



Minimum Error of Closure 1' IN 200'
 Source of Elevation FORKS ROAD EAST 684.00

- Fracture.....
- New Location.....
- Drift Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: L. F. Dye
 Map No. _____ Squares: N S E W

Company ALLEN BEARD
 Address 115 COURT ST. RIPLEY, W.VA.
 Farm O.A. M^c FARLAND
 Tract _____ Acres 48.7 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1058.00 1010'
 Quadrangle CHARLESTON NW
 County KANAWHA District UNION
 Engineer L. F. Dye
 Engineer's Registration No. 807
 File No. _____ Drawing No. _____
 Date 10-24-67 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. KAN-2191
 CORRECTED ELEVATION

+ 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.

Deep Well (Newburg)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION/7

Rotary
Spudder
Cable Tools
Storage

Quadrangle

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. **KAN 2191**

Company **Allen Beard**
Address **P. O. BOX 179, Spencer, W. Va.**
Farm **O. A. McFarland** Acres **48.7**
Location (waters) **1030 KB 1010 GR**
Well No. **1** Elev. **1058**
District **Union** County **Kanawha**
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by **O. A. McFarland**
Address **Charleston, W. Va.**
Drilling commenced **11/18/67**
Drilling completed **11/29/67**
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume **Approx. 12,000 MCF** Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) **Muc Acid 500 - J111 1000 - J84 900 Sand 30,000**
RESULT AFTER TREATMENT (Initial open Flow or bbls.) **(41,000 MCF) UFG reports 27,900 MCF**
ROCK PRESSURE AFTER TREATMENT **2200** HOURS **(4-point potential test)**
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand **Newburg** Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	75'	75'	Size of
10.9 5/8	2170	2170	Depth set
8 1/4			
6 3/4	7	5835	5835
5 3/16			
3			Perf. top
2	5878	5878	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record
CASING CEMENTED **13 3/8** SIZE **75** No. Ft. **11/17/67** Date
Amount of cement used (bags) **65 CF**
Name of Service Co. **Dowell**
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	Remarks
Surface				0			
Shale			0	76			
Shale			76	254			
Sand & Shale			254	500			
Shale			500	775			
Shale			775	921			
Sand			921	1265			
Sand			1265	1400			
Sand			1400	1445			
Sand			1445	1450			
Sand			1450	1652			
Mud Water			1652	1652			
Shale			1652	1698			
Shale			1698	1825			
Shale			1825	1940	-115		
Line			1940	2021	-81		
Sand			2021	2120	-99		
Shale			2120	2400			
Shale			2400	2850			
Shale			2850	3357			
Shale			3357	3902			
Shale			3902	4325			
Grey Shale			4325	4800			
Shale			4800	5020			
Line ed Onondaga			5020	5126			
Sand Oriskany			5126	5158			
Line			5158	5180	-22		
Line			5180	5400			
Line			5400	5690			

Formation	Color	Hard or Soft	Top 17	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			5690	5835			
Newburg			5877	5890	Gas	5878-81	
McKenzie			5890	5900			
				TD 5900			
						5877	
						1030	
						4847	

Date _____ 19__

APPROVED _____ Owner

By _____ (Title)