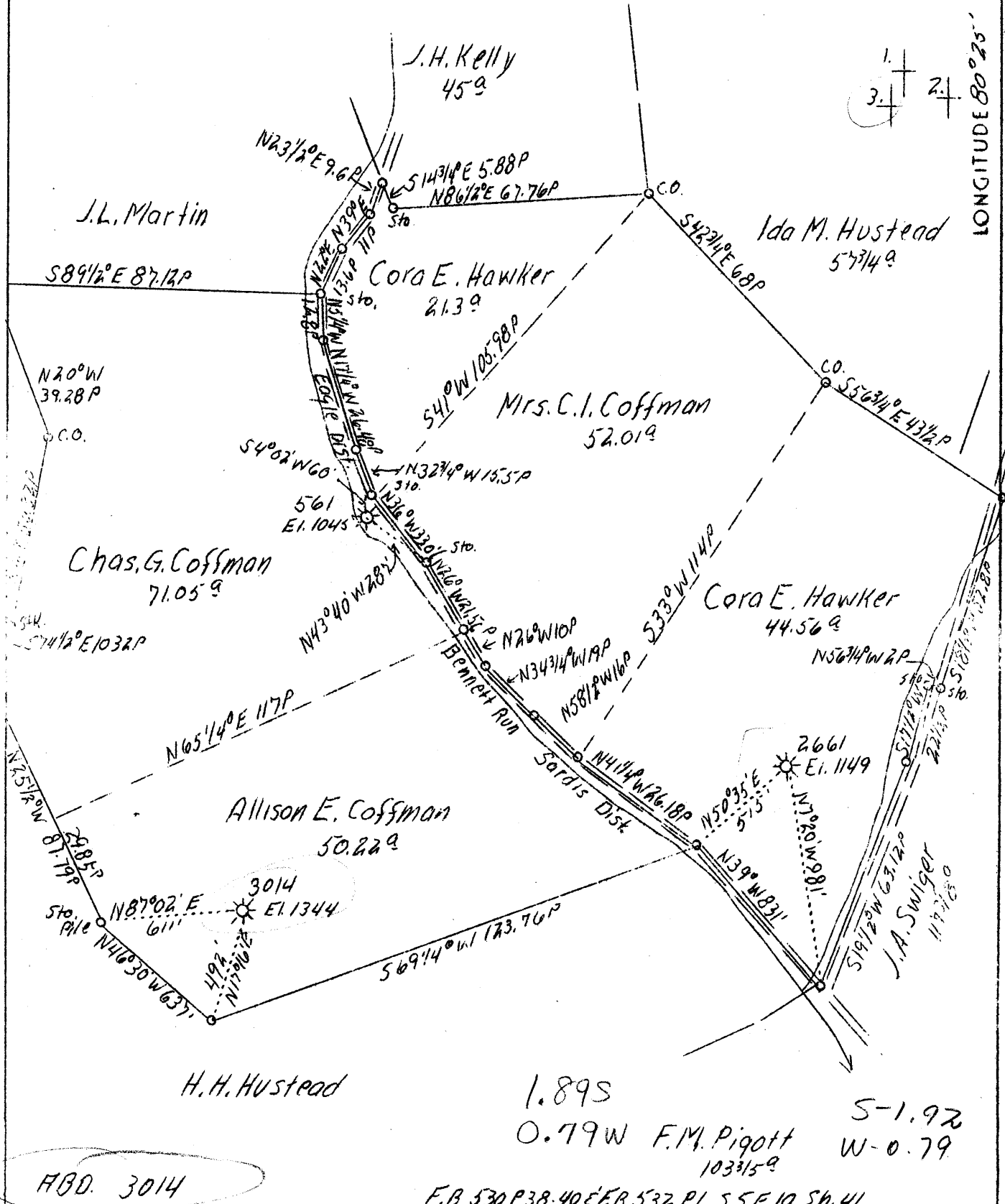


LATITUDE 39° 25'

LONGITUDE 80° 25'



ABD. 3014

F.B. 530 P 38.40 E F.B. 532 P 1 55 E 10 S 1/4 41

Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm John M. Coffman
 Acres 240
 Lease No. 435
 Serial No. 561, 2661, 3014
 Well (Farm) No. 1, 2, 3
 Quadrangle ~~W~~ Clarksburg
 County Harrison
 District Sardis
 Eng. W.M. Bowers
 Eng. Reg. No. 900
 Date 8/8/39
 Scale 1" = 600'

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

WELL LOCATION MAP
 File No. HAR-509-A

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.

o Denotes one inch spaces on border line of original tracing.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Handwritten: *Handwritten*
Permit No. 509-A
Clarkburg W.C.

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarkburg, W. Va.
 Farm John M. Coffman Heirs Acres 240
 Location (waters) Shians Run
 Well No. 3014 Elev. 1344
 District Sardis County Harrison
 The surface of tract is owned in fee by Homer L. Coffman
 Address Brown, W. Va.
 Mineral rights are owned by J. V. Thompson In Trust.
 Address Uniontown, Pa.
 Drilling commenced 8-8-1913
 Drilling completed 12-30-1913
 Date shot Not shot Depth of shot _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water None recorded feet _____ feet
 Salt water 980-1300-1355 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	510	510	Size of
8 1/4	1450	Pulled	
6 5/8	1821	1821	Depth set
5 3/16	2580	2580	
3			Perf. top
2	2700	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10" SIZE 510-420 No. FT. 11-4-1913 Date
10" casing cemented through coal to 420'
 COAL WAS ENCOUNTERED AT 460 FEET 84 INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			460	467			
Little Dunkard Sand			820	852			
Big Dunkard Sand			960	1000	Water	980	
Gas Sand			1180	1235			
First Salt Sand			1275	1345	Water	1300	
Second Salt Sand			1360	1450	Water	1355	
Little Lime			1720	1740			
Pencil Cave			1740	1750			
Big Lime			1750	1820			
Big Injun Sand			1820	1910	Gas	1875	
Squaw Sand			1940	1950			
Fifty Foot Sand			2380	2415	Gas	2383	
Thirty Foot Sand			2468	2510	Gas	2475	
Gordon Stray Sand			2570	2625	Gas	2598	
Gordon Sand			2629	2659	Gas	2643	
Total Depth			2692				

