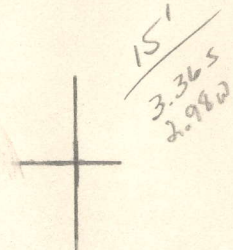


37° 40' (15 min)

LATITUDE 37 30 (7 1/2)

80° 37' 30"  
80 35 (15 min)

LONGITUDE



7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company United Fuel Gas

Farm L E Johnson et al (4200)

Quad Alderson 15' / Beunville 7 1/2

County Monroe

District Wolf Creek

WELL LOCATION MAP

File No. 063 - 30001



Wolf Creek District, Monroe County, W. Va.  
 United Fuel Gas Co., Charleston, W. Va.  
 On 510 acres, surface and mineral rights owned by L. E.  
 Johnson, Alderson, W. Va.  
 Elevation, 1904' B.  
 13" casing, 282'; 10", 670'; 8½", 1587'.  
 No coal encountered.  
 Completion? reported to Dept. of Mines Oct. 10, 1930.  
 Fresh water at 1544'.

	Top.	Bottom.
Big Lime	12	- 310
Sand	310	- 315
Big Lime	315	- 1038
Big Injun Sand	1038	- 1050
Lime	1050	- 1075
Brown Shale	1075	- 1211
Sandy lime (gas, 1230', SLM)	1211	- 1260
Slate	1260	- 1265
Sand	1265	- 1300
Lime	1300	- 1368
Black slate	1368	- 1372
White slate	1372	- 1382
Lime shells	1382	- 1440
Sand	1440	- 1546
Slate	1546	- 1550
Sand	1550	- 1588
Lime	1588	- 1595
Sand, to bottom	1595	- 1637

UNITED FUEL GAS COMPANY

SERIAL WELL NO. 4209

LEASE NO. 28393

MAP SQUARE 114-9

RECORD OF WELL No. 4209 on the  
**L.F. Johnson Et. Al.** Farm of 510 Acres  
 in **Wolfe Creek** District  
**Monroe** County  
**Kansawha** Field, State of W. Va.

Rig Commenced 3-25-30 193  
 Rig Completed 3-29-30 193  
 Drilling Commenced 4-15-30 193  
 Drilling Completed 10-17-30 193  
 Drilling to cost per foot

Contractor is: **United Fuel Drilling Dept.**  
 Address: **Charleston W. Va.**

Driller's Name **B. J. Dotson**  
**W. H. McClane**

Elevation 1904' Barometer

CASING AND TUBING

SIZE	USED IN DRILLING	LEFT IN WELL
16		
13 1/2	287'	287'
10	671'	
8 1/4	1578'	
6 5/8		
5 3/16		
4 7/8		
4		
3		
2		

TEST BEFORE SHOT

12 of Water in 1 inch  
 10lbs. of Merc. in inch  
 10lbs. 42,000 Cu. ft.  
 Volume

TEST AFTER SHOT

12 of Water in 1 inch  
 10lbs. of Merc. in inch  
 10lbs. 42,000 Cu. ft.  
 Volume

Rock Pressure  
 Date Shot 10-7-30  
 Size of Torpedo 40 lbs  
 Oil Flowed bbls. 1st 24 hrs.  
 Oil Pumped bbls. 1st 24 hrs.

SHUT IN

Date  
 in Tubing or Casing  
 Size of Packer  
 Kind of Packer  
 1st Perf. Set from  
 2nd Perf. Set from

Well abandoned and  
 Plugged 10-17-30 193

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay	0	12	12	Wood Conductor 12'
Lime	12	310	298	
Sand	310	315	5	
1 1/2" Casing set at		282		Steel line on Casing protector
Lime	315	992	677	
10" Casing set at		668		Steel line on steel shoe - Pulled out
Lime	992	1038	46	
Red Sand	1038	1050	12	
Lime	1050	1075	25	
Brown Shale	1075	1211	136	
Sandy Lime	1211	1260	49	
Gas	1260	1265	5	10/10 Water in DEPARTMENT
Slate	1260	1265	5	
Sand	1265	1300	35	
Lime	1300	1368	68	
Coal	1368	1372	4	
Slate	1372	1384	12	
Lime Shells	1384	1440	56	
Sand	1440	1546	106	
Slate	1546	1550	4	
8 1/2" Casing set at		1570		Steel line on B.H. Packer
Sand	1550	1588	38	
Lime	1588	1595	7	
Sand	1595			
Total Depth		1637	42	Steel line measure.
Shot exploded by Tools	1562-1572			Following material left in the hole 1-10" Star rimmer, 1-10" Wing sub 1-8 1/2 x 10 x 13 B.H. Packer

RECEIVED  
 DEC 6 1930  
 WORK IN PROGRESS  
 DEPARTMENT

APPROVED  
*W. H. McClane*  
 Supt

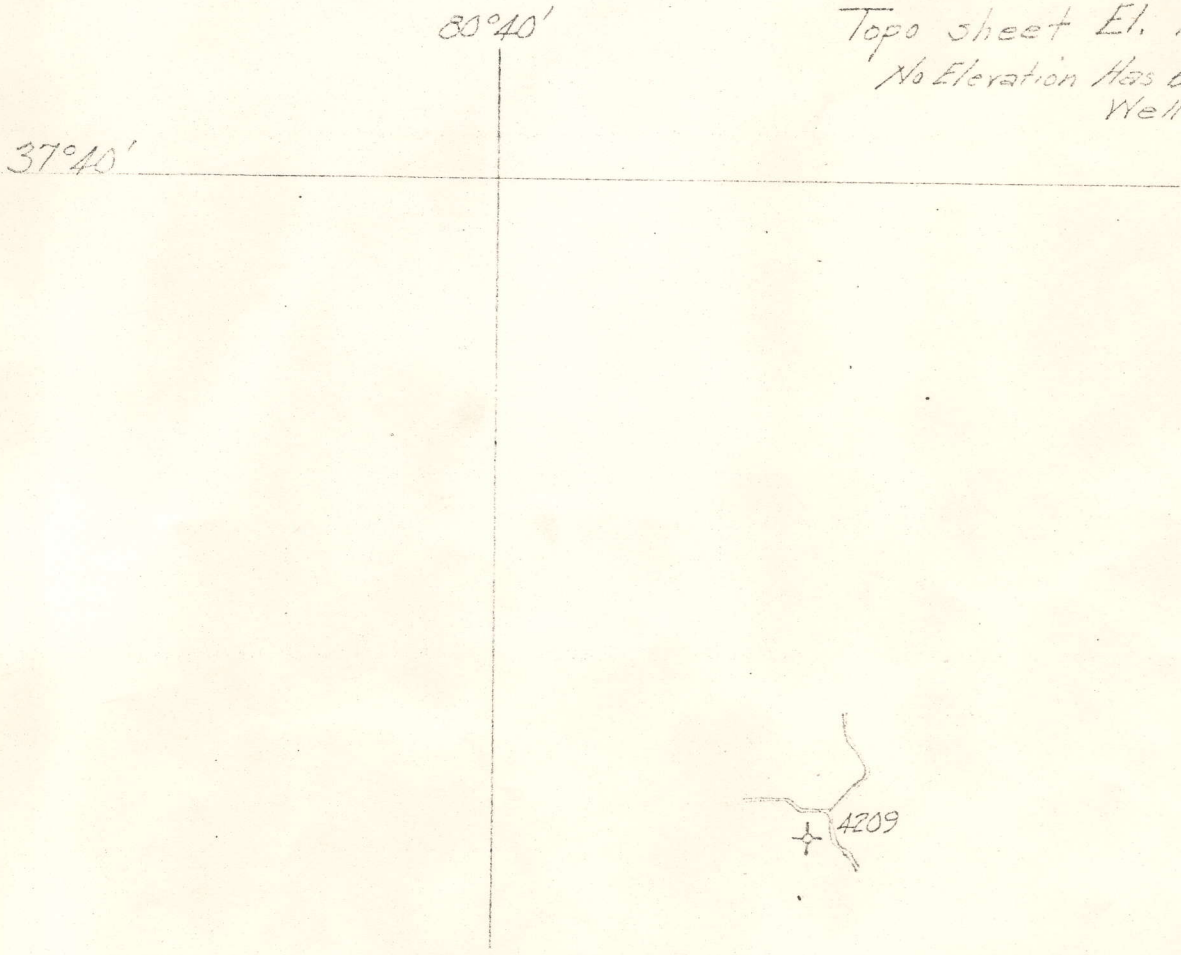
B.H. Packer



UNITED FUEL GAS COMPANY

OUTSIDE LOCATIONS

Location by United Fuel Gas Co. Field Monroe Co.  
L.E. Johnson et al Farm, on waters of at Johnson Cross-  
roads Map Square \_\_\_\_\_  
Wolf CK. District, Monroe County, West Virginia  
Scale 1/62500 Made \_\_\_\_\_, 192\_\_\_\_\_



0.3 mile NE of Johnson Crossroads;  
 3.1 miles W of 80°35' and 3.3 miles S  
 of 37°40', Alderson Quad

No. \_\_\_\_\_

Record found on p. 356 of 1939 Greenbrier Co. Rept. (WVGES)