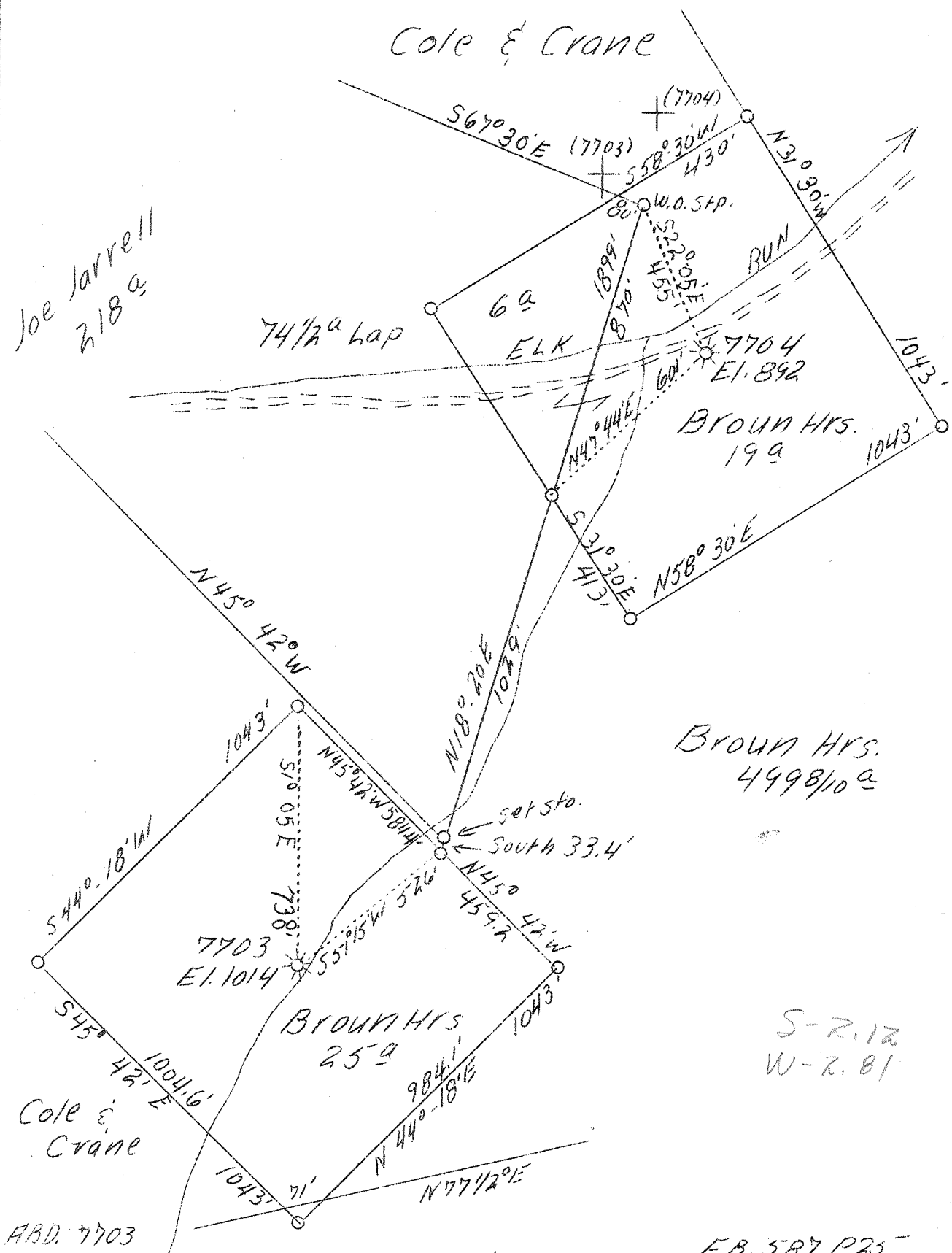


LATITUDE 38°00'

LONGITUDE 81°30'



Broun Hrs. 4998/10a

S-R. 12
W-R. 81

F.B. 587 P25

Company Hope Nat'l Gas Co.
 Address Clarksburg, W.Va.
 Farm Broun Heirs
 Acres 50
 Lease No. 46353
 Serial No. 7703 - 7704
 El. (S.L.) 1014 - 892
 Quadrangle ^{NE} Bald Knob
 County Boone
 District Sherman
 Eng. W.M. Bowers
 Eng. Reg. No. 900
 Date 6/16/39
 Scale 1" - 400'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston
 WELL LOCATION MAP
 File No. B00-71-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.

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

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

726

WELL RECORD

about - 71-A
Permit No. *Boone - Bold Knot - NE*

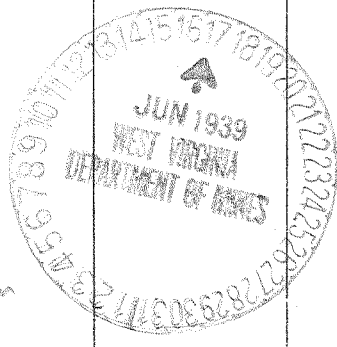
Gas
Oil or Gas Well (Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Broun Heirs Acres 50
Location (waters) Elk Run
Well No. 7703 Elev. 1014
District Sherman County Boone
The surface of tract is owned in fee by Broun Heirs
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 5-15-1928
Drilling completed 8-18-1928
Date shot 8-20-1928 Depth of shot 2615-2657
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 135-200 feet _____ feet
Salt water 950 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	115	115	Size of
8 1/4	1602	1602	
6 5/8	2120	2120	Depth set
5 3/16	2935	Pulled	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT 170 FEET 48 INCHES
270 FEET 36 INCHES 460 FEET 24 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface			0	7			
Hard S and			7	170	Small water	135	
Coal			170	174			
Slate			174	195			
White Sand			195	215	" "	200	
Broken Lime			215	245			
Shells			245	270			
Coal			270	273			
Shells			273	300			
Hard Lime			300	375			
Sand			375	460			
Coal			460	462			
Hard Shells			462	515			
Lime (Broken)			515	675			
Lime			675	700			
Sand			700	770			
Slate			770	785			
Sand			785	820			
Sand Broken			820	864			
White Sand			864	1260	Water	950	
Broken Sand			1265	1330			
Lime			1330	1404			
Sand			1404	1420			
Lime			1420	1435			
Red Rock			1435	1453			
Lime			1453	1525			
Red Rock			1525	1544			
Lime			1544	1571			
Maxon Sand			1571	1611			
Sand			1650	1657			
Lime			1693	1712			
Sand			1740	1749			
Little Lime			1913	1938			
Pencil Cave			1938	2040			
Big Lime			2080	2095			
Grey Lime			2095	2115			
White Lime			2115	2407			
Big Injun Sand			2407	2432			
Lime			2432	2465			
Weir Sand			2465	2686	Gas	2615-2633-2647 2655.	
Lime			2686	2700			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			2700	2876			
Brown Shale			2876	2887			
Berea Sand			2887	2889			
Slate & Shells			2889	2932			
			Original total depth-----		2932,		
			0 riginally filled and plugged to present total depth---		2626.		

Date June 16, 1939

APPROVED. Hope Natural Gas Company, Owner

By *CC Reed* General Supt.
(Title) *m*