

Minimum Error of Closure 1' IN 200

Source of Elevation WELL NO. 4 1021.00

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: L. F. Dye
 Squares: N S E W

Map No.

Company FIVE STAR GAS CO.,
BOX 173
 Address SPENCER, W.VA.
 Farm J. C. HIVELY
 Tract _____ Acres 50 Lease No. _____
 Well (Farm) No. 5 Serial No. _____
 Elevation (Spirit Level) 886.45
 Quadrangle WALTON - NC
 County ROANE District SMITHFIELD
 Engineer L. F. Dye
 Engineer's Registration No. 802
 File No. _____ Drawing No. _____
 Date 11-7-66 Scale 1" = 40 FEET

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

WELL LOCATION MAP

FILE NO. ROA-1548

+ 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 10

Rotary
Spudder
Cable Tools
Storage 215
Oil or Gas Well Oil (KIND)

Quadrangle Walton
Permit No. ROA - 1548

WELL RECORD

Company Five Star Gas Company
Address P. O. Box 173, Spencer, W. Va.
Farm J. C. Hively Acres 50
Location (waters) Poca River
Well No. 5 Elev. 886
District Smithfield County Roane
The surface of tract is owned in fee by A.E. Valentine
Address Spencer, W. Va.
Mineral rights are owned by Chris Stane et al
Address Looneyville, W. Va.

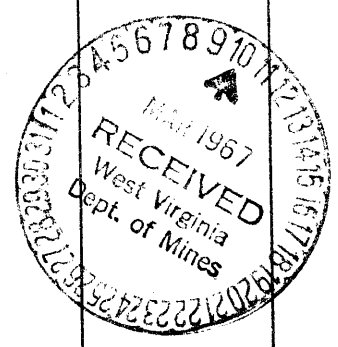
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		20	
13	20	20	
10			Size of
8 1/4	200		
6 5/8		1580	Depth set
5 3/16			
4 1/2		2078	
3			Perf. top 2008
2		1970	Perf. bottom 2039
Liners Used			Perf. top
			Perf. bottom

Drilling commenced Nov. 20, 1966
Drilling completed Nov. 29, 1966
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 250 Gal acid, 26,000# sand - 700 bbls water

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2078 No. Ft. 11/29/66 Date
Amount of cement used (bags) 60
Name of Service Co. Well Service, Inc.
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 50 bbls per day
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Big Injun Depth 1998 - 2048

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	12			
Sand			12	48			
Slate			48	75			
Sand			75	110			
Slate			110	135			
Sand			135	160			
Slate & Red Rock			160	315			
Slate & Shells			315	445			
Red Rock			445	475			
Slate			475	530			
Sand			530	560			
Red Rock			560	600			
Slate			600	645			
Red Rock			645	670			
Sand			670	685			
Slate & Shells			685	710			
Sand			710	800			
Slate			800	825			
Sand			825	880			
Slate			880	940			
Big Dunkard			940	1060			
Slate			1060	1080			
Sand			1080	1125			
Lime			1125	1165			
Sand			1165	1245			
Slate			1245	1290			
Sand			1290	1345			



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1345	1420			
Sand			1420	1470			
Slate			1470	1540			
Salt Sand			1540	1820	7" Casing cemented		at 1580
Maxon			1820	1842			
Little Line			1842	1872			
Pencil Cave			1872	1885			
Big Lime			1885	1998			
Big Injun			1998	2048	Oil	2004	
XXXX						to	
Slate			2048	2078		2044	
Total Depth				2078			

Date March 9, 1967

APPROVED Five Star Gas Company, Owner

By John W. Stone
 (Title)
 John W. Stone, Manager