

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

Source of Elevation SUMMERS (865')

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.

*Chet Waterman*

Company	FRANCES FRIESTAD		
Address	ROCKFORD, ILLINOIS		
Farm	J. M. JONES (was Eliza C. L.)		
Tract	Acres	30	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	885.5'		
Quadrangle	HOLBROOK C		
County	DODDRIDGE	District	SOUTHWEST
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	66003-205	Drawing No.	
Date	10/4/66	Scale	1" = 300'

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

**WELL LOCATION MAP**

FILE NO. DOD - 1418 - RED

+ 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.

*Drilled 1924  
by Son (4875)  
Right W Va Gas*

66-133



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 8

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD

Oil or Gas Well G&O

(KIND)

Quadrangle Holbrook ne

Permit No. DOD - 1418 RED.

Company FRANCIS M. FRIESTAD  
 Address 1016 LEXINGTON WAY  
ROCKFORD, ILLINOIS  
 Farm J.M. JONES Acres 30.0  
 Location (waters) Br. of Hughes River  
 Well No. One Elev. 885.5'  
 District Southwest County Doddridge  
 The surface of tract is owned in fee by Mr. c. Richards  
 Address Oxford, W. Va.  
 Mineral rights are owned by Same  
 Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	10'	10'	
13			
10	267'	267'	Size of
8 1/4	886'		
6 5/8 liner	52'	52'	Depth set
5 3/16			
4 1/2	1960'	1960'	
3			Perf. top <u>1822</u>
2			Perf. bottom <u>1865</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Drilling commenced 10/16/66 Drilled 1/23/24  
 Drilling completed 10/26/66 Drilled 2/23/24  
 Date Shot none 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.

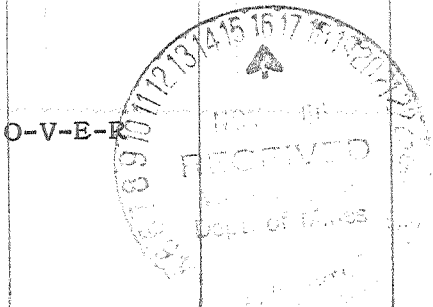
Attach copy of cementing record.  
 CASING CEMENTED 4.5' SIZE 1960 No. Ft. 10/26/66 Date  
 Amount of cement used (bags) 25 Common, 25 Cealment  
 Name of Service Co. Dowell  
 COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL ACIDIZED (DETAILS) \_\_\_\_\_  
 WELL FRACTURED (DETAILS) 1250 Bbls., 27000# 20-20, 19000# 10-20 sand, 62,000 N<sub>2</sub>, 2000 HHP  
24 B/M at 3200 psi.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 500 mcf & show of oil  
 ROCK PRESSURE AFTER TREATMENT 170 HOURS 36  
 Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Big Injun Depth 1822-65'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
This well drilled from 1/23/24 to 2/23/24 by Pittsburg & West Virginia Gas Co. under name of Eliza C. Wilson no. 4875. Drilling record of well is given as below:							
dirt	yellow	h	0	5			
sand	red	s	5	40			
red rock	whd	h	40	100			
sand	white	s	100	130			
red rock	red	s	130	160			
lime&slate		broken	160	300			
red rock		s	300	340			
lime&red rock			340	500			
slate	light	s	500	540			
red rock		s	540	610			
lime&slate		broken	610	710			
red rock		s	710	760			
grity lime			760	795			
slate	dark	s	795	820			
grity lime			820	845			
red rock		s	845	870			
sand-Big Dunkard		h	870	890			
slate&shells			890	950			
lime&slate		broken	950	1050			
sand(Gas)	white	s	1050	1095			

017  
2064  
(4705)



Formation	Color	Hard or Soft	Top $\delta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate&shells			1095	1145	water	1060	
grity lime		s	1145	1220			
slate&shells			1220	1360			
1 st Salt Sand			1360	1490			
slate&shells			1490	1575			
2 nd Salt Sand white		h	1575	1637	water	1620	
slate&shells			1637	1694			
Little Lime	Dark	h	<u>1694</u>	1717			
Blue Monday	Light	h	1717	1733	sh.oil	1722	
Big Lime	"	h	<u>1733</u>	1796			
Big Injun	"	h	<u>1796</u>	1871	sh.gas	1856	
slate&shells			1871	1960			
Total Depth .....				1960			

( Gamma-Ray indicates true top of Big Lime at 1747' )

Date November 14, 19 66

APPROVED FRANCIS M. FRIESTAD, Owner

By  Consultant