



New Location
 Drill Deeper
 Abandonment

JAN 10 1944

2.27 W
 3.1 R

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm PRINCE LAND CO.
 Tract Acres 1600 Lease No. 4591
 Well (Farm) No. 5 Serial No. 690
 Elevation (Spirit Level) 1047
 Quadrangle CLENDENIN
 County KANAWHA District BIG SANDY
 Engineer J.A. Cunningham
 Engineer's Registration No. 659
 File No. 80-65 Drawing No.
 Date DEC. 27, 1943 Scale 1"=1320'

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

WELL LOCATION MAP
 FILE NO. KAN-414-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

971

AB 414-A

WELL RECORD

Permit No. 414-A Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS COMPANY
Address Box 1273, Charleston 25, W. Va.
Farm Prince Land Company Acres 1600
Location (waters) Queen Shoals Creek
Well No. 690 Elev. 1047
District Big Sandy County Kanawha
The surface of tract is owned in fee by King Land & Gas Co.
Address Charleston, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced 8-11-1915
Drilling completed 10-14-1915
Date Shot Not shot From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/2	585	585	
6 3/4	1667	1667	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 368,000 Cu. Ft.
Rock Pressure 340 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 490 feet _____ feet
Salt water 720 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
Sand			0	280			
Slate			280	290			
Sand			290	400			
Lime			400	410			
Sand			410	500	Water	490	Small show
Slate			500	550			
Sand			550	630			
Slate			630	690			
Sand			690	700			
Slate			700	720	Water	720	Hole Full
L. Dunkard			720	790	Gas	720	Small show
Slate - Lime			790	900			
Big Dunkard			900	1000			
Slate			1000	1035			
Salt Sand			1035	1200			
Slate-Lime			1200	1260			
Sand			1260	1386			
Slate			1386	1399			
Sand			1399	1540			
Maxon Sand			1540	1600			
Little Lime			1600	1631			
Slate			1631	1650			
Pencil			1650	1655			
Big Lime			1655	1760			
Keener Sand			1760	1833			
Injun Sand			1833	1856	Gas	1833-1856	
Slate Red Rock			1856	1870			
Total Depth				1870			



