

New Location
 Drill Deeper
 Abandonment 8/14/77

Minimum Error of Closure *ONE PART IN 200*
 Source of Elevation *A. L. & M. CO. WELL A-506 - ELEV. 1969'*

"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."

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W. VA. 26301
 Farm G. NORVELL
 Tract _____ Acres 440 Lease No. _____
 Well (Farm) No. _____ Serial No. A-651
 Elevation (Spirit Level) 2272'
 Quadrangle SAGO C
 County RANDOLPH District ROARING CREEK
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 129 Drawing No. _____
 Date 6-18-77 Scale 1" = 1000'

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

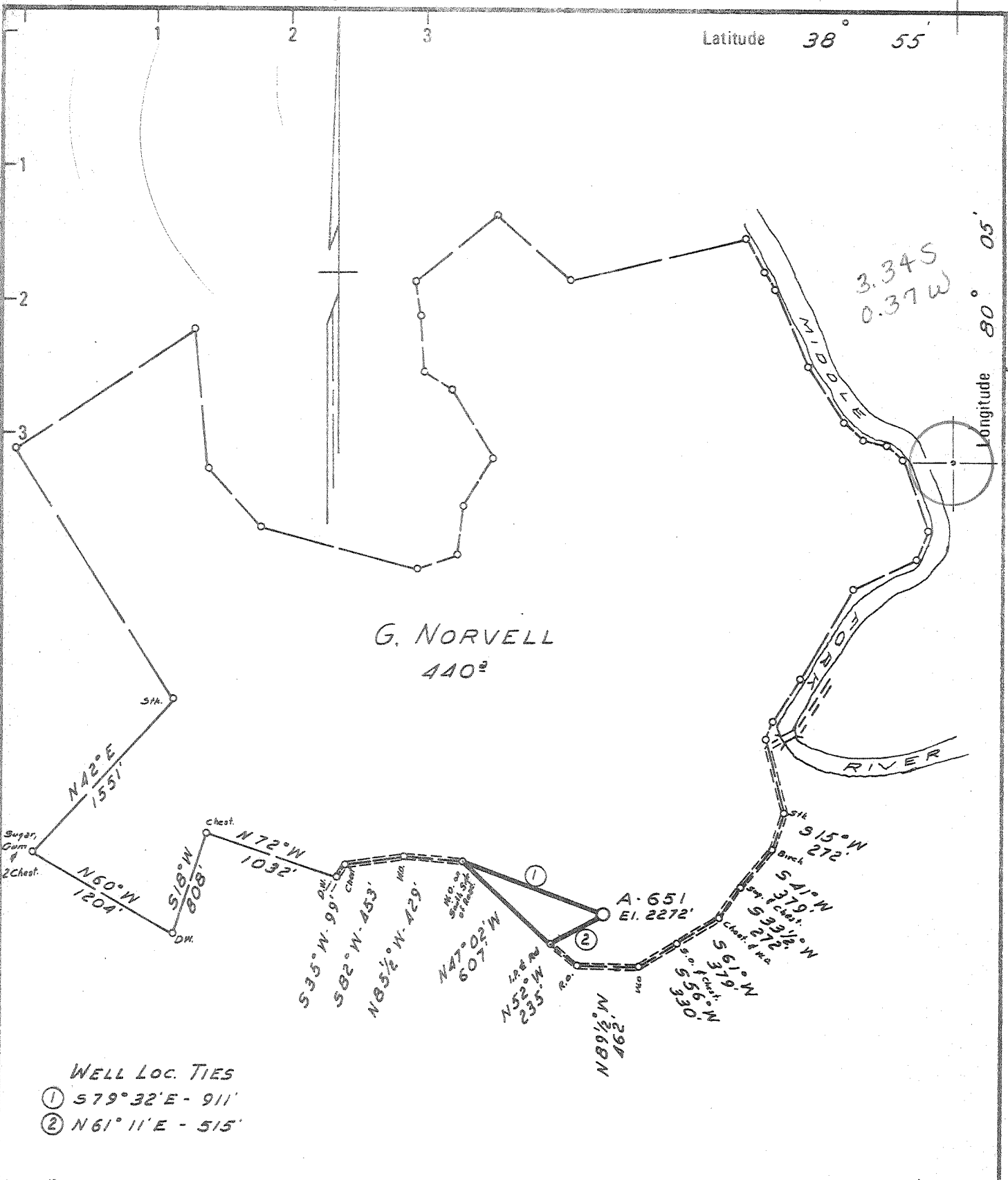
WELL LOCATION MAP
 FILE NO. RAN-194-P

+ 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.

47-083 OCT 5 1977

Latitude 38° 55'

Longitude 80° 05'



G. NORVELL
440[±]

3.34 S
0.37 W

WELL LOC. TIES

- ① S 79° 32' E - 911'
- ② N 61° 11' E - 515'

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Source of Elevation A. L. & M. CO. WELL A-506 - ELEV. 1969'

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

WELL LOCATION MAP
FILE NO. RAN-194

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47-083

47-083-01/CASSITY



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AUG 29 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle SAGO

Permit No RAN-194

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ *(Signature)*

Company <u>Allegheny Land & Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sk.)
Address <u>Box 1740, Clarksburg, WV 26301</u>	Size			
Farm <u>G. Norvell</u> Acres <u>440</u>	20-16			
Location (waters) <u>Leng Run and the Middle Fork River</u>	Cond.			
Well No. <u>A-651</u> Elev <u>2272'</u>	13-10"			
District <u>Rearing Creek</u> County <u>Randolph</u>	9 5/8			
The surface of tract is owned in fee by <u>G.H. Norvell, et ux, et al.</u>	8 5/8	807'	807'	Cement to surf.
Address <u>St. Albans, WV 25177</u>	7			
Mineral rights are owned by <u>same</u>	5 1/2			
Address _____	4 1/2			
Drilling Commenced <u>August 9, 1977</u>	3			
Drilling Completed <u>August 14, 1977</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
All sands were found to be non-productive and well was plugged & abandoned August 14, 1977 by Halliburton.

Coal was encountered at 64-8'; 96-9'; 144-8 Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	10		
Sand & Shale			10	64		
Coal *****			64	68	Coal *****	
Sand & Shale			68	96		
Coal *****			96	99	Coal *****	
Sand & Shale			99	144		
Coal *****			144	148	Coal*****	
Sand & Shale			148	1004		
Big Lime			1004	1148		
Injun Sand			1148	1250		
Sand & Shale			1250	1388		
Sand			1388	1412		
Sand & Shale			1412	1620		
5th Sand			1620	1886		
Sand & Shale			1886	2508		
Sand			2508	2518		
Sand & Shale			2518	3282		
Riley Sand			3282	3296		
Sand & Shale			3296	3494		
Sand			3494	3510		
Sand & Shale			3510	4220		
Sand			4220	4268		
Sand & Shale			4268	4682		
Elk Sand			4682	4698		
Sand & Shale			4698 (over)	4860		

Handwritten:
4860
1886
~~2974~~



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 11 1977

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE July 7th., 1977

Surface Owner G. H. Norvell, et ux. et al.
Address St. Albans, West Virginia 25177

Company Allegheny Land and Mineral Company
Address Clarksburg, West Virginia 26301

Mineral Owner same
Address _____

Farm G. Norvell Acres 440
Location (waters) Long Run and the Middle Fork River

Coal Owner Cora Wilda Osborn
c/o James Joseph LaRosa
Address 420 Buckhannon Pike
Clarksburg, WV 26301

Well No. A-651 Elevation 2272'

Coal Operator none
Address _____

District Roaring Creek County Randolph

Quadrangle SAGO

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 11-26-77.

INSPECTOR
TO BE NOTIFIED Bill Hatfield

ADDRESS Buckhannon, W. Va.

PHONE 472-4268

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated the 14th. day of 19 72 by G. H. Norvell et ux. made to Allegheny Land & Min. Co. and recorded on the 22nd. day of August 19 72 in Randolph County, Book 278 Page 523

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, Allegheny Land and Mineral Co.
(Sign Name) By:
Land - Lease and Right of Way
P. O. Drawer 1740
Street
Clarksburg
City or Town
West Virginia 26301
State

BLANKET BOND

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

RAN-194 PERMIT NUMBER

