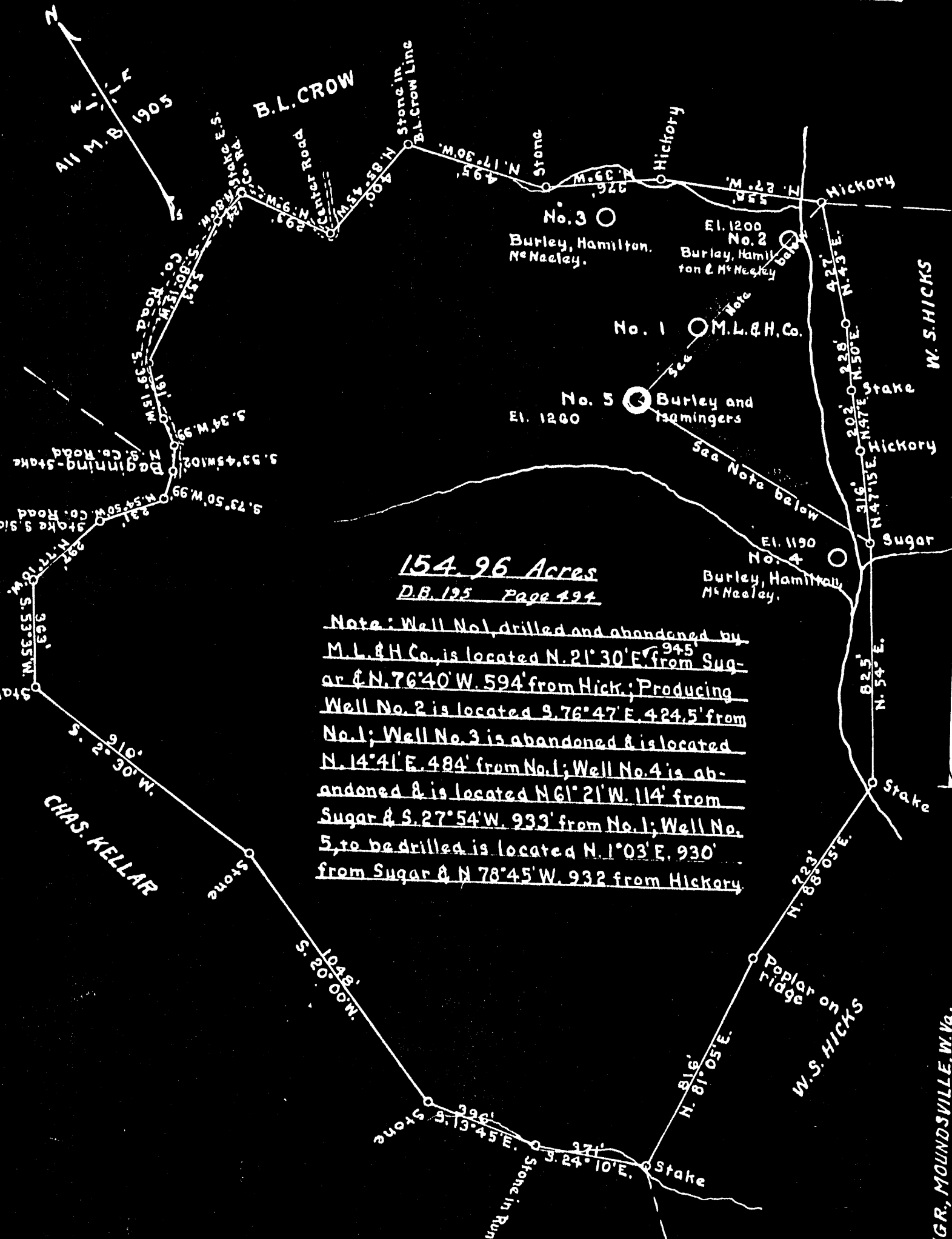
File No. 051-52

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(024)

CLOP

Plat of the Proposed Location of Well No. 5 by Frank Burley, Bellton, W. Va., M. C. Isaminger, Woodruff, W. Va., & A. G. Isiminger, Cameron, W. Va., on the D. H. Hennen farm, consisting of 154.96 A., located in Cameron District, Marshall County, W. Va.



154.96 Acres
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Note: Well No. 1, drilled and abandoned by M. L. & H. Co., is located N. 21° 30' E. 945' from Sugar & N. 76° 40' W. 594' from Hick.; Producing Well No. 2 is located S. 76° 47' E. 424.5' from No. 1; Well No. 3 is abandoned & is located N. 14° 41' E. 484' from No. 1; Well No. 4 is abandoned & is located N 61° 21' W. 114' from Sugar & S. 27° 54' W. 933' from No. 1; Well No. 5, to be drilled is located N. 1° 03' E. 930' from Sugar & N 78° 45' W. 932 from Hickory.

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 to be shown on a

Marshall - 52

IS - CIV. ENGR., MOUNDSVILLE, W. Va.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Ward 52

Oil or Gas Well Gas
(Kind)

Company <u>Burley J. Lanning</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Cameron, W. Va.</u>				
Farm <u>W. H. Hensum</u> Acres <u>154.96</u>	Size			
Location (waters) <u>Grave Creek</u>				
Well No. <u>5</u> Elev. <u>1360</u>	16			Kind of Packer used
District <u>Cameron</u> County <u>Marshall</u>	13			<u>Anker</u>
The surface of tract is owned in fee by <u>W. H. Hensum</u>	10			Size of <u>6 5/8</u>
<u>Cameron</u> Address <u>Cameron</u>	8 3/4			<u>4 7/8 Casing</u>
Mineral rights are owned by <u>W. H. Hensum</u>	6 5/8	<u>160 ft</u>		Depth set <u>688</u>
Address <u>Cameron</u>	5 3/16	<u>160</u>		<u>6.62</u>
Drilling commenced <u>Oct 1-1935</u>	3		<u>688 ft</u>	Perf. top
Drilling completed <u>July 20-1936</u>	2			Perf. bottom
Date shot _____ Depth of shot _____	Liners Used			Perf. top
Open Flow <u>10ths Water in 40 2 in</u> Inch				Perf. bottom
<u>10ths Merc. in</u> Inch				
Volume <u>around 20 thousand</u> Cu. Ft.	CASING CEMENTED	SIZE	No. FT.	Date
Rock Pressure <u>45</u> lbs. <u>24</u> hrs.				
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>670</u> FEET _____ INCHES			
Fresh water <u>100</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
sand & clay	Dark	soft		16			
Sand	Dark	hard	16	50			
lime stone	Light	hard	50	100	water	100	
slate	Dark	soft	100	160			
Red Rock	Red	soft	160	200			
Sand	Dark	hard	200	215			
slate	Light	soft	215	290			
lime	light	hard	290	320			
slate	grey	soft	320	355			
sand	white	medium	355	390			
slate	Dark	soft	390	425			
Bluff Sand	white	hard	425	470			
waxing coal	Blossom		470	472			
lime stone	white	hard	472	500			
slate	dark	soft	500	540			
lime	white	hard	540	670			
Maple town coal	(sewickley)		670	675			
	Total Depth		688 feet				



Gas found in coal about 20 thousand cubic feet