



Company A.M. CARLSON

Address 510 Union Trust Bldg., Parkersburg, West Va.

Farm Kenneth Kayser, and others

Tract _____ Acres 50 Lease No. _____

Well (Farm) No. Two Serial No. _____

Elevation (Spirit Level) 1067'

Quadrangle Vadis SW + 7.9' general

County Lewis District Freemans Creek

Engineer W. H. Hoet Jr.

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date May 1960 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. LEW-501- Revised

+ 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 19

Quadrangle Vadon

Permit No. LEW-501

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Tower Service Company
Address 510 Union Trust Bldg. - Parkersburg, W. Va.
Farm Kenneth Kayser Acres 50
Location (waters) Freemans Creek
Well No. A #2 Elev. 1112
District Freemans Creek County Lewis
The surface of tract is owned in fee by Kenneth Kayser, et al.
Address Weston, W. Va.
Mineral rights are owned by Same as above
Address _____
Drilling commenced June 8, 1960
Drilling completed July 9, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow 4 /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 450 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and VaTubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	12	12	-----
18			Size of
10	205		-----
8 1/4	767		Depth set
6 3/4			-----
5 3/16 4 1/2	1908	1908	Perf. top
3			1847
2			Perf. bottom
Liners Used			1852
			Perf. top
			1876
			Perf. bottom
			1881

CASING CEMENTED 6-5 SIZE 4 1/2 No. Ft. 1908 Date 7/11/60
-60 lbs cement - 6 lbs gel

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Lawson Cementing Co.
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED 15000 lb. sand and 1000 gal acid and 478 barrels water

RESULT AFTER TREATMENT 2,000,000

ROCK PRESSURE AFTER TREATMENT 650 - 24 hrs.

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red clay	Red		0	5			
rock			5	14			
sand	yellow		14	25			
slate			25	45			
sand			45	70			
slate			70	80			
rock	red		80	95			
slate shells			95	114			
sand			114	125			
slate shells			125	198			
slate	blue		198	203			
slate shells			203	240			
sand			240	278			
slate shells			278	298			
red rock	red		298	340			
sand			340	357			
slate shells			357	375			
red rock	red		375	442			
slate shells			442	480			
red rock	red		480	505			
slate shells			505	540			
lime			540	550			
red rock			550	571			
slate shells			571	650			
pink rock	pink		650	665			
slate shells			665	691			
black slate	black		691	710			
sand			710	731			
slate shells			731	815			
sand			815	870			



WELL RECORD

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 19

Quadrangle

Permit No. **LEM-501**

Oil or Gas Well **GAS**
(KIND)

Company **Lower Service Company**
Address **510 Union Trust Bldg. - Parkersburg, W. Va.**
Farm **Kenneth Kayser** Acres **50**
Location (waters) **Freemans Creek**
Well No. **A #2** Elev. **1112**
District **Freemans Creek** County **Lewis**
The surface of tract is owned in fee by **Kenneth Kayser, et al**
Address **Weston, W. Va.**
Mineral rights are owned by **Same as above**
Address **Same as above**
Drilling commenced **June 8, 1960**
Drilling completed **July 9, 1960**
Date Shot **From To**
With **-----**
Open Flow **4** /10ths Water in **-----** Inch
Volume **-----** Cu. Ft.
Rock Pressure **#50** lbs. **12** hrs.
Oil **-----** bbls., 1st 24 hrs.
WELL ACIDIZED **-----**

CASING CEMENTED **6-5** SIZE **4 1/2** No. Ft. **1908** Date **7/11/60**
-60 open cement - 6 sh. 9d.
COAL WAS ENCOUNTERED AT **-----** FEET
Freemans Cementing Co.
INCHES **-----** FEET
INCHES **-----** FEET
INCHES **-----** FEET
WELL FRACTURED **15000** lb. sand and **1000** gal acid and **478** barrels water

RESULT AFTER TREATMENT **2,000,000**
ROCK PRESSURE AFTER TREATMENT **650 - 24 psi.**
Fresh Water **-----** Feet
Salt Water **-----** Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red clay	Red		0	5		5	
rock			5	14		14	
sand	yellow		14	25		25	
slate			25	45		45	
sand			45	70		70	
slate			70	80		80	
rock	red		80	95		95	
slate shells			95	114		114	
sand			114	125		125	
slate shells			125	198		198	
slate	blue		198	203		203	
slate shells			203	240		240	
sand			240	278		278	
slate shells			278	298		298	
red rock	red		298	340		340	
sand			340	357		357	
slate shells			357	375		375	
red rock	red		375	442		442	
slate shells			442	480		480	
red rock	red		480	505		505	
slate shells			505	540		540	
lime			540	550		550	
red rock			550	571		571	
slate shells			571	650		650	
pink rock	pink		650	665		665	
slate shells			665	691		691	
black slate	black		691	710		710	
sand			710	731		731	
slate shells			731	815		815	
sand			815	870		870	

(over)