



Z. T. BALL

Minimum Error of Closure 1 in 200'
 Source of Elevation B.M. at Morgansville = 812

- Fracture.....
- New Location.....
- Drill 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: [Signature]
 Squares: N S E W

Company James F. Scott
 Address 124 Vallau St. Salem W.Va.
 Farm Z. T. Ball
 Tract _____ Acres 138 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 1073
 Quadrangle Centerpoint 38
 County Doddridge District Grant
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 16, 1968 Scale 1" = 400' = 660'

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

WELL LOCATION MAP

FILE NO. DDO - 1529

+ 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

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

Quadrangle Centerpoint
Permit No. Dod-1529

WELL RECORD

Company James F. Scott
Address 124 Valley St., Salem, W. Va.
Farm Z.T. Ball "A" Acres 138
Location (waters) Morgans Run
Well No. 2 Elev. 1073
District Grant County Doddridge
The surface of tract is owned in fee by Nettie Swentzel
Address West Union, W. Va.
Mineral rights are owned by Z.T. Ball Heirs
Address _____
Drilling commenced 10-8-68
Drilling completed 10-15-68
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) 60,000 lbs. sand & 1500 bbl. water

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4			
6 3/4			Perf. top <u>1700</u>
5 3/16			Perf. bottom <u>1706</u>
4 1/2	2060	2060	Perf. top <u>2008</u>
3			Perf. bottom <u>2020</u>
2			
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 700 No. Ft. 10-17-68 Date
Amount of cement used (bags) 125
Name of Service Co. Garaton Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 152,000 cu. ft. 152 McF
ROCK PRESSURE AFTER TREATMENT 210 HOURS 24
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	60			
Blue clay			60	150			
Lime			150	210			
Slate			210	270			
Sand			270	360			
Lime hard			360	455			
Red rock			455	550			
Sandy slate			550	670			
Lime			670	750			
Slate & shells			750	830			
Sand			830	960			
Red rock			960	1050			
Sandy slate			1050	1130			
Lime			1130	1220			
Sand			1220	1330			
Black slate			1330	1415			
Sand			1415	1530			
Sandy slate			1530	1600			
Lime			1600	1680			
Lime rock			1680	1700			
Slate & shells			1700	1750			
Red rock			1750	1820			
Lime			1820	1896			
Sand	<u>Big Injun</u>		1896	2026			
Slate			2026	2046			
T.D.				2046			

