

HEFLIN UNIT HEFLIN NO. 1 47-107-01684

76.67 OF 2488.5 ACRES±

LONGITUDE 81°35'00"
6.990'
LAT. 39°03'51.0"

CONRAD
22.96 ACRES±

HEFLIN NO. 1
47-107-01684
STATE PLANE
COORDINATES
(N) 212503
(E) 1401516

HEFLIN NO. 1
47-107-01684
L & L DECIMAL
39.0641667
81.6078889

BOYCE
16 ACRES±

HEFLIN
33.54 ACRES±

HEFLIN
(23.28 ACRES±)

HEFLIN
2 ACRES±

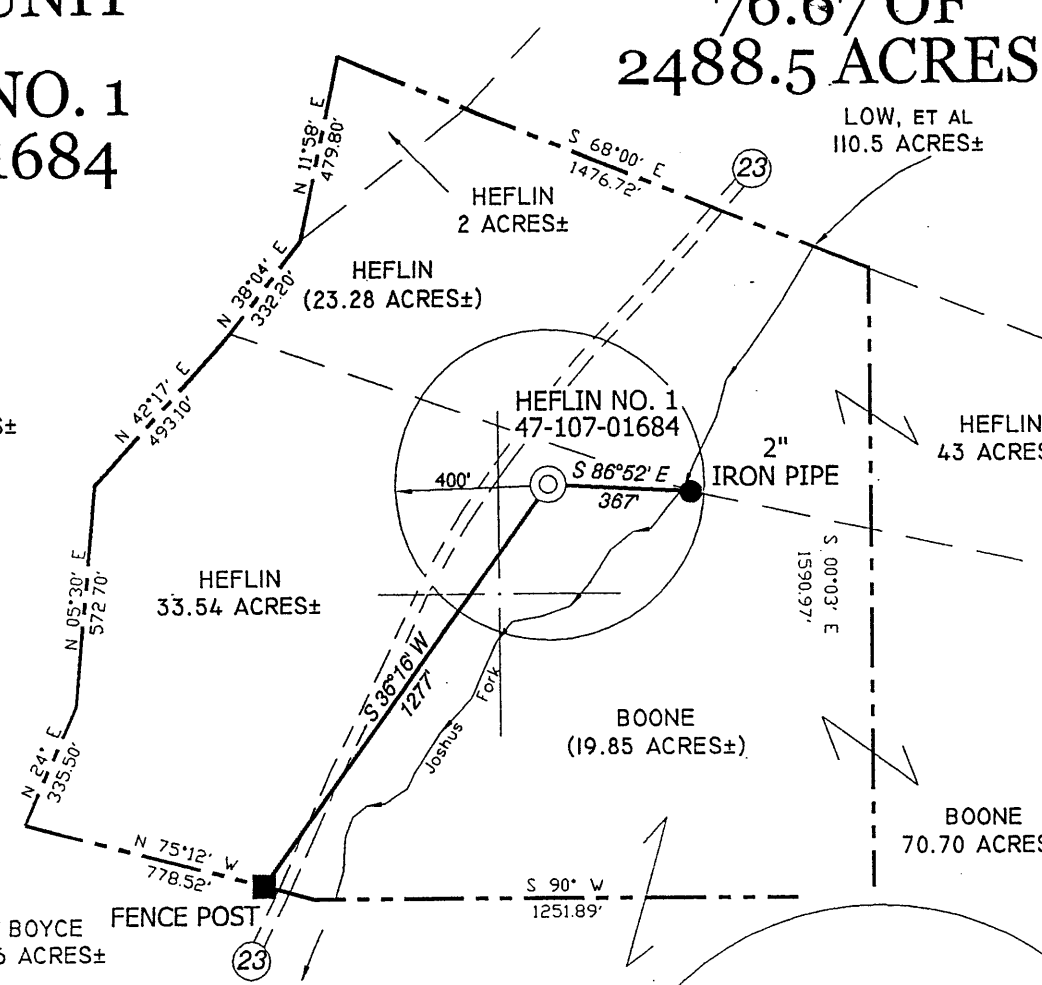
HEFLIN NO. 1
47-107-01684

2" IRON PIPE

HEFLIN
43 ACRES±

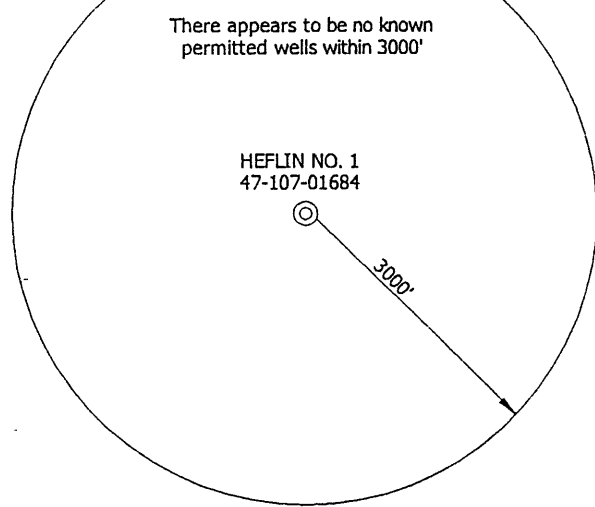
BOONE
(19.85 ACRES±)

BOONE
70.70 ACRES±

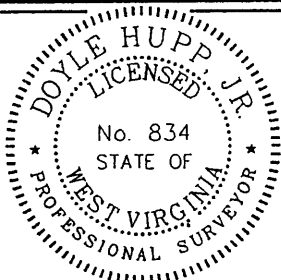


NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD 27. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A WELL PLAT FOR WELL 47-107-01684 DATED NOVEMBER 21, 2003 AND INFORMATION PROVIDED BY PETROEDGE RESOURCES, LLC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WOOD COUNTY IN MARCH, 2007 AND INFORMATION PROVIDED BY PETROEDGE RESOURCES, LLC. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 DIVISION OF ENVIRONMENTAL PROTECTION.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE APRIL 10, 20 07
OPERATORS WELL NO. HEFLIN NO. 1
API WELL NO. 47-107-01684
STATE COUNTY PERMIT

P.S. 834
Doyle Hupp Jr.
HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1596 (BK 32-47)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

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

WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION :
ELEVATION 680' WATERSHED JOSHUS FORK
DISTRICT STEELE COUNTY WOOD QUADRANGLE ROCKPORT 7.5'

SURFACE OWNER KATHY HEFLIN, et vir ACREAGE 33.54±
ROYALTY OWNER CABOT OIL & GAS CORP, et al LEASE ACREAGE 2488.5±

PROPOSED WORK : **APR 27 2007** LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION HELDERBERG GROUP
ESTIMATED DEPTH 5,000' **APR 27 2007**

WELL OPERATOR PETROEDGE RESOURCES (WV), LLC DESIGNATED AGENT DAN MULLINS
ADDRESS 2925 BRIARPARK DR. SUITE 150 HOUSTON, TX 77042 ADDRESS 101 WEST MAIN ST. HARRISVILLE, WV 26362

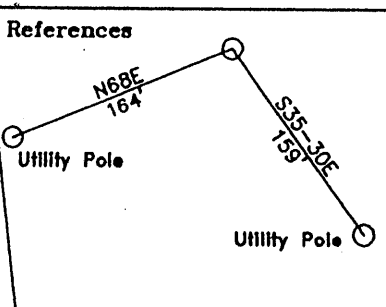
COUNTY NAME WOOD
PERMIT 1684 D

Kathy Heflin Unit

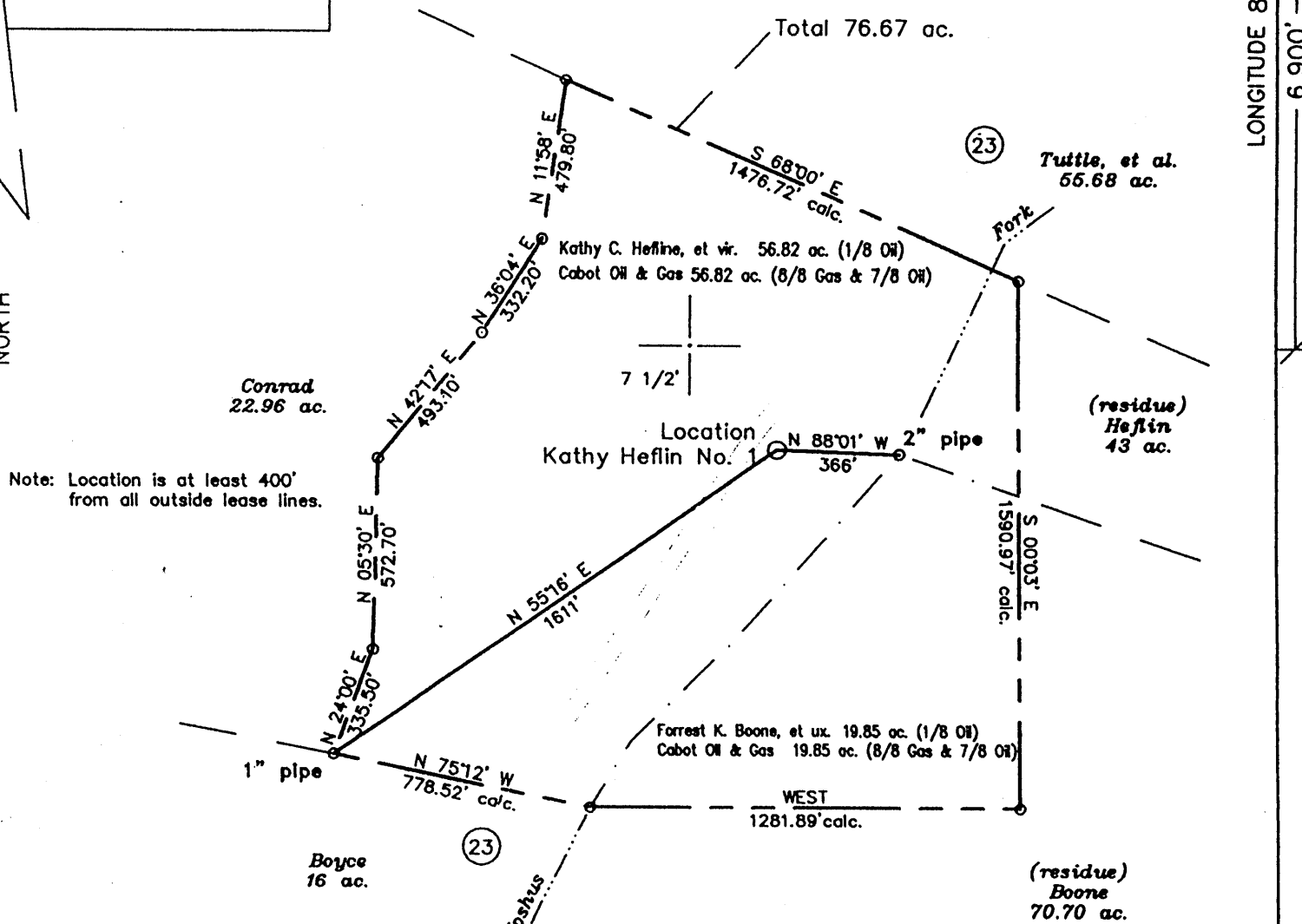
Tract No.

1	Kathy C. Hefline, et vir.	56.82 ac. (1/8 Oil)
2	Forrest K. Boone, et ux.	19.85 ac. (1/8 Oil)
3	Cabot Oil & Gas	76.67 ac. (8/8 Gas & 7/8 Oil)

Total 76.67 ac.



NORTH



Note: Location is at least 400' from all outside lease lines.

Note: Well file bearings based on Grid North NAD83 SPC WV North Zone.

NOTE: This plat does not represent surveyed land. Tracts shown were platted from record information and calculations.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION CPS
submeter unit

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 ENERGY

(SIGNED) [Signature]
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE November 21, 2003
 OPERATOR'S WELL NO. Kathy Heflin No. 1
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 107 COUNTY 01684 PERMIT
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 667' WATER SHED Joshus Fork
 DISTRICT Steele COUNTY Wood
 QUADRANGLE Rockport 7 1/2

SURFACE OWNER Kathy Heflin, et vir ACREAGE 33.54
 OIL & GAS ROYALTY OWNER Cabot Oil & Gas LEASE ACREAGE 2488.5
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Oriskany ESTIMATED DEPTH 5000'
 WELL OPERATOR Enervest Operating, L.L.C. DESIGNATED AGENT Kenneth Mariani
 ADDRESS P.O. Drawer 1878 Clarksburg, WV 26301-1878 ADDRESS P.O. Drawer 1878 Clarksburg, WV 26301-1878

COUNTY NAME WOOD
 PERMIT 1684

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

Well Operator's Report of Well Work

Farm name: Kathy Heflin Et. Operator Well No.: Kathy Heflin No. 1

LOCATION: Elevation: 667' Quadrangle: Rockport

District: Steele County: Wood
Latitude: 6900 Feet South of 39 Deg. 05 Min. 00 Sec.
Longitude 7000 Feet West of 81 Deg. 35 Min. 00 Sec.

Company: Enervest Operating, L.L.C.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 300 Capitol St., Suite 700	20"	37'	37'	
Charleston, WV 25301	13 3/8"	676'	676'	To surface
Agent:	9 5/8"	2276'	2276'	693 cu ft
Inspector: Larry Parrish				
Date Permit Issued: 12/08/2003				
Date Well Work Commenced: 12/13/03				
Date Well Work Completed: 1/10/04				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary X Cable Rig				
Total Depth (feet): 4856'				
Fresh Water Depth (ft.): 524' , 1078'				
Salt Water Depth (ft.): 1613' ,1679'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None Identified				

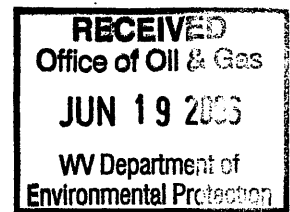
OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 4680
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation N/A 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: [Signature]
By: David M. ELKIN
Date: 6/7/06



JUL 07 2006

WOOD 1684

<u>Formation</u>	<u>Top</u>	<u>Source</u>
Big Injun	1581'	Log
Berea	2153'	Log
Marcellus	4556'	Log
Onondaga	4575'	Log
Oriskany	4680'	Log
Helderberg	4710'	Log

JUL 07 2006

WR-35
Rev (5-01)

DATE: June 19, 2008
API #: 47-107-1684

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

Well Operator's Report of Well Work

Farm name: Kathy Heflin
LOCATION: Elevation: 848'

Operator Well No.: Heflin #1
Quadrangle: Rockport 7.5

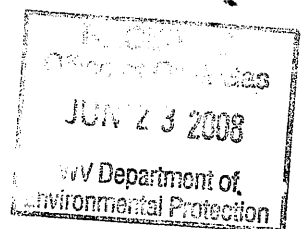
District: Steele County: Wood
Latitude: 39.0641667 Feet South of ___ Deg. ___ Min. ___ Sec.
Longitude 81.6078889 Feet West of ___ Deg. ___ Min. ___ Sec.

Company: PetroEdge Resources (WV) LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2925 Briarpark Drive Suite 150 Houston TX 77042				
Agent: Dan Mullins				
Inspector: Jamie Stevens				
Date Permit Issued:				
Date Well Work Commenced: 5/2/2007				
Date Well Work Completed: 7/5/2007	13 3/8"	676'	676'	Surface 170 cu ft
Verbal Plugging:	9 5/8"	2276'	2276'	Surface 352 cu ft
Date Permission granted on:	4 1/2"	4792'	4792'	Surface 509 cu ft
Rotary Cable Rig	4 1/2"	4781'	4781'	3170' 165 cu ft
Total Depth (feet): 4808'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 4683'-4703'
Gas: Initial open flow 50 MCF/d Oil: Initial open flow 0 bp/d
Final open flow 30 MCF/d Final open flow 0 bp/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 920psig (surface pressure) after 48 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: Dan Mullins
By: Dan Mullins - Engineer/Agent
Date: June 19, 2008

AUG 08 2008

WOOD
1681

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

Well Operator's Report of Well Work

Farm name: Kathy Heflin
LOCATION: Elevation: 848'
District: Steele
Latitude: 39.0753889 Feet South of ___ Deg. ___ Min. ___ Sec.
Longitude 81.6200556 Feet West of ___ Deg. ___ Min. ___ Sec.

Operator Well No.: Heflin #1
Quadrangle: Rockport 7.5'
County: Wood

Perforations By: Superior Well Service 4683'-4703'
Fractured by: BJ Services
Water - 1140 BBLs
N2 - 0 SCF
Sand - 45800 LBS 30/50 Mesh sand

<u>47-107-1684</u>	<u>TOP</u>	<u>BOTTOM</u>
Lower Huron	3943	4316
Rhinestreet	4316	4493
Cashaqua	4493	4575
Onondaga	4575	4682
Oriskany	4682	4709
Heldeberg	4709	4808