

Company *Mills Drilling*
 Address *Box 65, Wayne, WV 25570*
 Farm *HARRY LAMBERT*
 Tract _____ Acres *35* Lease No. _____
 Well (Farm) No. *489-A* Serial No. _____
 Elevation (Spirit Level) *931.50*
 Quadrangle *WAYNE 15/7.5*
 County *WAYNE* District *UNION*
 Engineer *C.C. HAMPTON*
 Engineer's Registration No. *KY. 2275*
 File No. _____ Drawing No. _____
 Date *8-27-66* Scale *1" = 400'*

STATE OF WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil & Gas
 Nitro, WV.

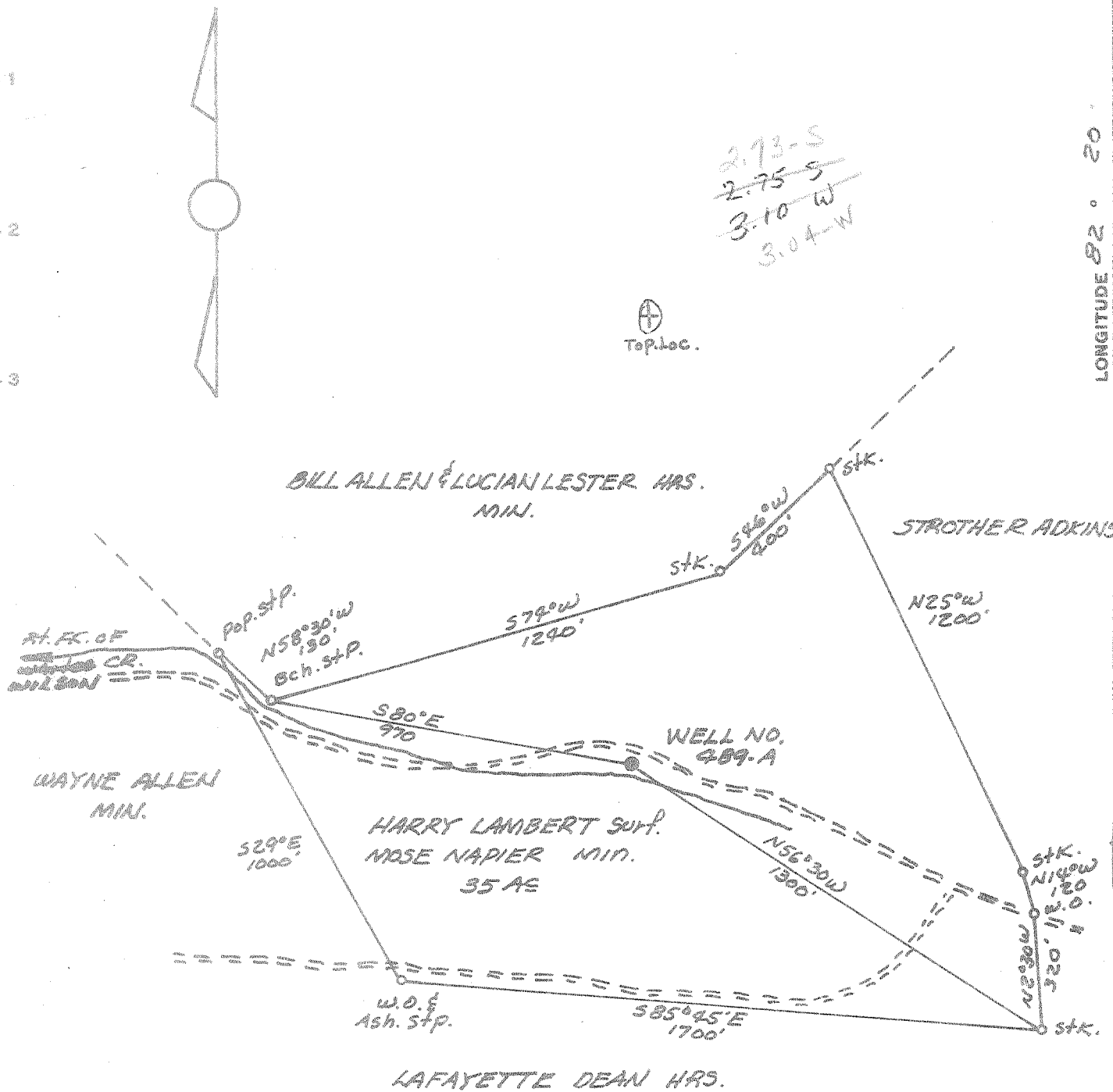
WELL LOCATION MAP
Well No. 47-099-00118-P

+ 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 38° 15'

LONGITUDE 82° 20'



2.73-S
 2.75-S
 3.10-W
 3.04-W

⊕
 Top Loc.

Minimum Error of Closure 1" = 200'
 Elev. 590.00
 Source of Elevation U.S. GOV. B.M. NO. 117 JJS LOG. ON

Bridging of Bridge on U.S. 52 at mouth of Wilson Cr

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.

Signed: Carl E. Hampton
 Squares: N S E W

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Map No.

Company CLIFFORD MILLS
 Address WAYNE, W.VA.
 Farm HARRY LAMBERT
 Tract _____ Acres 35 Lease No. _____
 Well (Farm) No. 489-A Serial No. _____
 Elevation (Spirit Level) 931.50
 Quadrangle WAYNE-NC
 County WAYNE District UNION
 Engineer C.C. HAMPTON
 Engineer's Registration No. KV. 2275
 File No. _____ Drawing No. _____
 Date 8-27-66 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. Way-118-DD-W

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Way-118

Gas Well

Wayne Quad.

CASING & TUBING

Company	The Owens, Libbey-Owens Gas Dept.	10	75	75
Address	P.O. Box 1375, Charleston, W.Va.	8 1/4	550	550
Farm	J.G.Lambert Acres 35	6 5/8	1355	1355
Location	Wilson Creek	3	1442	1442
Well No.	489 Elev. 930'			
District	Union County Wayne			
Surface	J.G.Lambert, Wayne, W.Va.			PACKER
Mineral	French Napier, Wayne, W.Va.	Kind	Heeter Disc	
Drilling	Commenced Aug. 28, 1937		Wall	
	Completed Oct. 26, 1937	Size of	6 5/8 x 3"x	
Date Shot	10-25-37 Depth 2676-3360		16"	
Volume	1,522,000 Cu.Ft.	Depth	1438-1442	
Rock Press.	460# 48 hrs.			

Formation	Color	Hor	TOP	Base	Result	Formation	Color	Hor	TOP	Base	Result
Clay	Yellow	S	0	20		Slate&Shells	Light	M	2289	2302	
Slate	Gray	S	20	38		Slate&Shells	Dark	M	2302	2330	
Slate	Gray	S	38	75		Slate & Shells	Light	M	2330	2504	Gas
Slate	Dark	S	75	191	Water	Shells	Black	M	2504	2520	2475'
Sand	Light	S	191	202	120'	Slate	Light	M	2520	2525	30,000
Slate	Dark	S	202	288	Hole	Shale	Brown	S	2525	2727	
Sand	Gray	S	288	350	Full	Shale	White	M	2727	2753	Gas
Slate	Dark	S	350	352		Shale	Brown	S	2753	3062	2525'
Sand	White	S	352	389		Slate	White	S	3062	3295	10,000
Slate	White	S	389	394		Shale	Brown	S	3295	3359	
Sand	White	S	394	452		Corniferous Lime D.	S	3359	3360	Gas	
Slate	Dark	S	452	542		TOTAL DEPTH			3360	2690'	
Sand	White	S	542	589						10,000	
Slate	Dark	S	589	647						Gas	
Lime	Gray	H	647	657						2798'	
Sand	Gray	H	657	677						10,000	
Slate	Gray	S	677	707						Gas	
Sand	Gray	S	707	726						2810'	
Slate&Shells	Light	S	726	801						10,000	
Sand	White	H	801	813						Gas	
Slate&Shells	Dark	S	813	867						2878'	
Slate	Dark	S	867	897						8,000	
Salt Sand	Gray	H	897	1043	Water					Gas	
Slate & Shells	Dark	S	1043	1082	950'					2930'	
Salt Sand	White	H	1082	1165	Hole					62,000	
Shale	White	S	1165	1170	Full					Gas	
Sand	White	H	1170	1229						2930'	
Slate	Light	S	1229	1241						62,000	
Sand	White	H	1241	1251						Gas	
Shell	White	H	1251	1261						2957'	
Red Rock		S	1261	1266						6,000	
Slate	Light	S	1266	1271						Gas	
Lime	Gray	H	1271	1292						3054'	
Sand	Dark	H	1292	1319						187,000	
Sand	White	H	1319	1325						Gas	
Slate	Dark	S	1325	1326						3054'	
Lime	White	H	1326	1339						187,000	
Slate	White	S	1339	1341						Gas	
Big Lime	White	H	1341	1510	Gas					3079'	
Sand	Gray	H	1510	1520	338,000					15,000	
Slate	Dark	S	1520	1522						Gas	
Red Rock	Red	S	1522	1538						3360'	
Injun Sand	Red	H	1538	1554						22,000	
Injun Sand	White	H	1554	1575						Gas	
Injun Sand	Gray	S	1575	1618	Gas					1587-	
Slate	Gray	S	1618	1623						1599	
Slate & Shells	Gray	S	1623	1967	314,000					Gas	
Slate&Shells	Dark	S	1967	2017						2042	
Shells	White	H	2017	2042						2066	
Lime	White	H	2042	2066						2108	
Slate & Shells	Dark	S	2066	2108						2121	
Shale	Brown	S	2108	2121						2127	
Berea Sand	Dark	H	2121	2127						2185	
Lime Shells	Dark	H	2127	2185						2212	
Lime	White	S	2185	2212						Gas -2248'-15,000	
Shale	Brown	S	2212	2289							



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. WAY-118DD

Oil or Gas Well Gas

(KIND)

Company Clifford Mills
 Address P.O. Box 65 Wayne, W. Va.
 Farm Harry Lambert Acres 35
 Location (waters) Wilson Creek
 Well No. 489-A Elev. 931
 District Union County Wayne
 The surface of tract is owned in fee by Mose Napier
 Address Wayne, W. Va.
 Mineral rights are owned by John Lambert Estate.
 Address Huntington, W.
 Drilling commenced 9-20-66
 Drilling completed 10-20-66
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume 400,000 Cu. Ft.
 Rock Pressure 200 lbs. 2 1/2 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10			Size of
8 1/4	299'	299'	
6 1/2			Depth set
5 3/16			
4	1670'	1670'	Perf. top <u>1580</u>
2			Perf. bottom <u>1600</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4" SIZE 350' No. Ft. 10-22-66 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
This is old well, plugged by Owens-Libbey-Owens, and redrilled by me. Refer to their Lambert Well # 489.							

