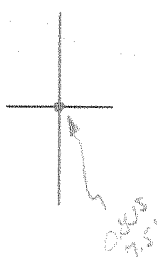


LATITUDE

(15') 38° 35'
(75') 38° 32' 30"

(15') 81° 30'

LONGITUDE



7'5 OGIS topo location

7.5' 10C	<u>1.98s</u>	15' 10C	<u>4.86s</u>
	<u>1.90w</u>	(calc.)	<u>1.90w</u>

Company Everett Starcher et al.

Farm B. M. Wolf 1

Quad Romance 7.5' / Kenna 15' SE

County Kanawha

District ELK

WELL LOCATION MAP

File No. 039-284

Kanawha

Deep Well. 6-6 Elk-Poca (Sissonville) (192)

Elk District, Kanawha County, W. Va.

By Everett Starcher et al., Spencer, W. Va.

On 41.13 acres, on Big Sandy Creek; surface owned by G. M. Wolfe,
Elkview, W. Va., and mineral rights by G. M. Wolfe et al.,

Elkview, W. Va.

Elevation, 827.45' L.

Date of completion not given; record received Jan. 1937.

Shot at 4993-5012'.

Open flow 1,250,000 cu. ft. natural.

Salt water at 1252'.

13" casing, 47 $\frac{1}{2}$ '; 6-5/8", 205 $\frac{1}{2}$ '; 10", 996'; 5 $\frac{1}{2}$ ", 4878'; 8", 1519'.

Gas well. Drilled under permit Kan-284.

	Top.	Bottom.
Quicksand	0	43
Red rock	43	65
Sand	65	113
Slate	113	142
Red rock	142	172
Slate	172	205
Red rock	205	232
Sand	232	256
Slate and shells	256	314
Sand	314	368
Slate	368	402
Sand	402	520
Black slate	520	526
Slate and shells	526	582
Sand	582	607
Slate and shells	607	624
Black slate	624	630
Sand	630	736
Black slate	736	872
Gritty lime	872	902
Black slate	902	944
1st Salt Sand	944	1016
Slate	1016	1024
2nd Salt Sand (show of oil, 1120-1153'; some gas; some water, 1165' big water, 1252')	1024	1272
Soft slate	1272	1280
3rd Salt Sand	1280	1469
Black slate	1469	1484
Black lime	1484	1502
Slate	1502	1504
Gray lime	1504	1529
White slate	1529	1530
Lime, gray	1530	1538
Slate	1538	1539
Lime	1539	1674
Big Injun Sand	1674	1706
Slate	1706	1728
Lime	1728	1766
Slate and shells	1766	2052
Berea shells	2052	2058
Slate and shells	2058	2164
Lime	2164	2237
Slate and shells	2237	2338

G. M. WOLFE NO. 1 WELL (Continued).

	Top.	Bottom.
Lime	2338	- 2374
Slate and shells	2374	- 3288
Shale, brown	3288	- 3424
Slate and shells, white	3424	- 3596
Shale, brown	3596	- 4008
Shale, brown (show oil and gas, 4628')	4008	- 4485
Shale, brown (show oil and gas, 4628'; small amount of gas, 4647')	4485	- 4755
Slate, white	4755	- 4816
Slate, black (show oil and gas, 4938')	4816	- 4861
Corniferous Lime (show of gas, 4938')	4861	- 4982
Oriskany Sand (show of gas, 4994'; gas, 5000 $\frac{1}{2}$ -5011)	4982	- 5012
Total depth		5012

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

XVI

Permit # Kan-284

W E L L R E C O R D

Gas Well

Company-	Everett Starcher et al	CASING & TUBING	
Address-	Spencer, W. Va.		
Farm-	G. M. Wolfe. Acres- 41.13	13	47 1/2
Location-	Big Sandy	6-5/8	2054
Well No.-	One. Elev. 827.45	10	996
District-	County- Kanawha	5 1/2	4878
Surface-	G. M. Wolfe	8	1519
Address-	Elkview, W. Va.		
Mineral-	G. M. Wolfe and others		
Address-	Elkview, W. Va.		
Drilling-	Commenced-		
	Completed-		
Date Shot-	Depth- 4993 to 5012		
Open Flow-	1 1/2 million open flow natural		
Rock Pressure-			
Oil-			
Fresh Water-			
Salt Water-	1252'		

Elk Ant
Jenna Fund

ABD
3/47
4.78 S 35'
2.02 W 30'

Hard/				Hard/			
Formation-Color	Soft	Top	Bottom	Formation-Color	Soft	Top	Bottom
Quick Sand		0	43	Shale	Brn	4008	4485
Red Rock		43	65				
Sand		65	113	Shale	"	4485	4755
Slate		113	142				
Red Rock		142	172	Slate	White	4755	4816
Slate		172	205	Slate	Blk	4816	4861
Red Rock		205	232				
Sand		232	256	Corniferous Lime		4861	4982
Slate & Shells		256	314				
Sand		314	368	Oriskeny Sand		4882	5012
Slate		368	402				
Sand		402	520				
Black Slate		520	526				
Slate & Shells		526	582				
Sand		582	607				
Slate & Shells		607	624				
Black Slate		624	630				
Sand		630	736				
Black Slate		736	872				
Gritty Lime		872	902				
Black Slate		902	944				
1st Salt Sand		944	1016				
Slate		1016	1024				
2nd Salt Sand		1024	1272	1120 to 1153 show of oil. Some Gas			
Soft Slate		1272	1280	Some Water 1165			
3rd Salt Sand		1280	1469	Big Water 1252			
Black Slate		1469	1484				
Black Lime		1484	1502				
Slate		1502	1504				
Gray Lime		1504	1529				
White Slate		1529	1530				
Lime	Grey	1530	1538				
Slate		1538	1539				
Lime		1539	1674				
Big Injun Sand		1674	1706				
Slate		1706	1728				
Lime		1728	1766				
Slate & Shells		1766	2052				
Berea Shells		2052	2058				
Slate & Shells		2058	2164				
Lime		2164	2237				
Slate & Shells		2237	2338				
Lime		2338	2374				
Slate & Shells		2374	3288				
Shale	Brn	3288	3424				
Slate & Shells							
	White	3424	3596				
Shale	Brn	3596	4008				

1674
1539
135
1674
827
847