

New Location
 Drill Deeper
 Abandonment

To Be Drilled
 Deeper
 2-10-66

Company Paul Heaster
 Address West Union, W. Va.
 Farm Earl Pierce
 Tract 2 Acres 25 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 872
 Quadrangle Holbrook - (NC)
 County Ritchie District Union
 Engineer Parker E. Peters
Field W.P.I.
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date Jan. 4, 1960 Scale 1" = 30 P.

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

WELL LOCATION MAP
 FILE NO. Rit-2153-DD

class: 6
 + 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 Holbrook

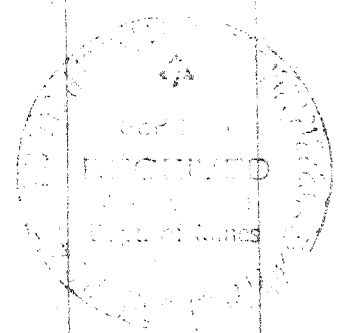
Permit No. RIT - 2153 - D

WELL RECORD

Oil or Gas Well Oil + Gas
(KIND)

Company <u>FRANCIS M. FRIESTAD</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1104 Campus hills Blvd.-Rockford, Ill.</u>	Size			
Farm <u>Earl Pierce</u> Acres <u>25</u>	16	12	12	Kind of Packer
Location (waters) <u>Bear Run</u>	13			Size of
Well No. <u>1</u> Elev. <u>872</u>	10			Depth set
District <u>Union</u> County <u>Ritchie</u>	8 1/4	980	980	Perf. top <u>1906</u>
The surface of tract is owned in fee by <u>Earl Pierce</u>	6 3/4	1780		Perf. bottom <u>1906</u>
Address <u>Pullman, W. Va.</u>	5 3/16	1960	1960	Perf. top
Mineral rights are owned by <u>Same</u>	4 1/2	1960		Perf. bottom
Address	3			
Drilling commenced <u>12-12-65</u>	2			
Drilling completed <u>2-22-66</u>	Liners Used			
Date Shot <u>none</u> From To				
With				
Open Flow /10ths Water in Inch	Attach copy of cementing record.			
/10ths Merc. in Inch	CASING CEMENTED <u>4 1/2</u> SIZE <u>1960</u> No. Ft. <u>3/21/66</u> Date			
Volume <u>show</u> Cu. Ft.	Amount of cement used (bags) <u>75</u> cu.ft. lit poz <u>2</u>			
Rock Pressure lbs. hrs.	Name of Service Co. <u>Dowell</u>			
Oil <u>show</u> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT FEET INCHES			
WELL ACIDIZED (DETAILS)	FEET INCHES FEET INCHES			
WELL FRACTURED (DETAILS) <u>42,000 gals.- 55000 20-40 sand</u>	FEET INCHES FEET INCHES			
RESULT AFTER TREATMENT (Initial open Flow or bbls.)	<u>10 BOPD - 200 mcf GPD</u>			
ROCK PRESSURE AFTER TREATMENT <u>485</u> HOURS <u>12 hrs.</u>				
Fresh Water Feet Salt Water Feet				
Producing Sand <u>Big Injun</u> Depth				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			1780	1800			From GR-N
<u>Big</u> lime			1800	1864	1800'	BIG LIME	Density
<u>Big Injun</u> lime & sand			1864	1929			Big Injun
Shale			1929	1960			
Total Depth			1960				
			<u>1960</u> <u>1754</u> <u>206</u>				





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

Quadrangle Helbrook
Permit No. RIT- 2153

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Paul Heaster
Address West Union
Farm Earl Pierce Acres 25
Location (waters) Bear Run
Well No. 1 Elev. 872
District Union County Ritchie
The surface of tract is owned in fee by Earl Pierce
Address _____
Mineral rights are owned by Same
Address _____
Drilling commenced 15 Oct. 1959
Drilling completed 20 Dec. 1959
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 00 lbs. _____ hrs.
Oil 20 bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	367		Size of
8 1/4	980	980	
6 3/4	1727	1727	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED NO SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water: 140 Feet Salt Water: 1250 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top			0	40			
Sand			40	50			
Red Rock			50	135			
Slate			135	160			
Red Rock			160	200			
Lime			200	205			
Red Rock			205	210			
Slate			210	220			
Sand			220	244			
Slate			244	280			
Red Rock			280	315			
Slate			315	344			
Red Rock			344	354			
Slate			354	370			
Sand			370	385			
Slate			385	392			
Red Rock			392	414			
Sand			414	420			
Red Rock			420	449			
Lime			449	450			
Red Rock			450	470			
Slate			470	510			
Red Rock			510	520			
Slate			520	570			
Red Rock			570	590			
Slate			590	610			
Red Rock			610	728			
Slate			728	750			
Lime			750	775			



Formation	Color	Hard or Soft	Top ¹²	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			775	785			
Slate			785	810			
Slate	Black		810	820			
Lime			820	827			
Slate			827	837			
Lime			837	850			
Red Rock			850	875			
Lime	Gritty		875	905			
Slate			905	955			
Slate	Black		955	983			
Sand			983	1030			
Slate			1030	1040			
Sand			1040	1094			
Slate & Sand			1094	1292			
Slate			1292	1320			
Sand			1320	1380			
Slate & Sand			1380	1425			
Sand			1425	1480			
Slate			1480	1482			
Sand			1482	1513			
Slate			1513	1543			
Lime			1543	1554			
Sand			1554	1596			
Slate			1596	1680			
Sand			1680	1696			
Slate			1696	1738			
Lime			1738	1740			
Sand			1740	1754			
<i>total depth</i>				<i>1754</i>			

WENT RECORD

Date _____, 19__

APPROVED _____, Owner

By _____ (Title)

