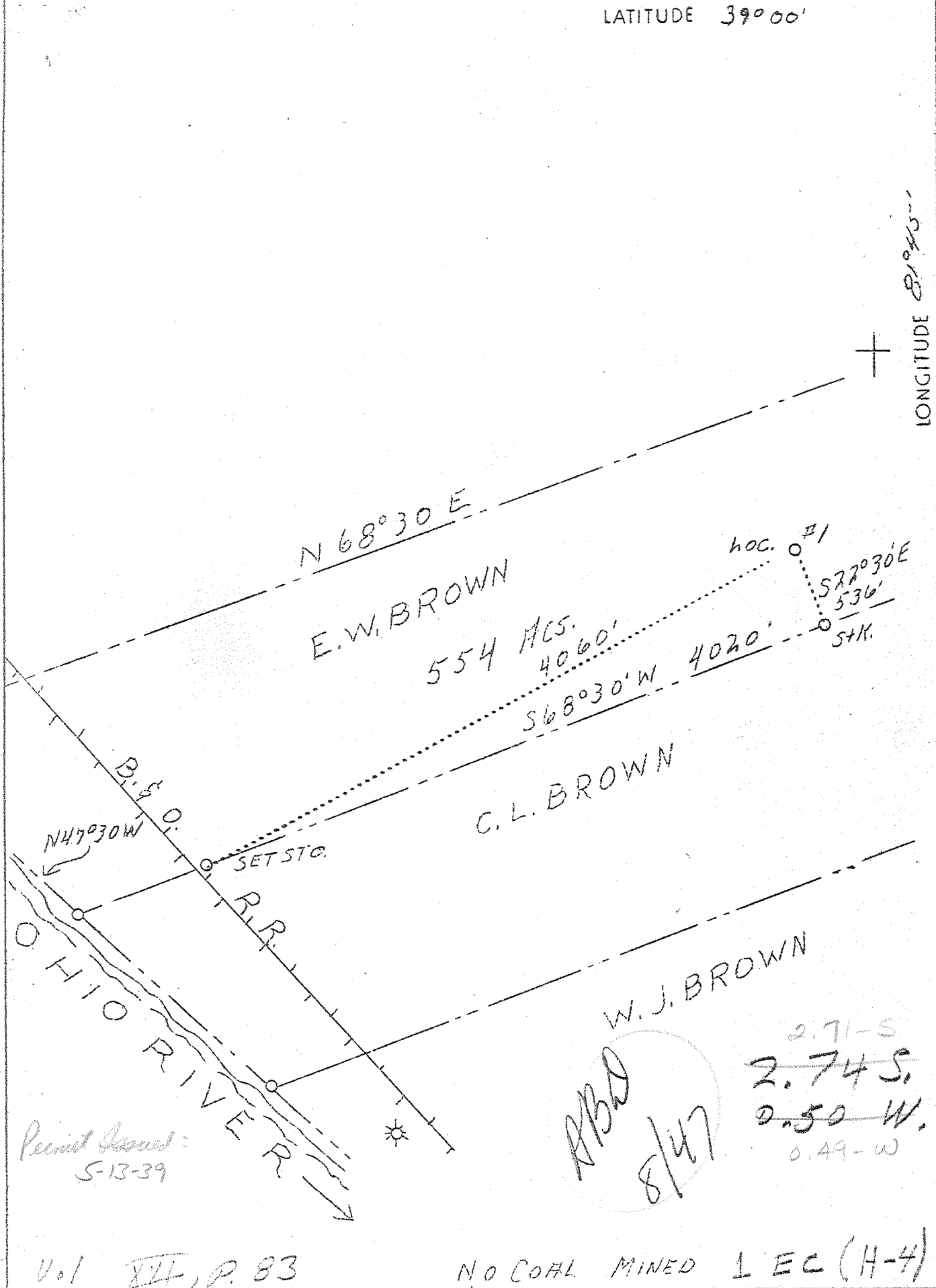


LATITUDE 39°00'

LONGITUDE 81°45'



Permit Issued:
5-13-39

Vol. XIV, P. 83

NO COAL MINED 1 EC (H-4)

Company	Joe Rubin Etals
Address	Parkersburg, W.Va.
Farm	E.W. Brown
Tract	554
Well (Farm) No.	1
El. (S. L.)	620 (Stadia)
Quadrangle	Ravenswood - NE
County	Jackson
District	Ravenswood
Eng.	C. E. Krebs
Eng. Reg. No.	9
File No.	11,612
Date	4/26/39
Scale	1" = 800'

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

WELL LOCATION MAP

File No. 1ac-46

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.

1-1

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Deep Well

E. W. Brown No. 1 Well.

Ravenswood District, Jackson County, W. Va.
 By Joe Rubin et al.
 Permit No. Jac-46.
 Elevation, 620' (Stadia).
 450 M. cu. ft. gas; (Oriskany).
 Located 2.7 mi. S. of 39° 00' and 0.49 mi. W. of 81° 45'—NE—Ravenswood Quadrangle.
 4400 feet northeast of Ohio River.
 0.8 mi. N. of Ravenswood; 2.1 mi. S. of Sherman.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1535	1660	125	— 915
Big Injun Sand -----	1660?		0	—1040
Berea Sand -----	2113	2119	6	—1493
Corniferous Lime -----	4282	4391	109	—3662
Oriskany Sand -----	4391	4408	17	—3771

Thickness, Devonian Shales, 2163 feet. Total depth, 4434'.
 Remarks: Completed July 21, 1939. Shot at 4391-4408'.
 Water, 80-145' and 390-450'. Little gas at 2678'.
 More gas at 2698' (398 M.).
 On 554 acres.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION

W E L L R E C O R D

Permit No. Jac-46	Gas Well		
Ravenswood Quad.	CASING & TUBING		
Company	Joe Rubin, et al	13	150
Address	1200 - 19th St. Parkersburg, W. Va.	10	685 685
Farm	E. W. Brown ACRE 554	8-1/4	1520
Location	-	6-5/8	1701 1701
Well No.	1 ELEV. 620 ?	5-3/16	4305 4305
District	Ravenswood - Jackson County		
Commenced	May 14, 1939		
Completed	July 21, 1939		
Shot	July 23, 1939 - Depth 15'		
Open Flow	-		
Volume	- 398 mcf before shot		
Rock Pressure	- 450 mcf after shot - Oriskany - Vol. XVI		
Water	-		

Formation Color		Top	Base	Result	Formation Color	Top	Base	Result
Surface	red	0	15		Blue Slate	2700	3260	
Gravel		15	20		Brown Shale	3260	3360	
Red		20	50		Blue Slate	3360	3522	
Slate		50	80		Brown Shale	3522	3600	
Slate-Sand		80	145	3 blr.W.	Blue Slate	3600	3620	
Sand		145	200		Brown Shale	3620	3730	
Red Rock		200	210		Blue Slate	3730	4190	
Slate		210	225		Dark Brown Shale	4190	4282	
Sand		225	245		Corniferous Lime - 463	4282	4391	
Red		245	250		Oriskany Sand	4391		
Slate		250	285					
Red Rock		285	320		Little Gas	2678		
Slate	blue	320	340		More Gas	2698	398,000 cf.	
Red		340	365					
Slate		365	390					
Sand	Pittsburgh	390	450	5 blr.W.				TD 4434 - Vol XVI
Slate	blue	450	490					
Slate		490	555					
Red		590	620		Vol. XVI:			
Sand		620	635		Shot			
Red		635	650					
Slate	blue	650	658		4391-4408			
Red		658	695					
Blue		695	735					
Red		735	760					
Slate		760	805					
Slate	blue	805	950					
Sand		850	870					
Slate	blue	870	1120					
Sand		1120	1135					
Slate		1135	1150					
Sand		1150	1195					
Slate	blue	1195	1225					
Sand		1225	1235					
Slate		1235	1270					
Sand		1270	1324					
Slate		1324	1365					
Sand		1365	1385					
Slate		1385	1435					
Sand		1435	1455					
Slate		1455	1490					
Sand		1490	1535					
Lime		1535	1660	Big Lime?				
Slate	blue	1660	2090					
Coffee Shale		2090	2113					
Gerea Sand		2113	2119					
Blue Slate		2119	2678					
Brown Shale (Gas)		2678	2700					