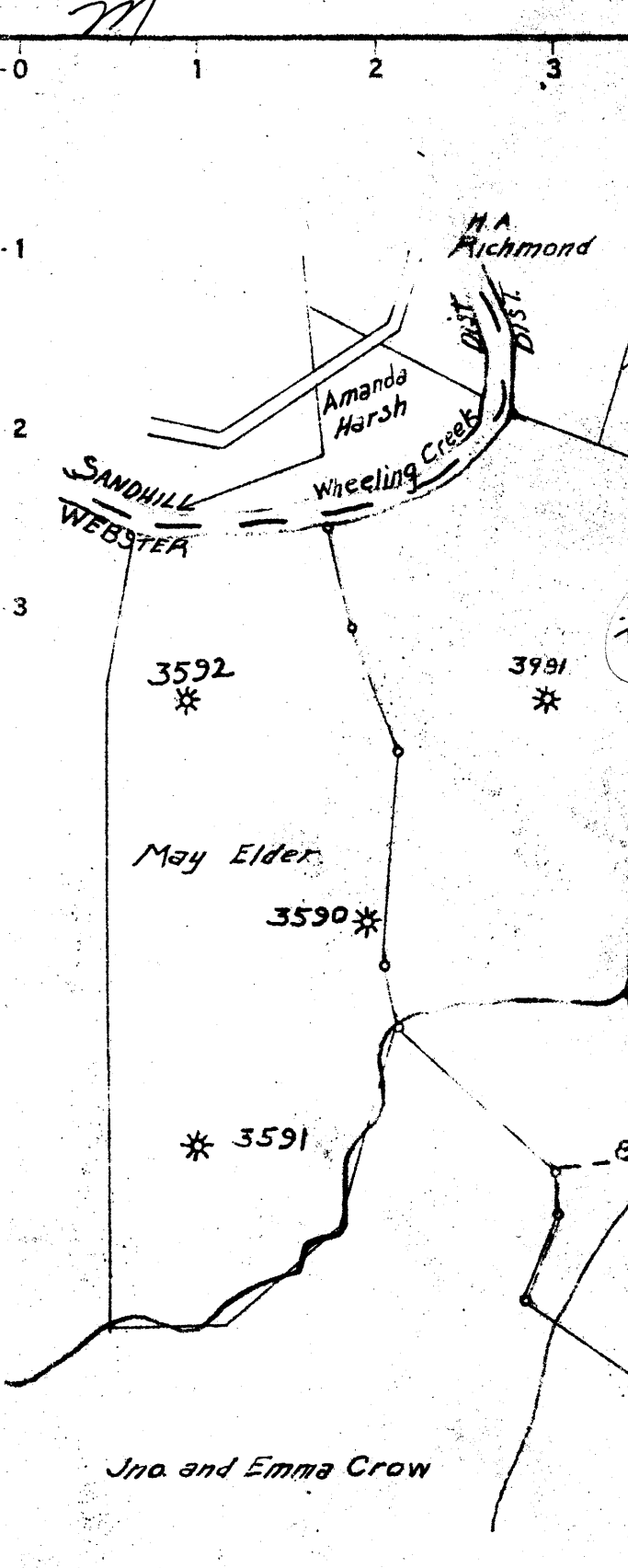


39°57'30"

LATITUDE 40 00



30
80

COAL OWNED BY.....

NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT...

COMPANY The Manufacturers Light & Heat Co.
 ADDRESS 800 Union Trust Building, Pittsburgh Pa.
 FARM Maggie Mooney
 TRACT _____ ACRES 233 LEASE NO. 2901
 WELL (FARM) NO. 4 SERIAL NO. 3986
 ELEVATION (SPIRIT LEVEL) 940'
 QUADRANGLE Cameron
 COUNTY Marshall DISTRICT Webster
 ENGINEER _____
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. Y-13-71
 DATE July 9 1946 SCALE 1" 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. MARS-185

+ 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
W E L L R E C O R D

Permit No. Mars ¹⁸⁵ 188
Cameron Quad.
Company
Address
Farm
Well No. 4
District
Commenced
Completed
Water
Volume
Rock Pressure

The Manf. Light & Heat Co.
Maggie McIney Acres 233
3986 Elev. ⁹⁴⁰
Webster Marshall County
Sept. 10, 1948
Oct. 6, 1948
470-476 two blrs. per hr.
10-7-48 48/10 M in pitted tube
4,209,728 Big Injun
392 # in 48 hrs.

Gas Well
CASING & TUBING

10 510'7 Same
8 1082'4
6 5/8 1591'3
4 1688'5
Anchor Packer
Size 6 5/8 x 4
Depth 1606

AUG 23 1949

Yellow Clay	0	30	SLM 478
Slate & Shells	30	70	Lime 491-496' 506'10" pipe
Lime	70	115	Run 8" csg. at 1075'
Slate & Shells	115	128	1090' Run steel line
Black Slate	128	140	
Slate & Shells	140	250	Gas at 1090'
Lime	250	362	Test at 1090' -1100' 24/10 W 1" 38,398CF
Slate	362	365	
Showing of coal	365	370	S.L. 1578' Sand hard to 1627'
Lime	370	378	Steel Line run at 1661'
Slate	378	385	Gas at 1657-1664
Lime	385	465	Gas at 1669-1677
Slate	465	474	Total depth 1679'
Pittsburgh Coal	470	476	Open flow after 4" tubing run
Slate	476	491	48/10 M in pitted tube 4,209,728 CF
Gritty Lime	491	496	
Lime	496	527	MINUTE TEST IN 4" TUBING
Slate	527	532	
Lime	532	570	1 2 3 4 5 6 7 8
Slate & Shells	570	590	210 270 285 300 303 309 312 312
Red Rock	590	630	
Slate & Shells	630	642	9 10 11 12 13 14 15
Sand Murphy	642	647	312 315 319 320 322 325 325
Slate	647	652	
Red Rock	652	693	16 17 18 19 20 30 45
Lime	693	740	326 329 330 330 331 335 345
Red Rock	740	755	
White Mud	755	785	60 24 hr 48 hr
Lime	785	820	360 385 392
Black Slate	820	828	
Coal	828	830	Tubing record (Thds. on)
White Slate	830	853	Perf. 22'7
Little Dunkard Sand	853	910	Perf. 24'10
Slate	910	925	Tubing 1 joint 24'11
Lime	925	945	6 5/8 x 4 Packer
Slate	945	955	Tubing 66 joints <u>1616'1"</u>
Big Dunkard	955	975	Total <u>1688'5"</u>
Lime	975	993	
Slate	993	1045	
Lime	1045	1097	
Black Slate	1097	1102	
Lime	1102	1170	
Slate & Shells	1170	1190	
Sand	1190	1210	
Sand	1210	1215	
Slate	1215	1220	
Sand	1220	1237	
Black Slate	1237	1280	
Lime	1280	1320	
Sand	1320	1477	
Slate	1477	1482	
Sand	1482	1544	
Black Slate	1544	1556	
Gritty Lime	1556	1564	
Slate	1564	1578	
Big Injun	1578		
Total depth	1679		