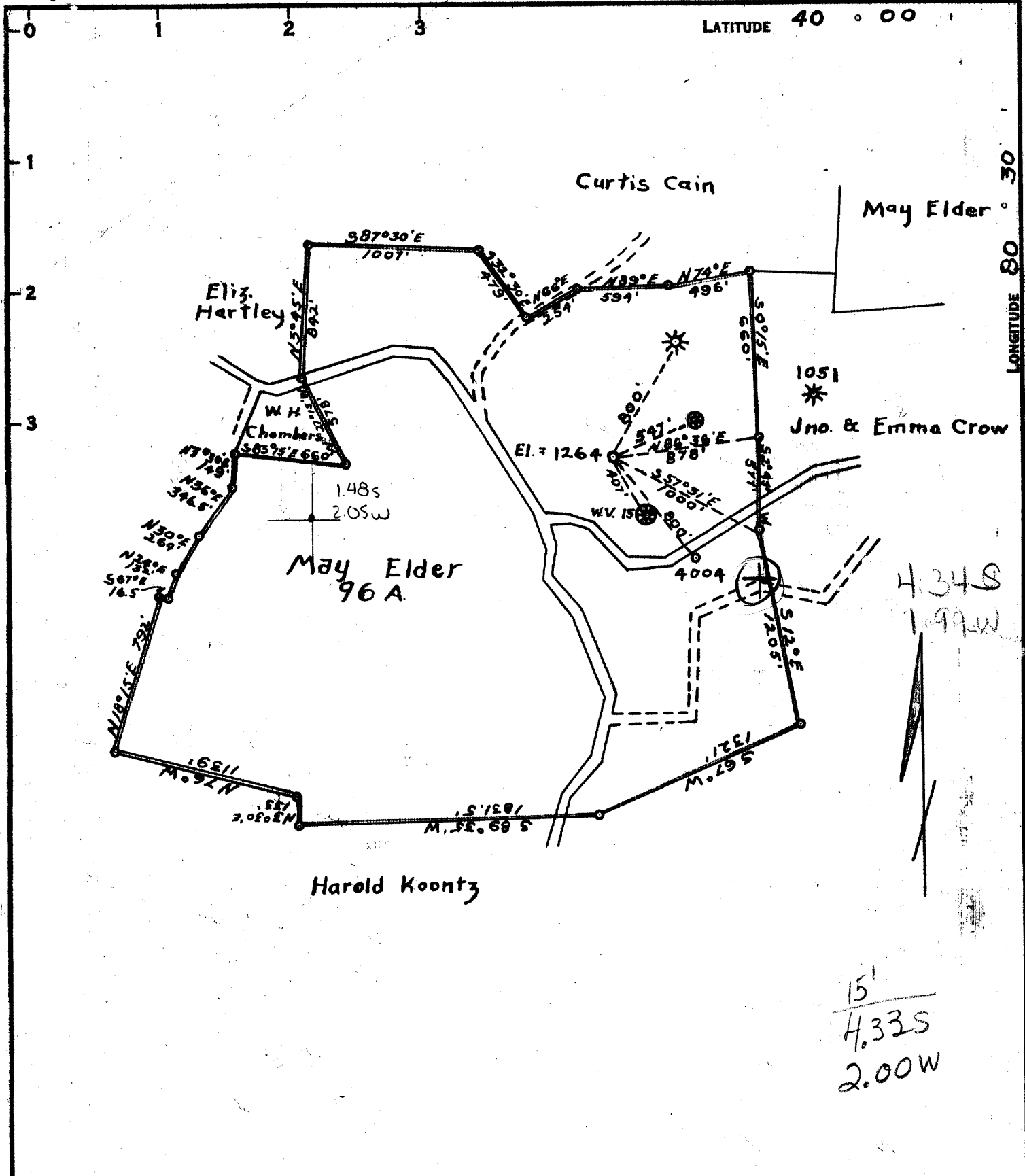


M

39°57'30"

LATITUDE 40 ° 00 '

LONGITUDE 80 ° 30 '



COAL OWNED BY Everett F. Moore
Moundsville W. Va.

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

COMPANY The Manufacturers Light & Heat Co.
 ADDRESS 800 Union Trust Building, Pittsburgh, Pa
 FARM May Elder
 TRACT _____ ACRES 96 LEASE No. 19447
 WELL (FARM) No. 3 SERIAL No. 4008
 ELEVATION (SPIRIT LEVEL) 1264'
 QUADRANGLE Cameron NE
 COUNTY Marshall DISTRICT Webster
 ENGINEER Alexander Siraator
 ENGINEER'S REGISTRATION No. 3060
 FILE No. _____ DRAWING No. Y-13-104
 DATE Sept 21, 1948 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-193-DRILL DEEPER

+ 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.

TCP

6-6 22



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

Permit No. MARS-193-D

Oil or Gas Well GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm May Elder Acres ~~XXX~~ 96
Location (waters) _____
Well No. L-4008 Elev. 1264.47'
District Webster County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 25, 1962
Drilling completed October 20, 1962
Date Shot 10/17/62 From _____ To _____
With Orifice Well Tester
Open Flow 32 /10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch
Volume 44,000 Cu. Ft.
Rock Pressure 930 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10 3/4"	762'	762'	Size of
8 5/8"	1567'	1567'	
7 "	1705'3"	1705'3"	Depth set
5 3/16			
4 1/2"	1849'6"	1849'6"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 723 FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	THICKNESS THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Drilled to 1675' in 3rd. Salt Sand 5/6/49 to 5/26/49 Drilled Deeper on this Work Order							
Pittsburgh Coal		7	723	730			
Gas Sand		54	1368	1422			
1st Salt Sand		55	1464	1519			
3rd Salt Sand		123	1657	1780	Gas - 1667' - 1675' - Cased off	(From Original Record)	
Big Injun			1824				
Total Depth				1944	Pay Zones from G.R. & G. G. Logs		
					1902'-1905'		
					1908'-1912'		
					1915'-1918'		
					1922'-1924'		
					Drilled from 1860' to Total Depth with hole full of Baroid.		
					1673'5" of Original 4 1/2" Tubing pulled from well.		

1944
1675
269



WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 193

Gas Well
CASING & TUBING

Cameron Quad.

Company

The Manf. Light & Heat Co.

Address

Farm

May Elder 96 acres

Cond. 16 16

Well No.

4008 Elev.

10 762 762

District

Webster Marshall County

8 1/2 1290 1290

Commenced

May 6, 1949

4 1691

Completed

May 26, 1949

Volume

46/10 M 2 1/2", 1,226,000 C.F. Salt Sand 5-27-49

Water

94' -106' 1/4 blr. per hr. Showing of coal 110'
728' 1 1/2 blr. per hr.

Clay	0	15	Red Rock	1220	1235
Rock	15	25	Slate	1235	1268
Slate	25	50	Lime	1268	1292
Lime	50	73	Slate	1292	1332
Slate	73	94	Lime	1332	1360
Lime	94	106	Slate	1360	1365
Slate	106	118	Gas Sand	1365	1418
Lime	118	128	Slate	1418	1422
Slate & Shells	128	192	Coal	1422	1425
Lime	192	200	Slate	1425	1434
Red Rock	200	214	Sand ST Salt	1434	1520
Slate	214	232	Slate	1520	1542
Lime	232	239	Lime	1542	1566
Slate	239	260	Slate	1566	1657
Lime	260	292	Salt Sand 3 ^{ca}	1657	
Slate & Rock	292	302	Pay Sand	1667	1675
Coal	302	304	Total Depth		1675
Slate	304	324			
Lime	324	337	SLM 1668'		
Slate	337	355	Test after tubing well 46/10 M in 2 1/2",		
Lime	355	369	1,226,000 C.F.		
Slate	369	397	4" tubing record	Thds.	On
Lime	397	422	Perfo.	10"	3"
Slate	422	425	8 1/2 x 4" Packer		
Waynesburg Coal	425	428	Tubing 70 jts.	1680'	9"
Slate	428	446	Total	1691'	0"
Lime	446	469			
Slate	469	480	Waynesburg Coal--show of gas through water		
Red Rock	480	488	SIM 728'		
Slate	488	495			
Lime	495	620			
Mapletown Coal	620	624			
Slate	624	635	1 5 10 30 60 24hr 48 hr		
Lime	635	710	90 298 337 357 365 385 388 Max		
Slate	710	720			
Pittsburgh Coal	720	726			
Slate	726	730			
Lime	730	744			
Slate	744	759			
Lime	759	772			
Slate	772	793			
Red Rock	793	808			
Slate	808	843			
Red Rock	843	877			
Slate	877	894			
Red Rock	894	921			
Slate	921	976			
Lime	976	982			
Red Rock	982	1047			
Lime	1047	1059			
Slate & Shells	1059	1070			
Lime or L. Dunkard	1070	1103			
Slate	1103	1122			
Lime	1122	1138			
Slate Black	1138	1195			
Lime	1195	1220			