

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm JINK MILLER
 Tract _____ Acres 220 Lease No. 24405
 Well (Farm) No. 1 Serial No. 3909
 Elevation (Spirit Level) 926'
 Quadrangle MIDKIFF
 County LINCOLN District JEFFERSON
 Engineer Paul E. ...
 Engineer's Registration No. 669
 File No. 40-43 Drawing No. _____
 Date 8-20-54 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. LIN-1112-A

+ 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.

JINK MILLER Tr. 1 (3909) - U.F.G. Co. - LIN-1112-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1391

Quadrangle Midkiff
Permit No. 11127-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

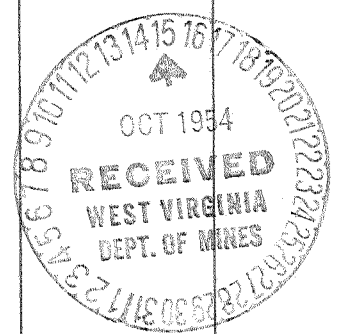
Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Jink Miller Acres 220
Location (waters) Bear Branch
Well No. 3909 Elev. 926'
District Jefferson County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Willard Miller, et al
Spurlockville, W. Va. Address W. Va.
Drilling commenced 7-16-29
Drilling completed 9-4-29
Date Shot 9-5-29 From _____ To _____
With 60 qts.
Open Flow 9 /10ths Water in _____ 2 Inch
_____ /10ths Merc. in _____ Inch
Volume 143,040 Cu. Ft.
Rock Pressure 270 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 840 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Anchor</u>
13			Size of
10		<u>516'</u>	<u>3x5-3/16x16</u>
8 1/4		<u>1612'</u>	Depth set
6 5/8		<u>2312'</u>	<u>2172'</u>
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 65 FEET 24 INCHES
190 FEET 48 INCHES 455 FEET 36 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	14			
Conductor			14				
Sand			14	40			
Slate			40	65			
Coal			65	67			
Slate			67	190			
Coal			190	194			
Sand			194	225			
Slate			225	265			
Sand			265	310			
Slate			310	330			
Lime			330	375			
Slate			375	400			
Sand			400	435			
Slate			435	455			
Coal			455	458			
Slate			458	490			
Sand			490	520			
Slate			520	560			
Sand			560	600			
Slate			600	650			
Sand			650	690			
Slate			690	705			
Lime			705	730			
Slate			730	760			
Salt Sand			760	1450			Water hole full at 840'
Slate			1450	1470			
Maxon Sand			1470	1482			
Slate			1482	1505			
Little Lime			1505	1542			
Pencil Cave			1542	1544			
Big Lime			1544	1730			Gas at 1685'
Keener Sand			1730	1755			
Red Rock			1755	1760			
Big Injun			1760	1795			
Slate & Shells			1795	1850			
Squaw Sand			1850	1855			
Slate			1855	1887			
Big Shell			1887	1955			Hole reduced at 1937'
Slate			1955	2115			
Lime Shell			2115	2134			
Slate			2134	2168			

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JAN 7 1955

(Over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shells			2168	2179			
Slate & Shells			2179	2230			
Brown Shale			2230	2242			
Berea Sand			2242	2262	Gas 2246, 2248, 2253,		
Slate			2262	2283			
Shells			2283	2284			
Total depth			2284'				

Date October 13, 19 54

APPROVED UNITED FUEL GAS CO., Owner

By S.R. Furell
(Title)

Mgr. Civil Engineering Department