

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

[Signature]
E. P. S. No. 1227

New Location.....
 Drill Deeper.....
 Abandonment.....

Elev. ref: - Well No. 1, A.M. Greathouse Hrs. = 1140'
 Error in Closure :- Less than 1 in 200'

Company LITTLE SWISS OIL & GAS CO.
 Address P.O. Box 1834, Huntington, W. Va.
 Farm M. D. Barnett
 Tract _____ Acres 69.25 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1241
 Quadrangle Yedia - NW
 County Doddridge District Greenbrier
 Engineer [Signature]
 Engineer's Registration No. 1727
 File No. _____ Drawing No. _____
 Date July 11, 1966 Scale: " = 30p = 495'

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

WELL LOCATION MAP
 FILE NO. DOD-1390

⊕ 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 Vadis
Permit No. DODD-1390

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Joseph H. Hager & Virgil E. Stanley
DBA Little Swiss Oil & Gas Company
Address P.O. Box 1834, Huntington, W. Va.
Farm M.D. Barnett, Sr. Acres 69.25
Location (waters) Buckeye Run
Well No. 1 Elev. 1241
District Greenbrier County Doddridge
The surface of tract is owned in fee by Ruby M. Devericks
Address _____
Mineral rights are owned by Mrs. S.E. Barnett, Sr. et al
338-S 24th St. Address Clarksburg, W. Va.
Drilling commenced 7-25-66
Drilling completed 9-15-66
Date Shot From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.	21	21	
13.			
10.	346		Size of
8 1/4	1491	1491	
6 3/4	1805	345	Depth set
5 3/16			
4 1/2	2560	2560	
3.			Perf. top 2472
2.			Perf. bottom 2480
Liners Used			Perf. top 2455 s
			Perf. bottom

Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs _____ hrs.
Oil _____ 2 bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 4-1/2 SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT 1002 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

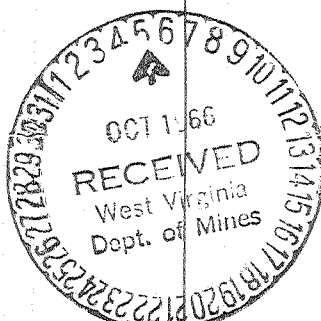
WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) 395 barrels water, 300# WAC 10 250 Gel 15% Acid
20/40 Sand 3500# - 300# WACLD 20/40 - 18,000# 500 barrels water

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____ 2 B.O.

ROCK PRESSURE AFTER TREATMENT 50# HOURS _____
Fresh Water None Feet _____ Salt Water 1760 Feet _____
Producing Sand Injun Depth 2480'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil		S	0	21			
Sand	Blue	H	20	60			
Sandy Shale	Blue	S	60	100			
Sand	Blue	H	100	112			
Rock	Red	H	112	120			
Sandy Shale	Gray	H	120	142			
Rock	Red	S	142	160			
Sand	Blue	H	160	200			
Shale	Blue	S	200	220			
Rock	Red	S	220	235			
Shale	Blue	S	235	270			
Sand	Blue	H	270	310			
Rock	Red	S	310	346			
Shale	Blue	H	346	370			
Sand	White	H	370	405			
Shale	Blue	S	405	415			
Rock	Red	S	415	420			
Slate	Gray	S	420	444			
Coal		S	444	446			
Shale	Gray	S	446	500			
Rock	Red	S	500	540			
Shale	Gray	S	540	572			
Rock	Red	S	572	662			
Sand	White	S	662	685			
Rock	Red	S	685	700			
Slate	Gray	S	700	730			
Rock	Red	S	730	745			
Slate	Blue	S	745	772			
Rock	Red	S	772	830			



Show of coal 435'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Shale	Gray	S	830	845			
Sand	White	H	845	885			
Sandy Shale	Blue	S	885	985			
Sand	White	H	985	1002			
Coal		S	1002	1008			
Shale	Gray	S	1008	1047			
Sand	White	H	1047	1075			
Shale	Blue	S	1075	1110			
Slate	Black	S	1110	1125			
Shale	Gray	S	1125	1260			
Rock	Red	S	1260	1275			
Slate	Blue	S	1275	1325			
Rock	Red	S	1325	1340			
Shale	Blue	S	1340	1480			
Slate	Gray	S	1480	1513			
Sand	Blue	H	1513	1536			
Sandy Shale	Blue	H	1536	1710			
Slate	Gray	S	1710	1760			
Salt Sand	Gray	H	1760	1800			
Slate	Black	S	1800	1815			
Lime	Gray	H	1815	1835			
Shale	Blue	H	1835	1870			
Salt Sand	Gray	H	1870	1960			
Slate	Gray	S	1960	2025			
Sand Shale	Blue	S	2025	2050			
Salt Sand	Gray	H	2050	2100			
Slate	Gray	S	2100	2168			
Slate	Black	S	2168	2263			
Rock	Red	S	2263	2265			
Sand	White	H	2265	2277			
Rock	Red	S	2277	2290			
Slate	Gray	S	2290	2305			
Little Lime		H	2305	2320			
Slate	Gray	S	2320	2345			
Lime (Big)		H	2345	2430			
Injun Sand		H	2430	2483			
Slate	Gray	S	2483	2554			
Sandy Shale	Blue	H	2554	2600			
Sand	Gray	H	2600	2710			
Shale	Blue	S	2710	2816			
Berea Sand	Gray	H	2816	2841			Show of oil 2820'
Sandy Shale	Blue	H	2841	2932			
Shale	Gray	S	2932	2972			
Rock	Red	S	2972	2982			
Slate	Gray	S	2982	3025			
Sand		H	3025	3030			
Slate	Gray	S	3030	3093			
Rock	Red	S	3093	3100			
Gordon Stray		H	3100	3110			Show of gas 3107'
Slate	Gray	S	3110	3165			
TOTAL DEPTH			3165				

Date October 4, 1866

APPROVED LITTLE SWISS OIL & GAS COMPANY, Owner

By Joseph W. Hager, Partner
(Title)