

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1st. m 2.00
 Source of Elevation Cobet Corp Well No. 1021 Elev. 690'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company PATRICK OIL & GAS CO
724 MICH. AVE.
 Address JACKSON, MICHIGAN
 Farm BILLY H. HAMILTON
 Tract _____ Acres 120 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 643.4
 Quadrangle KENNA SW
 County KANAWHA District POCA
 Engineer N. E. Lepton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date FEB 8th '69 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. KAN-2366

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle KENNA

Permit No. KAN-2366

WELL RECORD

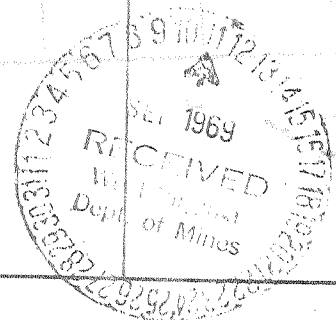
Oil or Gas Well Gas Dry
(KIND)

Company PATRICK OIL & GAS COMPANY
Address 744 W. Michigan Ave., Jackson, Mich.
Farm BILLY R. HAMILTON Acres 120
Location (waters) Frogs Creek
Well No. 1 Elev. 643.4'
District Poca County Kanawha
The surface of tract is owned in fee by Billy R. Hamilton, et al
Address et al
Mineral rights are owned by Same
Address
Drilling commenced 3-8-69
Drilling completed 3-27-69
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) D&A
WELL FRACTURED (DETAILS)
RESULT AFTER TREATMENT (Initial open Flow or bbls.)
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

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

Attach copy of cementing record.
CASING CEMENTED Yes / left in well
Amount of cement used (bags) SIZE No. Ft. Date
Name of Service Co.
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	Remarks
LITHOLOGY FROM GAMMA RAY AND SAMPLES							
Sand			0	66			
Siltstone & Shale			66	228			
Sand			228	252	Hole damp at 230'		
Shale			252	329			
Sand			329	352			
Shale			352	466			
Sand			466	498			
Shale			498	546			
Sand			546	595			
Siltstone & Shale			595	716			
Sand			716	726			
Shale			726	738			
Sand			738	760			
Shale			760	770			
Sand			770	810			
Shale			810	820			
Sand			820	880			
Shale			880	1004			
Sand			1004	1016			
Shale			1016	1078			
Sand			1078	1087			
Shale			1087	1124			
Salt Sand			1124	1597			
Little Lime			1597	1613			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			1613	1650	Rather impure Good Limestone		
Big Lime			1650	1768			
Big Injun			1768	1811			
Shale			1811	1819			
Sand			1819	1830	Upper Weir		
Shale			1830	1836			
Sand			1836	1851	Lower Weir		
Shale			1851	1854			
Sand			1854	1858			
Shale			1858	2216			
Coffee Shale			2216	2236			
Berea			2236	2249			
Shale			2249	4689			
Onondaga Lime			4689	4695			
Lime & Chert			4695	4781			
Oriskany			4781	4808			
Shale			4808	4824			
Oriskany			4824	4829			
Shale			4829	4832			
Oriskany			4832	4840			
Helderburg			4840	5045			
Top Silurian				5045			
Dolomite & Annydrite			5045	5535		5535	5535
Newburg			5535	5563		4832	643
Shaley Dolomite		McKenzie	5563	5573			
	TOTAL	DEPTH		5573	(Driller)	703	4892
	TOTAL	DEPTH		5568	(Logger)		

Date September 2, 1969

APPROVED PATRICK OIL & GAS COMPANY

Owner

By

Donald C. Supcoe
(Title)

Donald C. Supcoe