

Minimum Error of Closure 1' IN 200'
 Source of Elevation WELL NO. 1 604.27

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. Boye
 Squares: N S E W

Map No. _____

Company ALLEN BEARD
 Address SPENCER, W.V.A
 Farm RUSSELL LANHAM ETAL UNIT
 Tract _____ Acres 290 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 610.22
 Quadrangle CHARLESTON NW
 County KANAWHA District UNION
 Engineer L. F. Boye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 8-10-47 Scale 1" = 1000'

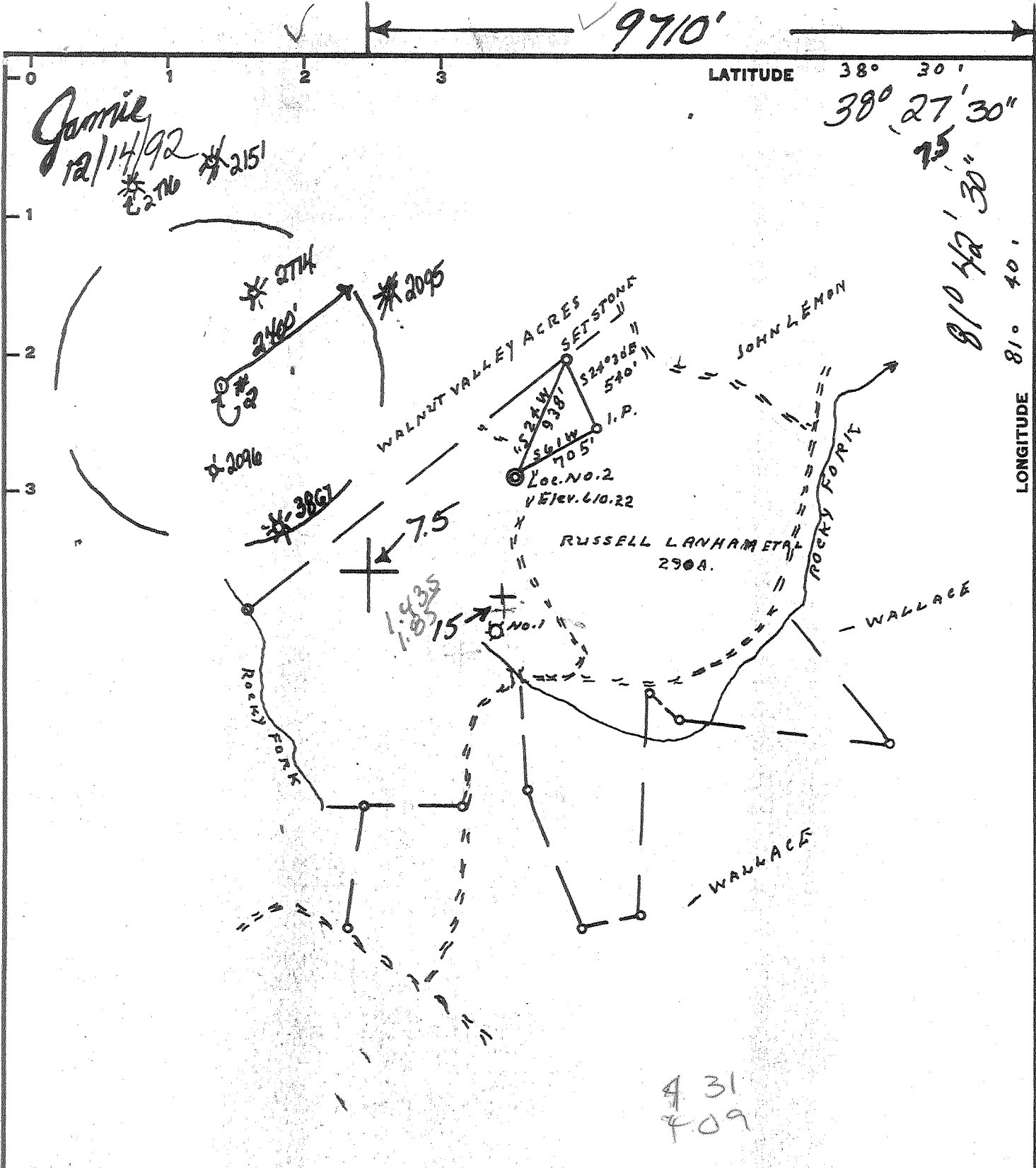
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. KAN-2155

† 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.



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Signed: L. F. Dye

Map No. Squares: N S E W

Company Viking Energy 1095
 Address Box 13306 Sissonville, WV 25360
 Farm RUSSELL LANHAM ET AL
 Tract Acres 290 Lease No. (CHESSIE HICKS)
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 610.22
 Quadrangle CHARLESTON 15 / Potomac 7.5
 County KANAWHA District UNION 9
 Engineer L. F. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 8-10-97 Scale 1" = 1000'

STATE OF WEST VIRGINIA
 Division of Environmental Pro.
 Office of Oil & Gas
 SURFACE NITRO, WV.
WELL LOCATION MAP
 API Well No. 47-039-2155 FRAC.
 Plugs back's
 + 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.
 DEC 18 1997



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle

WELL RECORD

Permit No. **KAN 2155**

Oil or Gas Well **Gas**
(KIND)

Company Allen Beard	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address P. O. Box 179, Spencer, W. Va.	Size			
Farm Russell Lanham, etal Acres 290	16 20	32	32	Kind of Packer
Location (waters) Rocky Fork	13 3/8	63.75	63.75	
Well No. 2 Elev. 610.22	10 9 5/8	1726.75	1726.75	Size of
District Union County Kanawha	8 1/4			
The surface of tract is owned in fee by Russell Lanham, etal Address Charleston, W. Va.	6 3/4	7	5270	5270
Mineral rights are owned by Same	5 3/16			Depth set
Address	4 1/2			
Drilling commenced 8/26/67	3			Perf. top
Drilling completed 9/02/67	2 3/8	5314	5314	Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom

Open Flow /10ths Water in Inch

Attach copy of cementing record.

CASING CEMENTED **71** SIZE **13 3/8** No. Ft. **8/25/67** Date

Amount of cement used (bags) **100** CF

Volume **7,500 MCF** Cu. Ft.

Name of Service Co. **Dowell**

Rock Pressure lbs. hrs.

COAL WAS ENCOUNTERED AT FEET INCHES

WELL ACIDIZED (DETAILS) **None** FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) **NOT FRACTURED**

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand **Newburg** Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface				0			
Sand, Gravel, & Water			0	39			
Red Rock & Sandstone			39	71			
Sand			71	265			
Sand & Shale			265	550			
Sand & Shale			550	850			
Sand & Shale			850	1290			
Sand & Shale			1290	1450			
Big Lime			1450	1600			
Sand & Shale			1600	1750			
Shale			1750	1891			
Shale			1891	2536			
Shale & Shells			2536	3433			
Shale			3433	4324			
Shale			4324	4510			
Lime & Sandy Shale			4510	4719			
Lime & Shale			4719	4840			
Lime & Shale			4840	5270			
Sand & Lime			5270	5335			
Total Depth - 5335							
Data from UFG Acct Report, 9/12/67:							
Corniferous			4510 - 4604				
Oriskany			4604 - 4622				
Newburg			5313 - 5326	(gas 5314 - 5321)			

RECEIVED
WV DEPARTMENT OF
Environmental Protection
DEC 04 92
Permitting
Office of Oil & Gas

- 1) Date: November 30 1992
- 2) Operator's well number
R. Lanham #1 WV9657
- 3) API Well No: 47 - 39 - 2155
State - County - Permit

**STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
 (a) Name Chessie Hicks
 Address 109 Costello St
Charleston WV. 25302
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____

5) (a) Coal Operator:
 Name _____
 Address _____
 (b) Coal Owner(s) with Declaration
 Name NO COAL
 Address _____
 Name _____
 Address _____

6) Inspector Carlos Hivley
 Address 223 Pinch Ridge Rd.
Elk View, WV. 25071
 Telephone (304)- 965-6069

(c) Coal Lessee with Declaration
 Name _____
 Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

 X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

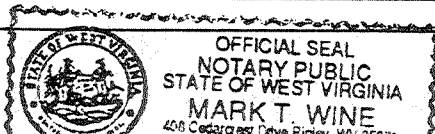
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Viking Energy Inc
 By: Michael Proctor
 Its: Designated Agent
 Address P.EOX 13366
Sissonville, WV. 25360
 Telephone 304-984-3389

Subscribed and sworn before me this 4 day of December, 1992

Mark T. Wine Notary Public

My commission expires _____



State of West Virginia
Division of Oil and Gas

Well Operator's Report of Well Work

Face: Hicks, Chessie

Operator Well No. R. Lanham #1

LOCATION: Elevation: 610.22 Quadrangle: Pocatalico
District: Union County: Kanawha
Latitude: 7500 Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude: 9710 Feet West of 81 Deg. 42 Min. 30 Sec.

Company:

Viking Energy Corporation
P.O. Box 13366
Sissonville, WV 25360

Agent: Michael Pinkerton
Inspector: Carlos W. Hively

Permit Issued: 12-15-92

Well work Commenced: 12-29-92

Well work Completed: 01-15-93

Verbal Plugging

Permission granted on: _____

Rotary _____ Cable _____ Rig

Total Depth (feet) 4166'

Fresh water depths (ft) n/a

Salt water depths (ft) n/a

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu.Ft.
7"		*4166'	*
2 3/8"		3700'	

Is coal being mined in area (Y/N)? N

Coal Depths (ft): None

*See Back

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) *

Gas: Initial open flow 297 MCF/D Oil: Initial open flow _____ Bbl/d

Final open flow 196 MCF/D Final open flow _____ Bbl/d

Time of open flow between initial and final tests 6 Hours

Static rock Pressure 810 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/D Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/D Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING; 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

FOR: Viking Energy Corporation

BY: Andrew D. [Signature] Consultant

DATE: 12-29-92

Reviewed TM6
Recorded _____

JUL 30 1993

STIMULATION SUMMARY

Partial Plugging Data:

Set 5.61 bridge plug at 4166'

Squeeze Cement Data:

7" casing perforated at 3900' and squeeze cemented planning for 500 cf fill-up. Total depth inside 7" at 4166.

Recompletion Data:

Devonian "Brown" Shale 3606-3802' 20 holes
90 Quality foam frac, 50,000 lbs 20/40 sand.

See original record for additional formation information and flow data

TD 5335
DF 545
DFT-535