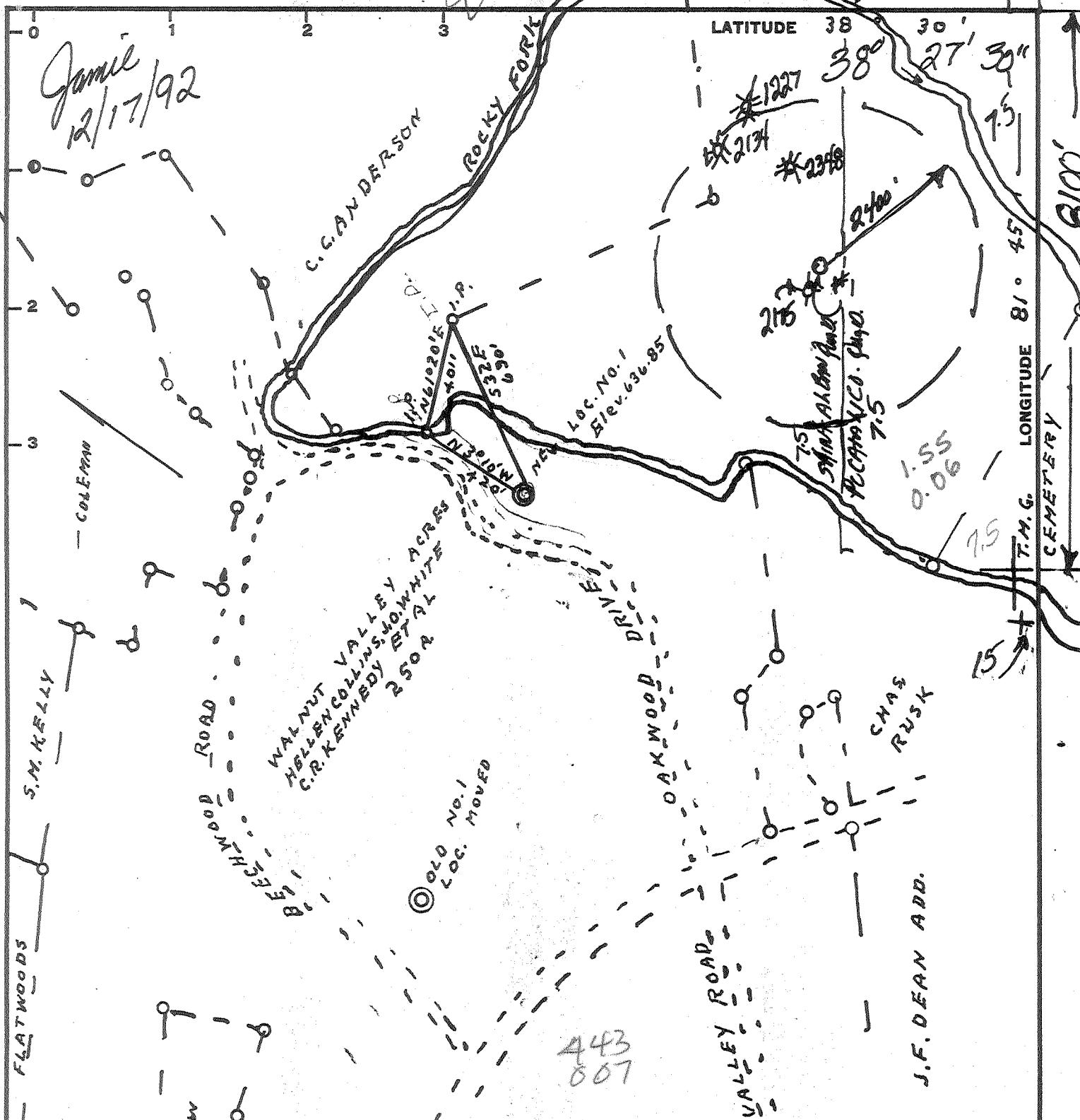


*Jamie
12/17/92*



Minimum Error of Closure 1' IN 200'
 Source of Elevation ANDERSON NO. 1 759.29

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. J. Dye
 Map No. _____ Squares: N S E W

Company Viking Energy 1095
 Address Box 13566, Sissonville, W. 25360
 Farm WALNUT VALLEY ACRES HELLEN COLLINS, J.O. WHITE, C.R. KENNEDY, ET AL
 Tract _____ Acres 250 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 636.85
 Quadrangle ST. ALBANS 15 7.5
 County KANAWHA District UNION 9
 Engineer L. J. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 7-8-67 Scale 1" = 500'

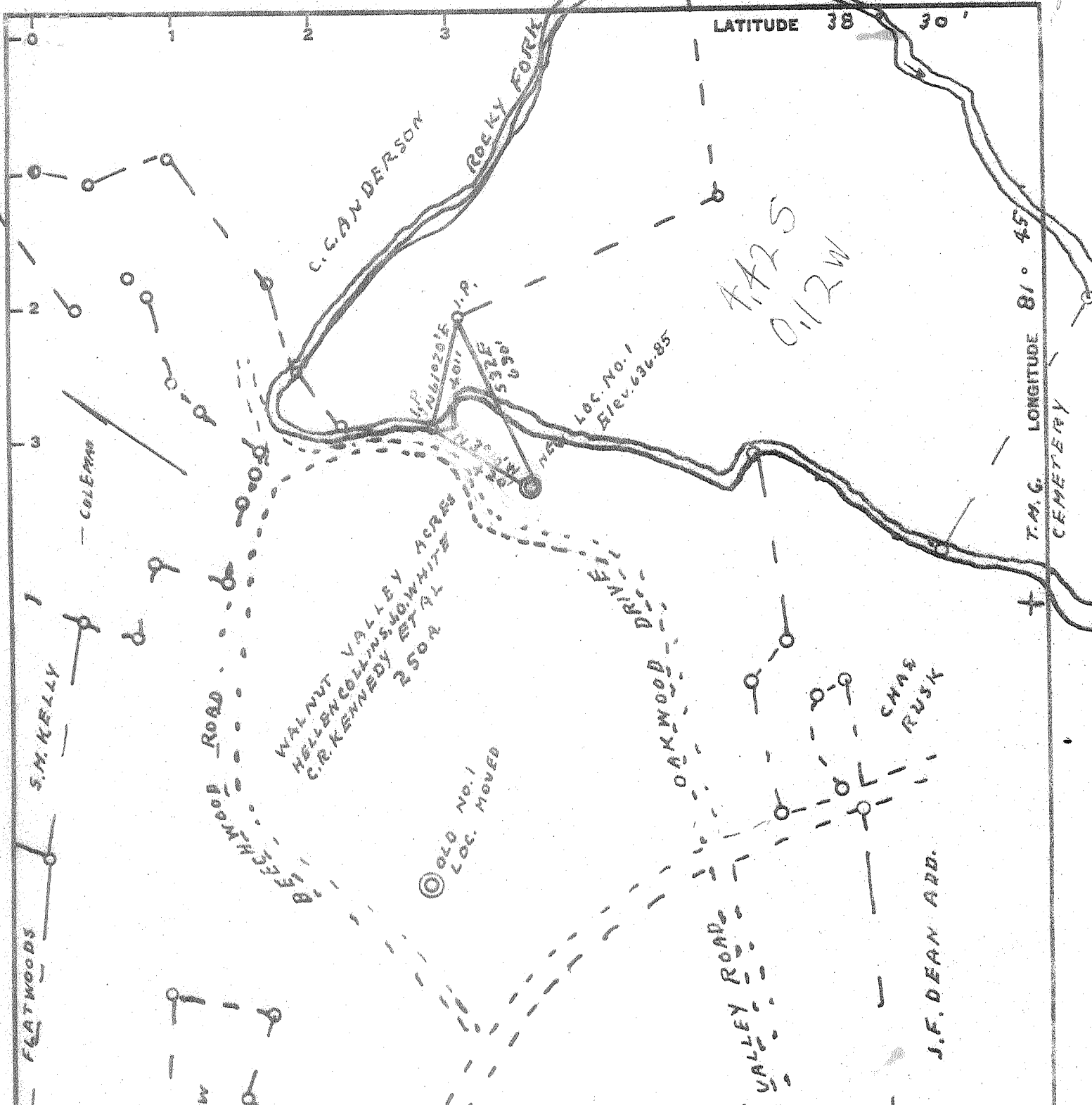
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO W.V.

WELL LOCATION MAP

API Well No. 47-039-2125-FRAC
Phylank

+ 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.



Minimum Error of Closure 1" IN 200'
 Source of Elevation ANDERSON NO. 1 759.29

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 9 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. J. Dye
 Squares: N S E W

Company ALLEN BEARD
 Address SPENCER, WVA
 Farm WALNUT VALLEY ACRES HELLEN COLLINS, J.O. WHITE, C.R. KENNEDY, ET AL
 Tract _____ Acres 2.50 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 436.85
 Quadrangle ST. ALBANS NE
 County KANAWHA District UNION
 Engineer L. J. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 7-9-67 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. KAN-2125-REV

+ 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.

Deep Well (Newburg)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle

WELL RECORD

Permit No. **KAN 2125 - Rev.**

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

Company **Allen Beard**
Address **P. O. Box 179, Spencer, W. Va.**
Farm **Collins, White, Kennedy, et al 250**
Location (waters) **Rocky Fork**
Well No. **1** Elev. **636.85**
District **Union** County **Kanawha**
The surface of tract is owned in fee by **C. R. Kennedy & Jess White** Address **Charleston, W. Va.**
Mineral rights are owned by **Same**
Drilling commenced **7/13/67**
Drilling completed **7/22/67**
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume **15,000 MCF** Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	60	60	
10			Size of
8 1/4 9 5/8	1800.92	1800.92	Depth set
5 3/16 7"	5308.37	5308.37	
4 1/2			Perf. top
3			Perf. bottom
2	5340	5340	Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record
CASING CEMENTED **13 3/8** SIZE **60** No. Ft. **7/13/67** Date
Amount of cement used (bags) **50 CF**
Name of Service Co. **Dowell**
COAL WAS ENCOUNTERED AT FEET INCHES
None FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
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			
Soil			0	18			
Lime & Shale			18	700			
Broken Sand & Shale			700	765			
Sand & (Salt)			765	870 -105			
Shale & Lime Strg.			870	920			
Broken Sand & Shale			920	1030			
Sand & Salt)			1030	1448 -48			
Big Lime			1448	1644 -1967 208			
Line Break			1644	1656 -1203			
Keener Sand			1656	1686 -30			
Injun Sand			1686	1758 -72			
Shale			1758	2123 -365			
Berea			2123	2135 -12			
Shale & Lime			2135	4536 -344			
Carniferous Lime			4536	4659 -123			
Oriskeny Sand			4652	4726 -74			
Line & Dolomite			4726	5345 -619			
Newburg Sand			5345	5364 -19			
Total Depth of Hole -			5364				

17-Dec-92

API # 47-039-02125 F

State of West Virginia
Division of Oil and Gas

Well Operator's Report of Well Work

Name: Walnut Valley Bank

Operator Well No. H. Collins #1

LOCATION: Elevation: 636.85
District: Union
Latitude: 8100 Feet South of 38
Longitude: 450 Feet West of 81

Quadrangle: St. Albans
County: Kanawha
Deg. 27 Min. 30 Sec.
Deg. 45 Min. 0 Sec.

Company:

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

Agent: Michael Pinkerton
Inspector: Carlos W. Hively

Permit Issued: 12-17-92
Well work Commenced: 12-29-92
Well work Completed: 01-23-93

Verbal Plugging _____
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) 4300'
Fresh water depths (ft) n/a
Salt water depths (ft) n/a

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up Cu.Ft.
Size			
7"		*4300'	*60 cf
2 3/8"		3769'	

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

Coal Depths (ft): _____

*See Back

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3850'

Gas: Initial open flow 175 MCF/D Oil: Initial open flow _____ Bbl/d
Final open flow 154 MCF/D Final open flow _____ Bbl/d
Time of open flow between initial and final tests 6 Hours
Static rock Pressure 750 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. Waggoner Consultant
DATE: 12-29-92

Reviewed TM6
Recorded _____

JUL 30 1993

STIMULATION SUMMARY

Partial Plugging Data:

Set 5.61 bridge plug at 4300'

Squeeze Cement Data:

7" Casing perforated at 3900' and squeeze cemented to attain
60' of fill-up to an estimated 3500'.
Total Depth inside 7" at 3870'.

Recompletion Data:

813 813
Devonian "Brown" Shale 3749-3870' 20 holes
90 Quality foam frac, 50,000 lbs 20/40 sand.

See original record for additional formation information and flow data.

TD 5364
DF } 535
DPT }

165-10

Issued 12/17/92

Expires 12/17/94

FORM WW-2B

Environmental Protection

DEC 04 92

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Permitting Office of Oil & Gas

WELL WORK PERMIT APPLICATION

- 1) Well Operator: Viking Energy Inc. ¹⁰⁹⁵ 51440 (9) 593
- 2) Operator's Well Number: H. Collins #1 WV9656 3) Elevation: 636.85
- 4) Well type: (a) Oil or Gas
 - (b) If Gas: Production Underground Storage
 - Deep Shallow
- 5) Proposed Target Formation(s): Shale Sand 441
- 6) Proposed Total Depth: 4536 feet
- 7) Approximate fresh water strata depths: NA
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes / No

11) Proposed Well Work: Perforate and Fracture Shale Sand

12) Temporary or Permanent Plug Back with Turpax Cement

Frac shale up hole.

CASING AND TUBING PROGRAM

Possible squeeze job.

TYPE	SIZE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT		
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13 3/8			60	60	cement to surf
Fresh Water	9 5/8			1800.92	1800.92	<u>Edw. King</u>
Coal						<u>from well</u>
Intermediate	7			5308.37	5308.37	<u>Records</u>
Production	2			5348	5348	
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket CDS Agent
 (Type)

3877/42

DEC 0 4 97

2) Operator's well number
H. Collins #1WV9656
3) API Well No: 47 - 39 - 2125 - FRAC
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 Walnut Vally Park Inc.
Address 1018 Kanawha Blvd. #1200
Charleston, WV. 25301
(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 Road
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 Park
Its: Designated Agent
Address P. O. Box 13366
Sissonville, WV25360
Telephone 304-984-3389

Subscribed and sworn before me this 4 day of December, 1997

Mark T. Wine Notary Public

My commission expires _____

