

Well Location X
 Drill Deeper
 All environment

Company F. A. Johnson
 Address Oil City Pa
 Farm J. K. Long Heirs
 Tract One Acres 149 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1254 Feet
 Quadrangle Littleton NC
 County Wetzel District Center
 Engineer J. M. Cochran
 Engineer's Registration No. Co. Surveyor
 File No. _____ Drawing No. _____
 Date 5-1-1948 Scale 1-in. = 30 Pds

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

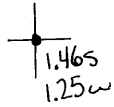
WELL LOCATION MAP
 FILE NO. Wet-347

+ 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.

Latitude

Longitude



Topo Location

7.5' Loc. _____ **15' Loc.** _____
_____ (calc.) _____

Company F A Johnson

Farm J K Long Hrs

15' Quad _____
(sec.)

7.5' Quad Littleton

District Center

WELL LOCATION PLAT

County 103 **Permit** 347



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. WET-347 ³⁴⁷
Wetzel Center Wetzel 803. Highway Wetzel, Pa. Oil or Gas Well (KIND)

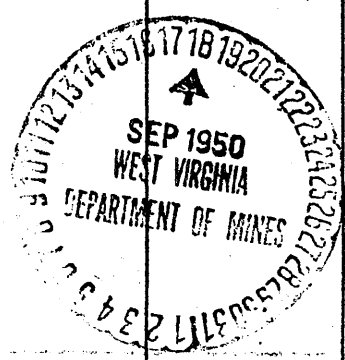
Company F. Arthur Johnson - Ass. Investors Oil & Gas Syndicate, Inc.
Address Pittsburgh, Pa.
Farm G. W. Clark J. H. Long Hans Acres 148-A
Location (waters) _____
Well No. 1 Elev. 1254
District Center County Wetzel
The surface of tract is owned in fee by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10-1/4	321'		Size of
8 3/4	1661'		
6 3/4	2262'		Depth set
5 3/16	3285'		
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Mineral rights are owned by J. H. Long Hans Gruber
J. H. Long J. C. Clark Address _____
Drilling commenced October 30, 1948
Drilling completed July 25 - 1950
Date Shot July 27 From 2234 To 2214
With 40 psi Guy
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil approx 2 bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
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			0	8			
Shelly			8	20			
Shale and lime			20	300			
Red rock			300	325			
Sand			325	350			
Slate and lime			350	750			
Sand			750	780			
Shale			780	870			
Coal			830	835			
Lime			835	900			
Slate shell			900	1050			
Lime			1050	1180			
Coal			1180	1185			
Lime			1185	1270			
Slate			1270	1285			
Pittsburgh coal			1285	1292 - SLM		1285	
Lime			1292	1315		1254	
Slate			1315	1350		- 31	
Red rock			1350	1370			
Slate			1370	1400			
Sand			1400	1430			
Red rock			1430	1440			
Slate			1440	1500			
Lime			1500	1510			
Slate			1510	1675			
Sand			1675	1700			
Slate			1700	1750			
Sand <u>BD.</u>			1750	1830			
Slate			1830	1900			
Sand <u>L.G.</u>			1900	1990			
Slate			1990	2030			
Sand			2030	2060			
Slate			2060	2070			
Sand			2070	2110			
Slate			2110	2190			
Sand			2190	2270			
Slate			2270	2400			
Sand			2400	2425			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	<i>Pencil</i>		2425	2435			
Line	<i>Big</i>		2435	2485			
Injun sand			2485	2735			
Slate			2735	2800			
Slate and shell			2800	3165			
Pink rock			3165	3282			
Line			3282	3286			
Slate			3286	3292			
Line			3292	3311			
Gordon sand			3311	3336	Oil - Gas	3315-3316	
Total depth				3336			

2435
 1254
 1181

Date _____, 19____
 APPROVED *[Signature]* Owner
 By *[Signature]* (Title)