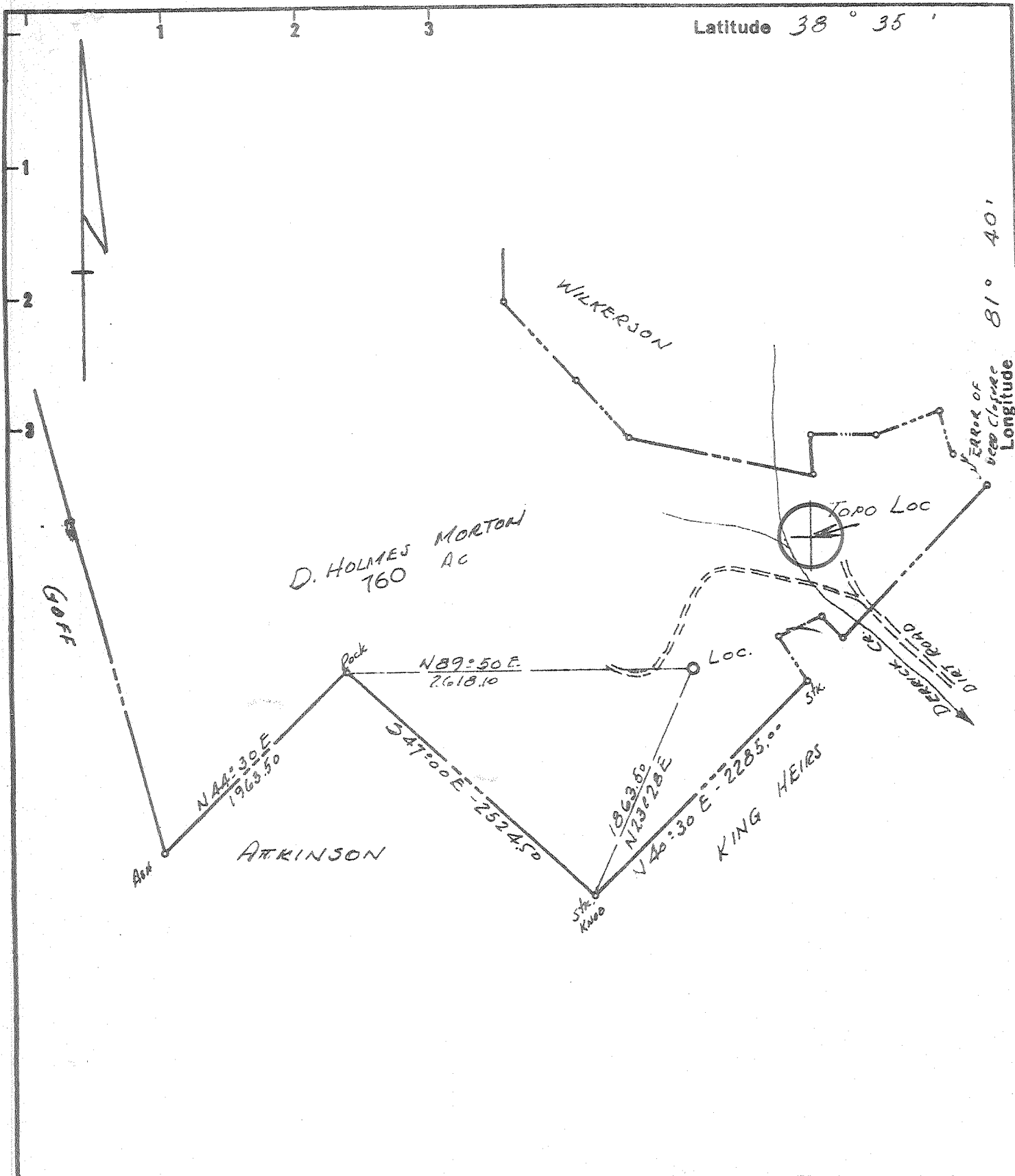


Latitude 38° 35'



- Fracture Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION U.S.G.S B.M. 811' 450' North of Location

9/18/74

Company PATRICK PETROLEUM CORP.  
 Address 744 MICHIGAN AVE - JACKSON, MICHIGAN  
 Farm D. HOLMES MORTON  
 Tract Part of 760 Ac. Tract Acres 750 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 861.20  
 Quadrangle KENNA SW  
 County KANAWHA District POCA  
 Engineer N. L. Sefon  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Nov 30 1968 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. KAN-2344-P

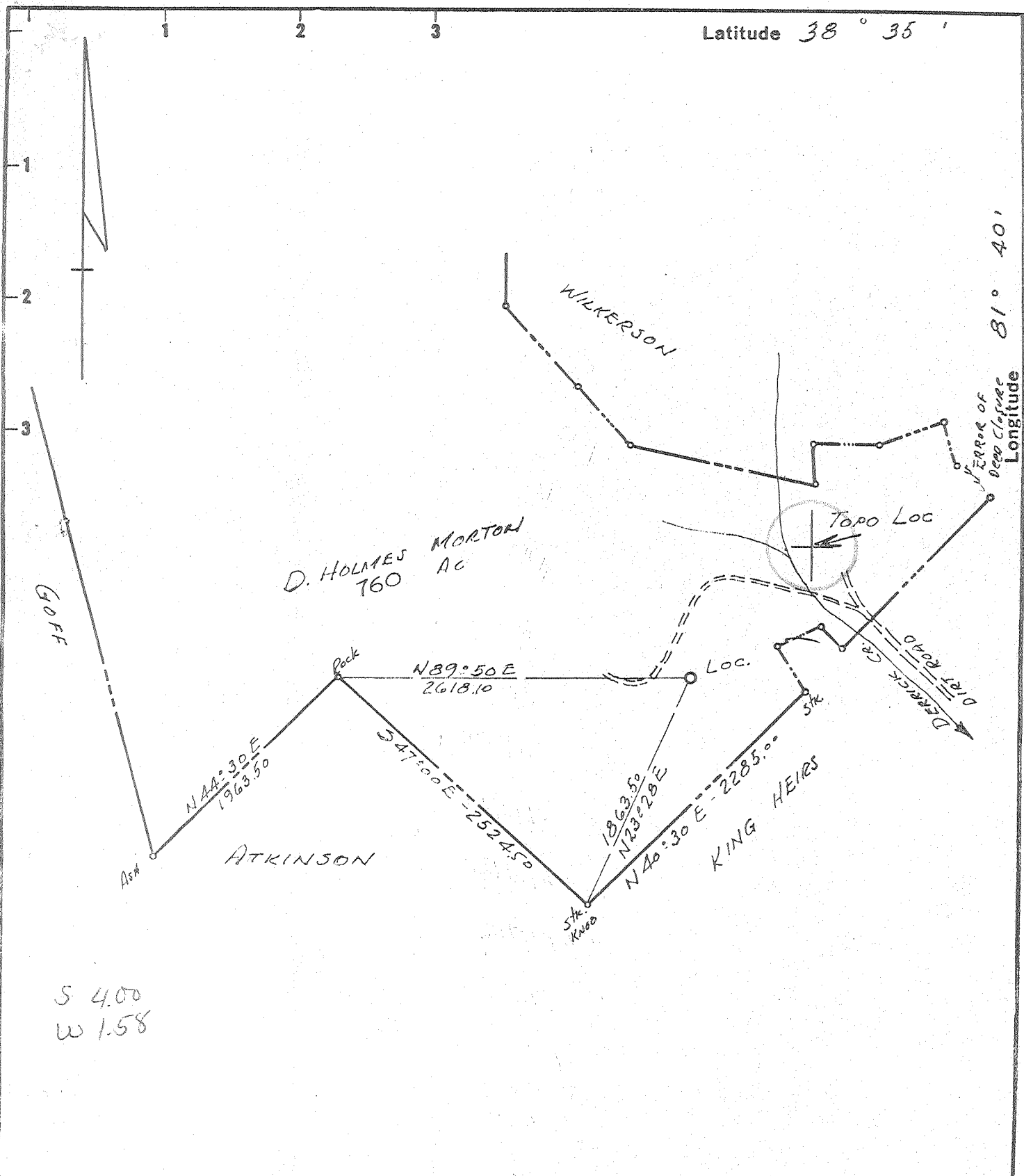
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

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

47.039

Deep Well

AUG 26 1974



- Fracture Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION USGS BM 811' 450' North of Location

Company PATRICK PETROLEUM

Address 744-MICHIGAN AVE - JACKSON, MICHIGAN 49201

Farm D. HOLMES MORTON

Tract Part of T60 Ac. Tract Acres T60 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 861.30

Quadrangle KENNA 3W

County KANAWHA District POCA

Engineer N. L. Sefton

Engineer's Registration No. 1832

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date Nov 30 1968 Scale 1" = 1000'

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

**WELL LOCATION MAP**  
FILE NO. KAN-2344

+ 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.

Deep Well (Newburg) 6-6 Rocky Fork 312 DEC 30 1968



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle KENNA  
Permit No. KAN-2344

**WELL RECORD**

Oil or Gas Well GAS  
(KIND)

Company PATRICK PETROLEUM COMPANY  
Address 744 WEST MICHIGAN AVENUE JACKSON, MICHIGAN 49201  
Farm D. HOLMES MORTON Acres 760  
Location (waters) Derrick's Creek  
Well No. 1 Elev. 861.30  
District POCA County KANAWHA  
The surface of tract is owned in fee by D. Holmes Morton, et ux  
Address Same  
Mineral rights are owned by Same  
Address Same

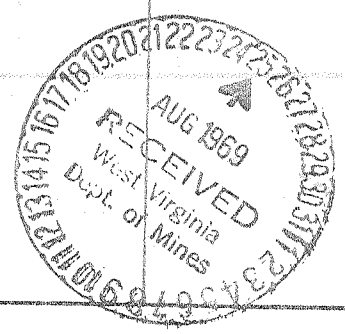
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.	78'	78'	Kind of Packer
13.			
10.			Size of
8 1/4	2002'	2002'	Depth set
6 5/8	5729.6'	5729.6'	
5 3/16			
4 1/2			
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced December 26, 1968  
Drilling completed January 15, 1969  
Date Shot From To  
With  
Open Flow /10ths Water in In  
/10ths Merc. in In  
Volume Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED SIZE No. Ft. Date  
Amount of cement used (bags)  
Name of Service Co.  
COAL WAS ENCOUNTERED AT FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Water Frac - Jel H<sub>2</sub>O with 1000# J111, 600#, J-84, Spearhead  
Frac w/1000 gals. mud acid - 24,000# 20/40 Snd.  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 11,200 MCFGPD 11,200.600  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water Feet Salt Water Feet  
Producing Sand Newburg Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<b>DRILLERS LOG</b>							
bed Rock			0	35			
bed Rock & Sand			35	68			
bed Rock & Shale			68	180			
shale			180	270			
shale & Sand			270	650			
shale & Sand			650	930			
shale			930	1090			
shale w/Sand streaks			1090	1245			
and			1245	1729			
<b>SAMPLE AND GAMMA LOG</b>							
ittle Lime			1729	1763			
ig Lime			1763	1935			
ig Injun			1935	1972			
hale			1972	2373			
offee Shale			2373	2389			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Berea			2389	2400			
Shale			2400	4872			
Onondaga			4872	4967	5728	5728	
Oriskany			4967	4998	4967	861	
Helderberg			4998	5240			
Top of Silurian		--		5240			
Dolomite & Anhydrite			5240	5728			
Newburg			<del>5240</del>	5748	761	4867	
			<u>5728</u>				
TOTAL DEPTH (Logger)				5748			
TOTAL DEPTH (Driller)		McKenzie		<u>5750</u>			

Date August 15, 1969

APPROVED PATRICK PETROLEUM COMPANY, Owner

By Donald C. Supcoe  
 (Title)  
 Donald C. Supcoe