

FILE NO. W03-06
DRAWING NO. _____
SCALE 1" = 200'
MINIMUM DEGREE OF ACCURACY 1' IN 200'
PROVEN SOURCE OF ELEVATION OPERATORS RECORDS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) _____
R.P.E. _____ L.L.S. 1423

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



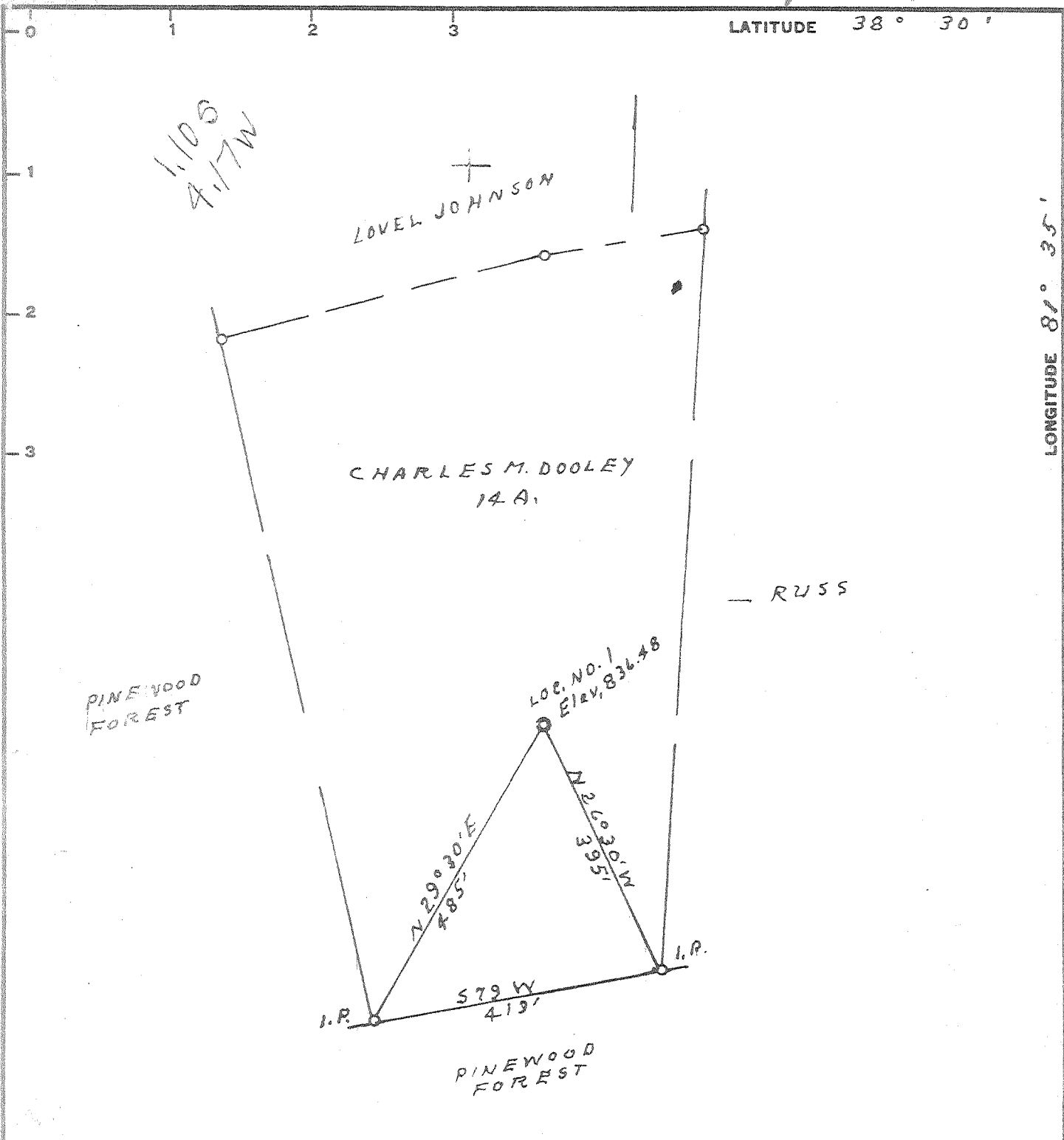
DATE SEPTEMBER 20, 2006
OPERATOR'S WELL NO. DOOLEY #1
API WELL NO. 47-039-02190-F
STATE COUNTY PERMIT

Division of Environmental Protection
Office of Oil & Gas

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
LOCATION: ELEVATION 826.48 WATER SHED TUPPERS CREEK
DISTRICT POCA COUNTY KANAWHA
QUADRANGLE POLATALLICO (7.5')
SURFACE OWNER CHARLES DOOLEY ACREAGE 14.45
OIL & GAS ROYALTY OWNER CHARLES DOOLEY LEASE ACREAGE 14.00 AC.
LEASE NO. _____
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG _____
TARGET FORMATION DEVONIAN SHALE ? DRISKANEY ESTIMATED DEPTH _____
WELL OPERATOR VIKING ENERGY, INC. DESIGNATED AGENT MICHAEL PINKERTON
ADDRESS P.O. Box 13366 ADDRESS SAME AS OPERATOR
SISSONVILLE, WV 25360

JUN 29 2007

KAN. 2190-F



Minimum Error of Closure 1' IN 200'
 Source of Elevation FORKS ROAD S.W. 791.00

- Fracture
- New Location
- Drill Deeper
- Abandonment

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.

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

Company ALLEN BEARD
 Address 115 COURT ST. RIDLEY, W. VA
 Farm MORECOTT & CHARLES M. DOOLEY
 Tract _____ Acres 14 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 836.48
 Quadrangle CHARLESTON NC
 County KANAWHA District POCA
 Engineer L. J. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 10-26-67 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-2190

+ 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.

KAN 2190



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle

WELL RECORD

Permit No. **KAY** 2190

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

Company **Allen Beard**
Address **P. O. Box 179, Spencer, W. Va.**
Farm **Morecott-Chas. M. Dooley** Acres **14**
Location (waters)
Well No. **1** Elev. **836.48**
District **Paca & Union** County **Kanawha**
The surface of tract is owned in fee by
Address
Mineral rights are owned by **Nora Morecott,**
etal Address **Charleston, W. Va**
Drilling commenced **11/25/67**
Drilling completed **12/08/67**
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	65	65	
10 9/8	2014	2014	Size of
8 1/4			
6 3/4	5681	5681	Depth set
5 3/16			
3			Perf. top
2	5761	5761	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume **2,768** Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED **13 3/8** ZE **65** No. Ft. **11/25/67** Date
Amount of cement used (bags) **75** 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) **2/07/68** Mud Acid **1000 - J111 1000 - J84**
600 - Sand 24,000

RESULT AFTER TREATMENT (Initial open Flow or bbls.) **(21,000 MCF) UFG reports 8,100 MCF**
ROCK PRESSURE AFTER TREATMENT **2150 lbs.** HOURS **(4-point potential test)**
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface				0			
Sand & Shale			0	40			
Shale			40	74			
Sand & Shale			74	99			
Shale			99	130			
Sand & Shale			130	214			
Shale & Sand			214	298			
Shale & Sand			298	520			
Shale & Sand			520	700			
Sand & Shale			700	980			
Sand & Shale			980	1179			
Sand & Shale			1179	1198			
Sand			1198	1340			
Sand			1340	1480			
Salt & Sand			1480	1519			
Sand			1519	1540			
Sand & Lime			1540	1676			
Lime			1676	1794			
Lime			1794	1874			
Sand			1874	1895			
Sand			1895	1930			
Sand & Shale			1930	1995			
Shale			1995	2014			
Sandy Shale			2014	2332			
Shale			2332	2903			
Shale			2903	3590			
Shale			3590	4127			
Shale			4127	4727			
Shale			4727	4866			
Line Onondaga			4866	4965			

Formation	Color	Hard or Soft	Top IC	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			4965	5000	Crinkany	4966-5006	
Sand & Lime			5000	5190			
Line			5190	5460			
Line			5460	5681			
Sand			5681	5750	Gas 5742-5746		
Sand			5750	5770	Newburg	5741-5757	(gas 5742-46)
					5741	5741	
					836	4966	
						775	

Date _____, 19__

APPROVED _____, Owner

By _____ (Title)

WR-35
Rev (5-01)

DATE: 2-14-09
API #: 47-039-02190

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Dooley, Charles M. Operator Well No.: Dooley #1

LOCATION: Elevation: 826.48 Quadrangle: Pocatalico

District: Poca County: Kanawha
Latitude: 10,120 Feet South of 38 Deg. 30 Min. 00 Sec.
Longitude 5,350 Feet West of 81 Deg. 37 Min. 30 Sec.

Company: Viking Energy Corp.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>8113 Sissonville Dr.</u> <u>Sissonville, WV 25312</u>	<u>13 3/8</u>		<u>65</u>	<u>Existing</u>
Agent: <u>Michael Pinkerton</u>	<u>9 5/8</u>		<u>2014</u>	<u>Existing</u>
Inspector: <u>Terry Urban</u>	<u>7</u>		<u>5681</u>	<u>existing</u>
Date Permit Issued: <u>6-28-07</u>				
Date Well Work Commenced: <u>8-28-07</u>				
Date Well Work Completed: <u>6-08-08</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): <u>5050'</u>				
Fresh Water Depth (ft.): <u>N-A</u>				
Salt Water Depth (ft.): <u>N-A</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.):				

RECEIVED
Office of Oil & Gas
FEB 23 2009
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 4962 - 4990
Gas: Initial open flow 50 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 20 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 105 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.

Signed: Michael Pinkerton
By: President
Date: 2-15-09

MAR 20 2009

KAN 2190

Appalachian Morning Report

Well Name & No.	Dooley 1#	AFE No.:	0
API No.	390219089F		
State:	WV	County:	Kanawha
Contractor & Rig No.:	BJ Services	Foreman:	0
Report Date:	8/29/2007	Day # :	0

STIMULATION DETAIL:

8-28-2007; MIRU BJ Services frac the Oriskay as follows pump 350 gal 15% Hcl acid, 70 bbl iron control pad. Frac with Cross Link system pumped at Avg 20 BPM, placing 25651 #s 30/50 sand (.5 - 3 PPG). Flushed 1 bbl short of top perf. BD 3374 psi. Avg psi 2457 ; ISIP 2911; 2 min 2624 ; 5min 2062; Final disp pressure 3310 Frac Gr. 1 post frac.