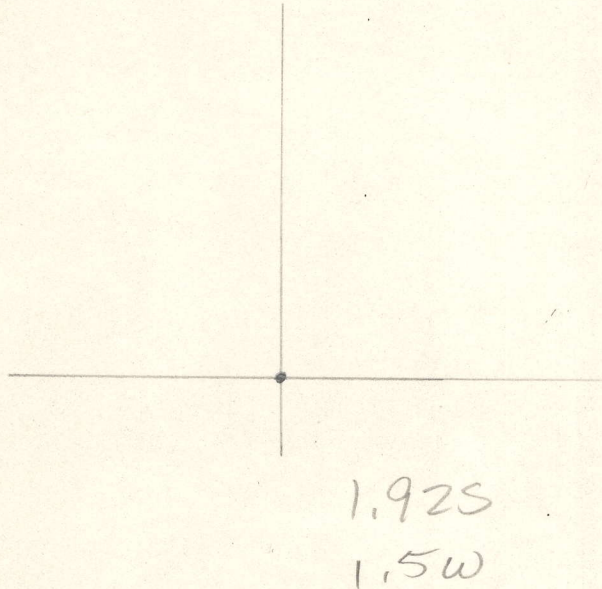


LATITUDE 39 35

LONGITUDE 80 07 30



7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company _____ 134

Farm Z E MICHAEL 1

Quad GRANT TOWN

County MARION

District Pnw Pnw

WELL LOCATION MAP

File No. 30761

A. O. PARKER

E. T. & A. O. PARKER

Z. E. & A. MICHAEL
60 1/2

L. & E. MOORE

Z. R. MICHAEL, ET AL.
20 1/2

Z. E. & A. MICHAEL
40 1/2

B. W. LAWSON HRS.

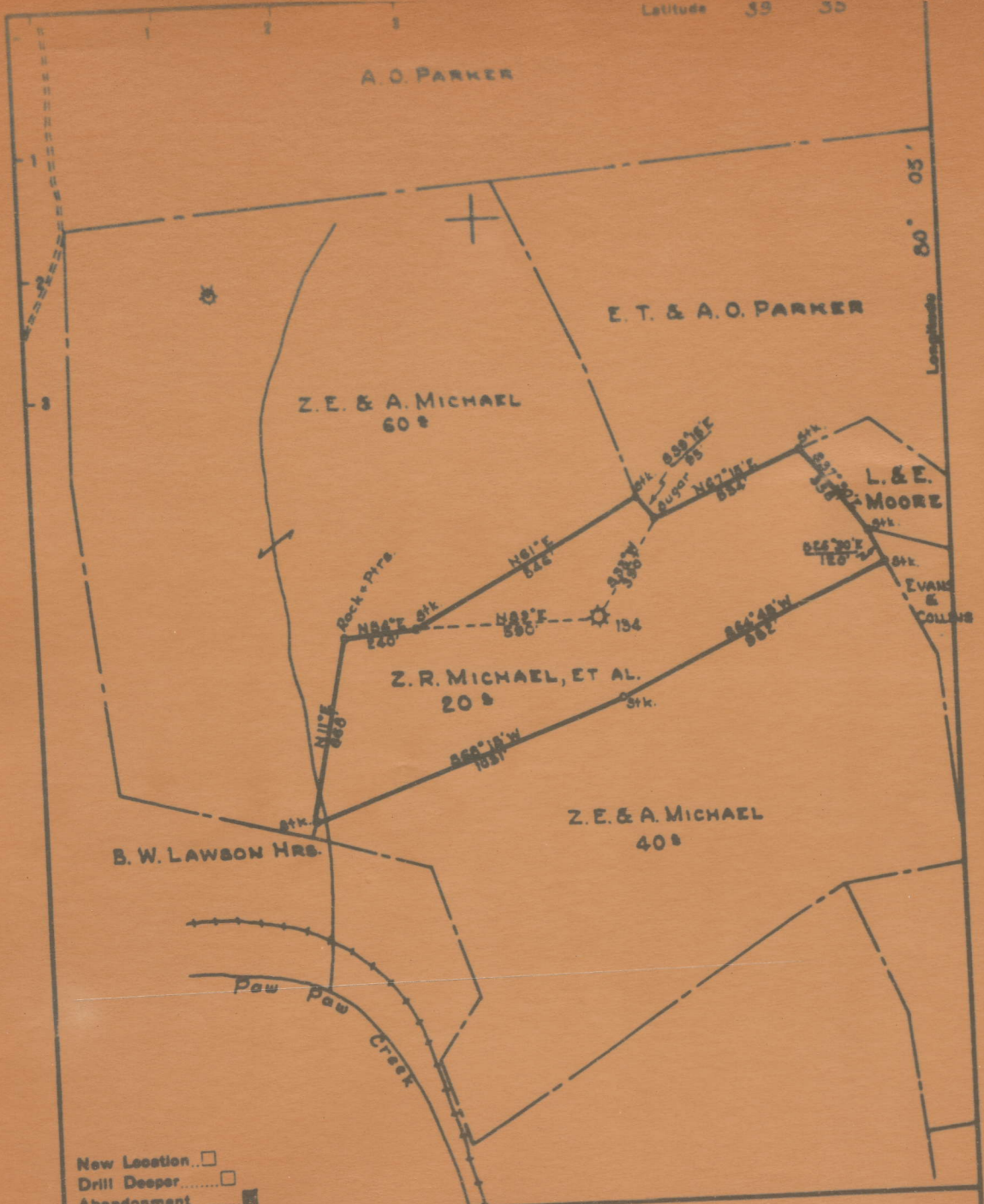
Paw Paw Creek

- New Location
- Drill Deeper
- Abandonment

Company RICHARD JACKSON
 Address HAMLIN, W. VA.
 Farm Z. R. MICHAEL, ET AL.
 Tract Acres 20 Lease No. 319

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

WELL LOCATION MAP



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Permit No. 7012-1014 WELL RECORD

Oil or Gas Well (688)

Company Wilhelm & Jackson
Address Hanlin, West Virginia
Farm L. E. Michael Acres 20
Location (waters) Pan Pan Creek
Well No. 1, Serial 134 Elev. 1197.6'
District Pan Pan County Marion
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced February 4, 1929
Drilling completed February 9, 1930
Date Shot 1/11/30 From 2376' To 2394'
With 40 gts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	16'	16'	Kind of Packer
18			
10	575'	575'	Size of
8 1/2	1334'		
6 1/2	1716'		Depth set
5 3/16	1801'	1801'	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED 1 1/2 INCH SIZE No. Ft. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay, slate, lime and sand			0	518			
Pittsburgh Coal			418	525			
Sand, lime and slate			525	666			
Slate, red rock & sand			666	757			
Sand - hard white			757	781			
Slate, gritty lime, sand			781	883			
Sand - hard white			883	913			
Lime, slate and sand			913	1120			
Slate, lime & sand			1120	1314			
Sand - hard white & gray			1314	1382			
Sand and slate			1382	1419			
Sand - hard gray and white			1419	1495			
Slate, sand, red rock, lime			1495	1725			
Red rock, lime, slate			1725	1777			
Lime - hard gray			1777	1790			
Pencil Gave			1790	1796			
Big Lime			1796	1851			
Injun Sand			1851	1999			
Slate, lime and sand			1999	2137			
Slate			2137	2152			
Lime and slate			2152	2311			
Slate & shells			2311	2336			
Slate			2336	2355			
Sand - hard gray			2355	2361			
Lime			2361	2377			
Sand - hard gray			2377	2427			
Slate			2427	2428			
Total Depth				2428			

Completed seal 7/20/29 - mixture
35 sacks sand - 70 sacks cement
as 745-750 - show only

Water 1454 - (salty)
water 1457-1463 - hole fall - Salt
Water level 525'

Gas 1861-1866 - unable to test
Gas 1961-1963' - 36 MCF
Gas 2175' + 27 MCF

Gas 236-2380 - 61 MCF
Small show of oil in Injun or Gave

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