

39° 25' 00"

LATITUDE

80° 22' 30"

LONGITUDE



7'5 OGIS topo location

7.5' loc

15' loc 1.81
(calc.) 3.21

Company Hope Natural Gas (104)

Farm Thos E Harbert

Elevation 987'

Quad Wallace / Chickering / C

County Harrison

District Eagle

WELL LOCATION MAP

File No. 133-1263

Hope Natural Gas Co.

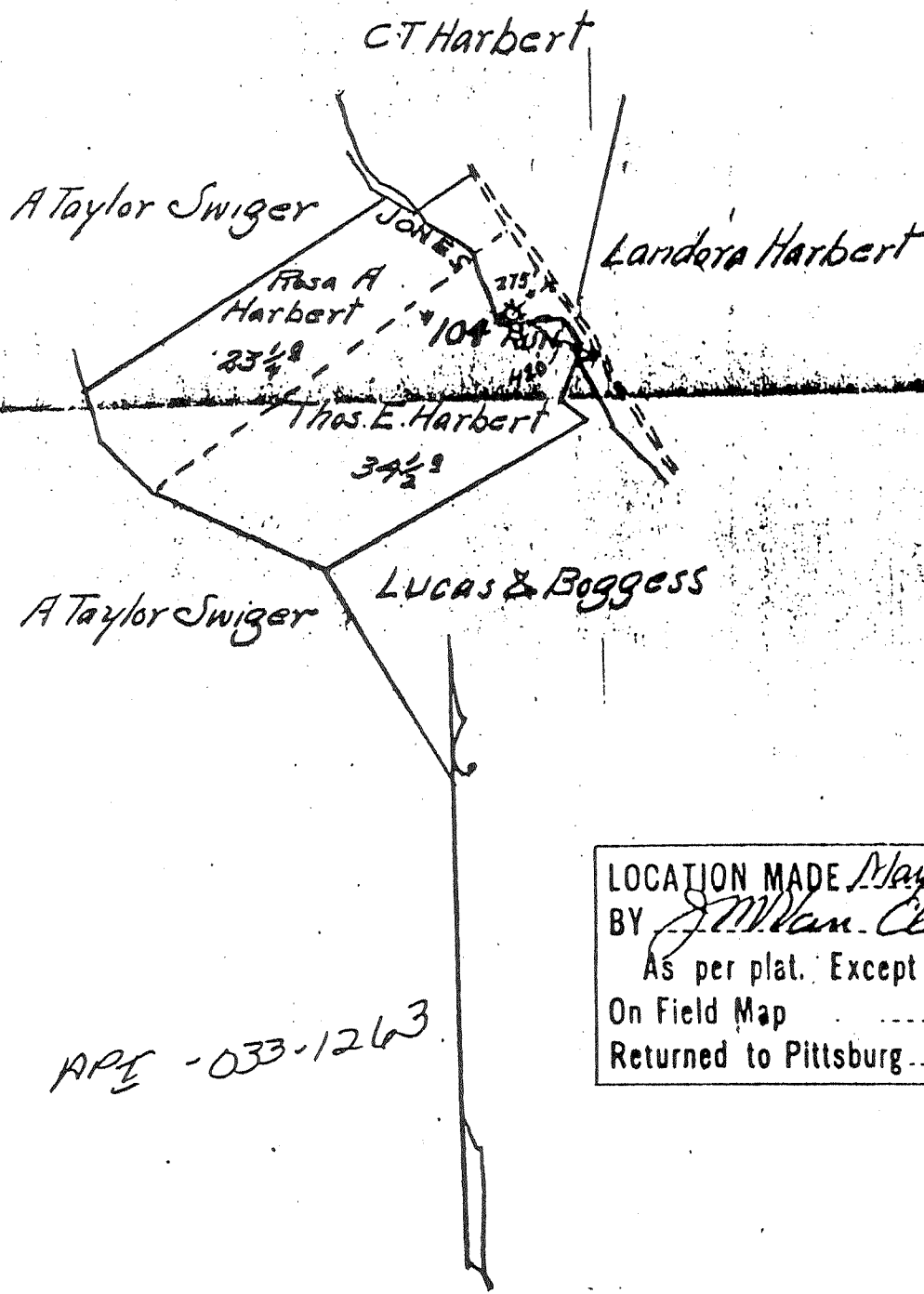
LOCATION FOR WELL No. 104

Buffalo DISTRICT.

On Thos E Harbert Farm, on waters of Jones Run
Eagle District, HARRISON County, West Virginia.

Lease No. 1387 Acres _____ Range: N. _____ S. 5 E. 13 W.

Scale 800' = 1" Made _____ 19____



API - 033-1263

LOCATION MADE	May 26, 1908.
BY	J. M. Van Cleave
As per plat. Except as noted	
On Field Map	19
Returned to Pittsburg	19

RESERVE:.....

SPECIAL INSTRUCTIONS:.....

WELL No. 104

Buff

(O.K. = 10-21-08 = J.B.X.)

J. E. Herbert Farm. Well No. 1 Lease No. 1387
 Eagle Dist. Harrison County, State W. Va. Date of
 Rig Commenced, 190 Rig Completed, 190
 Drilling Commenced, Oct 11 1901 Drilling Completed, Dec 21 1901

CASING RECORD.

Abandoned

Size.	CHARGED TO WELL.		PUT IN WELL.		PULLED OUT OF WELL.		LEFT IN WELL.		TRANSFERRED BEFORE COMPLETION.		LEFT AT WELL NOT IN USE.		Size.	Feet.
	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.		
14			43				43							
10			272		272		272							
8 1/2			862				862							
6 1/8			1372		1372		1372							
5 1/2			186				186							

FORMATION.

TOP.

BOTTOM

REMARKS.

SHOT RECORD

Conductor 16
 Big Lime 1145 1268
 Big Limestone 1268 1342 Gas 1328
 50 ft Sand 1755 1808
 Gas 2051
 Gas 2218
 Total depth 2352

DATE.	SIZE OF SHOT.	LENGTH OF SHELL.	TOP OF 1st SHELL.	TOP OF 2nd SHELL.

PRESSURE

DATE TAKEN.	LIQUID USED.	READING.	SIZE OF OPENING.	1 M.

ROCK PRESSURE

YEAR.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.
1804						
1805	575	570	575	600	630	670
1806	430	425	435	430	440	430
1807	320	315	315	315	315	315
1808	250	275	270	315	270	250
1809	420	465	445	410	380	360
1810	135	125	200	150	120	220
1811	310	320	325	300	280	280
1812						
1813						
1814						

API - 033 - 1263

REMARKS: Hole reduced at 2620 ft 3" Tubing Anchor = 124
 2x64x40 S.P.O.R. Packer Press. 10
 No tubing record by H.N. & Co.
 (9/1/11) 3" tlg. at bottom casing + formation