



Minimum Error of Closure 1 in 200

Source of Elevation B.M. at West Union 856

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  closed  
 New Location  3-29-71  
 Drill Deeper   
 Abandonment

Signed: W. H. Ferrall  
 Squares: N S E W

Penn Resources, Inc., W. H. Ferrall, Agt.  
 Company One Colony Park  
 Address P.O. Box 5055, Philadelphia, Pa., 19111  
 Farm Luther Perrine  
 Tract Acres 146 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 856  
 Quadrangle West Union SE  
 County Doddridge District West Union  
 Engineer W. H. Ferrall  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 26, 1969 Scale 1" = 320' = 495'

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

WELL LOCATION MAP  
 FILE NO. DOD-1575-FRAC

+ 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.





VIRGINIA 55

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle West Union  
Permit No. Dad 1575 Frac.

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>PENN. RESOURCES, INC. Willard E. Ferrell, Agent</u> Address <u>1 Docker Square, Bala Cynwyd, Pa. 19004</u> Farm <u>Luther Ferrine</u> Acres <u>146</u> Location (waters) _____ Well No. <u>1</u> Elev. _____ District <u>West Union</u> County <u>Doddridge</u> The surface of tract is owned in fee by <u>Luther Ferrine</u> Address <u>West Union, W.Va.</u> Mineral rights are owned by <u>Luther Ferrine</u> Address <u>West Union, W.Va.</u> Drilling commenced <u>Already Drilled</u> Drilling completed _____ Date Shot <u>Fractured June 2, 1971</u> From _____ To _____ With _____ Open Flow <u>None</u> /10ths Water in <u>Casing already cemented</u> Inch _____ /10ths Merc. in _____ Volume _____ Cu. Ft. _____ Rock Pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) _____ WELL FRACTURED (DETAILS) <u>500 gal acid-500 Bls. fluid - 20M lbs sand</u> RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>90M cuft</u> _____ ROCK PRESSURE AFTER TREATMENT <u>170</u> HOURS <u>24</u> Fresh Water _____ Feet _____ Salt Water _____ Feet _____ Producing Sand <u>Big Injun</u> Depth <u>1840</u>	Casing and Tubing Size 16 13 10 8 1/4 6 5/8 5 3/16 4 1/2 3 2 Liners Used	Used in Drilling	Left in Well	Packers Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
							THIS WELL WAS BOUGHT AT PUBLIC AUCTION. IT WAS ALREADY CASED READY TO FRAC. WE HAVE NO RECORD OF CEMENTING OR CASING.