

Minimum Error of Closure 1 in 200'
 Course of Elevation B.M. at West Union = 836'

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 C of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture issued
 New Location 3-29-71
 Drill Deeper
 Abandonment

Signed: [Signature]
 Squares: N S E W

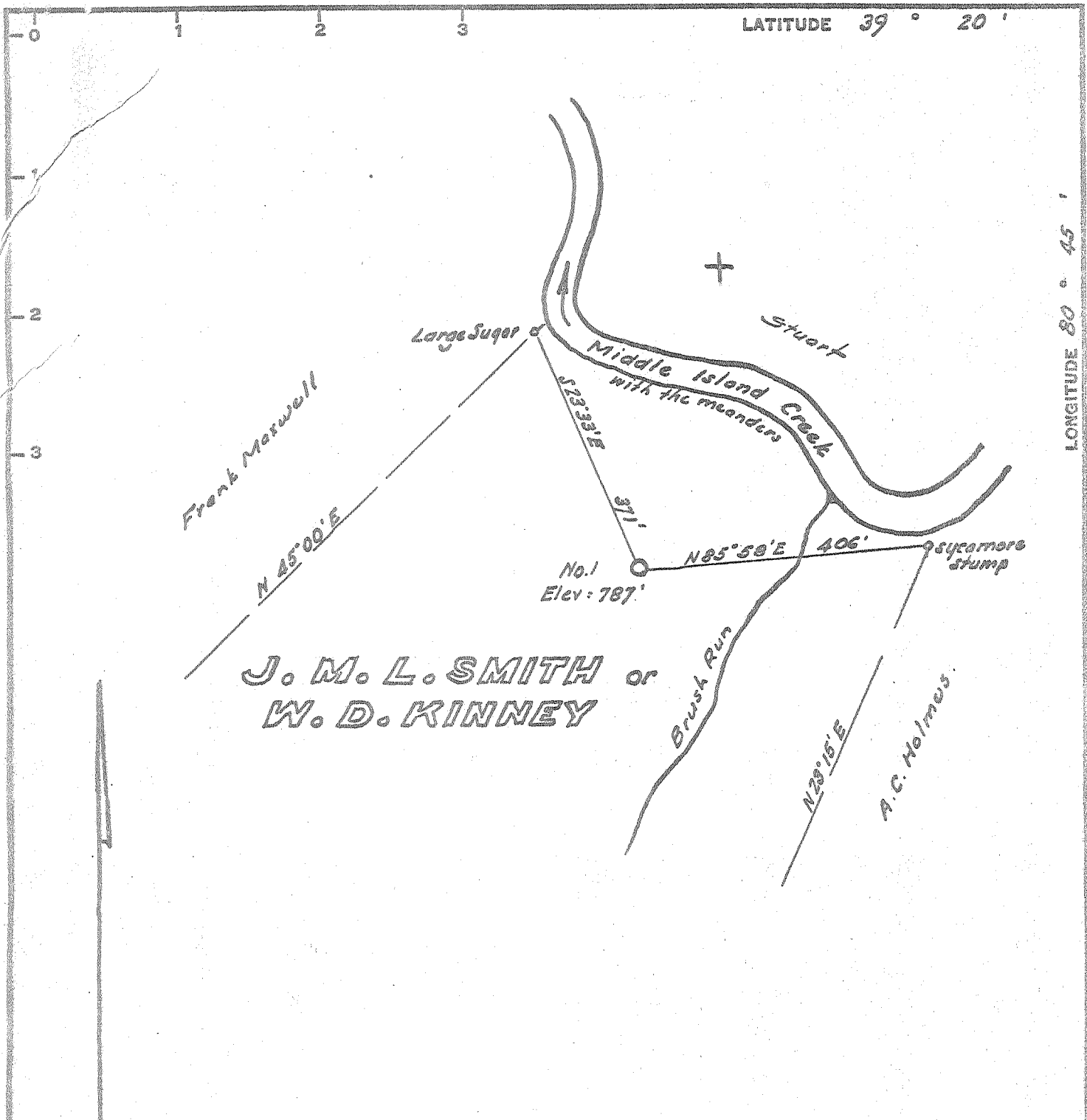
Penn Resources, Inc., W.E. Ferrell, Agr.
 Company Ole Colony Development
 Address Rt. Box 5056, Philadelphia, Pa., 19111
 Farm J. M. L. Smith or W. D. Kinney
 Tract _____ Acres 102 Lease No. _____
 Well (Farm) No. 002 Serial No. _____
 Elevation (Spirit Level) 787
 Quadrangle West Union SE
 County Doddridge District West Union
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 19, 1969 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. DOD - 1564 - 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.

6/2/69



Minimum Error of Closure 1 in 200'

Source of Elevation B.M. at West Union = 836'

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.....

Map No. _____

Signed: [Signature]
 Squares: N S E W

Company Ole Colony Development Co.
 Address West Union, West Va.
 Farm J. M. L. Smith or W. D. Kinney
 Tract _____ Acres 102 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 787
 Quadrangle West Union 5C
 County Doddridge District West Union
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 19, 1969 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. DOD - 1564

- + 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 WELLS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD

Oil or Gas Well. Oil
(KIND)

Form OG-10

Quadrangle West Union

Permit No. Dal-1564 Frac.

Company <u>PENN RESOURCES, INC. Willard E. Ferrell, Agent</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1 Decker Square, Bala Cynwyd, Pa. 19004</u>	Size			Kind of Packer
Farm <u>Smith-Kinney</u> Acres <u>102</u>	16			Size of
Location (waters)	13			Depth set
Well No. <u>1</u> Elev. <u>787</u>	10			Perf. top
District <u>West Union</u> County <u>Doddridge</u>	8 1/4			Perf. bottom
The surface of tract is owned in fee by <u>J.M. Smith</u>	6 5/8			Perf. top
Address <u>West Union, W.Va.</u>	5 3/16			Perf. bottom
Mineral rights are owned by <u>J.M. Smith and Floyd Sibert</u>	4 1/2			
Address <u>West Union, W.Va.</u>	3			
Drilling commenced <u>This well was bought at Public Auction. No drilling or casing record.</u>	Liners Used			
Drilling completed				
Date Shot <u>Fractured</u> From <u>4/24/71</u> To				
With				

Open Flow /10ths Water in Casing already cemented Attach copy of cementing record.
 /10ths Merc. in no volume visible Inch CASING CEMENTED SIZE No. Ft. Da
 Volume Cu. Ft. Amount of cement used (bags)
 Rock Pressure lbs. hrs. Name of Service Co.
 Oil bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT FEET INCH
 FEET INCHES FEET INCH
 FEET INCHES FEET INCH

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) 1000 gal acid - 700 bla fluid-28M sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) No measurable gas about 6 bls oil
 ROCK PRESSURE AFTER TREATMENT 90 HOURS 24
 Fresh Water Feet Salt Water Feet
 Producing Sand Big Injun Depth 1902

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
							<u>TOTAL DEPTH 1902. NO DRILLING OR CASING RECORD.</u>

JAN 10 1972
S. C. S.
E. C. O. P.

(over)

JAN 18 1972