



Company J. M. L. Smith
 Address West Union, W. Va.
 Farm Wilbur Smith & Brothers
 Tract _____ Acres 250 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 735
 Quadrangle West Union, C
 County Tyler District Centerville
 Engineer W. H. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept. 24, 1962 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Tyler-359

+ 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 7

Quadrangle West Union

Permit No. Tyl 359

WELL RECORD

GAS + OIL 5 #0
Oil or Gas Well Both
(KIND)

Company J. M. L. Smith
Address 405 West Main St. West Union, W. Va.
Farm Wilbur M. Smith & Bros Acres 200
Location (waters) Jefferson Run of M.I. Creek
Well No. 1 Elev. 735
District Centersville County Tyler
The surface of tract is owned in fee by Wilbur M. Smith & Brothers Address Wilbur, W. Va.
Mineral rights are owned by Same Address Wilbur, W. Va.
Drilling commenced 11-28-62
Drilling completed 1-2-63
Date Shot _____ From _____ To _____
With _____
Open Flow 45/10ths Water in _____ 2 Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 525 lbs. 12 hrs.
Oil good show good show bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Parmaco Kind of Packer Upside Down Ty
13			
10	109 ft		Size of _____
8 1/4	852 "	852 852'	Depth set _____
6 3/8			1658' 1658'
5 3/16			Perf. top _____
5/8 x 6-5/8	1566		Perf. bottom _____
5/8 x 5-3/16	1658	1658	Perf. top _____
Liners Used			Perf. bottom _____

WELL FRACTURED yes. Yes

RESULT AFTER TREATMENT Improved Improved 300 MCF

ROCK PRESSURE AFTER TREATMENT 575

Fresh Water _____ Feet

Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			10	12			
Sandy Gravel			12	20			
Sand			20	28			
Lime	Blue		28	35			
Shale	Grey		35	56			
Rock	Red		56	75			
Lime			75	81			
Rock	Red		81	97			
Shale	Grey		97	120			
Limey Shale	Grey		120	126			
Shale	Black		126	132			
Shale G	Grey		132	152			
Rock	Red		152	160			
Shale	Grey		160	176			
Lime	Black	Hard	176	183			
Rock	Red		183	198			
Shale	Grey		198	210			
Rock	Red		210	216			
Limey Shale			216	238			
Lime	Black		238	244			
Rock	Red		244	255			
Shale	Grey		255	262			
Sand	White		262	314			
Shale	Grey		314	400			
Lime	White		400	415			
Shale	Grey		415	535			
Broken Lime & Shale			535	553			
Shale & Shells			553	569			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Rock	Red		569	583			
Shale	Grey		583	608			
Rock	Red		608	624			
Shale	Grey		624	635			
Rock	Red		635	645			
Shale	Grey		645	722			
Rock	Red		722	738			
Sandy Shale	Blue		738	771			
Shale	Grey		771	785			
Shale	Black		785	822			
Shale	Grey		822	850			
Big Dunkard Sand			850	866			
Shale	Grey		866	928			
Sand	White		928	950			
Lime	Grey		950	978			
Shale	Grey		978	1008			
Sand Slate	White	1-Salt	1008	1055			
Slate	Grey		1055	1062			
Slate-Sand	Grey	2-Salt	1062	1118			
Shale	Grey		1118	1126			
Limey Shale	Grey		1126	1153			
Shale-Sand	White	3-Salt	1153	1260	Water at-	1225-	1 1/2- B.P.H.
Shale	Grey		1260	1300			
Sand	White	grad salt	1300	1342			
Shale	Black		1342	1365			
Sandy Shale	Grey		1365	1404			
Shale&Lime Shells			1404	1440			
Sandy Shale	Grey		1440	1480			
Shale	Black		1480	1495			
Shale&Lime Shells			1495	1529			
Sand Maxon			1529	1573			
Shale&lime shells			1573	1600			
Little Lime	Black		1600	1614			
Pencil Cave			1614	1630			
Big Lime			1630	1700			
Keener Sand			1700	1706			
Lime	Grey		1706	1724			
Big Injun Sand			1724	1720-	\$6' in Sand		

Date March 9-, 1943

APPROVED J.M. Smith, Owner

By J.M. Smith Agt
(Title)