

(5-01)
State of West Virginia
Department of Environmental Protection

DATE: 12/22/04 API #: 47-095-01253F

Aut

Well Operator's Report of Well Work

Office of Oil and Gas

Farm name: <u>Hendershot</u>	Operator Well No.: _# 2				
LOCATION: Elevation: 1019'	Quadrangle: West Union 7.5'				
District: Centerville	_	County:	<u> [yler</u>		
Latitude: 7350 Feet South of 39	Deg. <u>18</u>				
Longitude: 9880 Feet West of 80	Deg. <u>52</u>	Min. <u>05.1</u>	Sec.		
Company: TERM Energy Corporation					
TEXAL Energy Corporation	Casing &	Used in	Left in well	Cement fill	
	Tubing	drilling	Left in wen	up Cu. Ft.	
Address: 713 East Main Street		S		up cu. rt.	
Harrisville, WV 26362	-				
Agent: Leroy Baker	See	Previous	Wr-35		
Inspector: Mike Underwood					
Date Permit Issued: 07/01/2002					
Date Well Work Commenced: 07/10/02					
Date Well Work Completed: 07/15/02					
Verbal Plugging:					
Date Permission granted on:	<u> </u>				
Rotary Cable Rig					
Total Depth (feet):		<u> </u>			
Fresh Water Depth (ft.): N/A					
Salt Water Depth (ft.): N/A					
T III GIRDO N		 			
Is coal being mined in area (N/Y)? N Coal Depths		ļ	<u> </u>		
(ft.): N/A					
(it.).	I	ı		1	
OPEN FLOW DATA					
Producing formation Big Injun & Weir	P	ay zone depth	(ft) 2235' - 2	258'	
Gas: Initial open flow 10 MCF/	d Oil: Initial o	pen flow	Bbl/d		
Final open flow 124 MCF/	d Final op	en flow sh	ow Bbl/d		
Time of open flow between initial and	final tests	Hou	rs		
Static rock Pressurepsig (surfa	ce pressure) a	fter	Hours		
Commingled with previous history	• /		•		
Second producing formation	Pa	ay zone depth	(ft)		
Gas: Initial open flowMCF/d Oil:	Initial open f	low	Bbl/d		
Final open flow MCF/d	Final open flo	ow]	Bbl/d		
Time of open flow between initial and	final tests	Hou	rs		
Static rock Pressurepsig (surfac	e pressure) af	ter I	Hours		7
		•			7
NOTE: ON BACK OF THIS FORM PUT THE	FOLLOWING:	1). DETAILS	OF PERFORAT	EBECEIVED	•
INTERVALS, FRACTURING OR STIMULATIN	NG, PHYSICA	L CHANGE, I	ETC. 2). THE W	Trice of Chief	2
INTERVALS, FRACTURING OR STIMULATING US WHICH IS A SYSTEMATIC DETAILED INCLUDING COAL ENCOUNTERED BY THE	GEOLOGICA	L RECORD O	F ALL FORMA	rions,	25
INCLUDING COAL ENCOUNTERED BY THE	WELLBORE.			MAR 2 3 2005	W
Signed: TERM Energy Co.	moration		\		7
				WW Department of	
By:		····	En	vironmental Protection	
<u></u>			-	 •	

Halliburton Two Stage Delta Frac

1st Stage Weir (10 holes) (2235 - 2258)

20 # Delta, 12 bbls. 15% HCL acid,

30,000 # 20/40 sand, 300,000 scf N2,

425 bbls. Fluid

2nd Stage Big Injun (12 holes) (1952 – 1961)

20 # Delta, 12 bbls. 15% HCL acid

20,000 # 20/40 sand, 51,000 scf N2,

229 bbls. Fluid



State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

DIVISION OF OIL & GAS Well Operator's Report of Well Work DEPARTMENT OF ENERGY

Farm name: WILSON, RUBY

Operator Well No.: HENDERSHOT 2

LOCATION:

Elevation: 1022.00

Quadransle: WEST UNION

District: CENTERVILLE Counts: TYLER Latitude: 7410 Feet South of 39 Deg. 20Min. 0 Sec.

Lonsitude 9900 Feet West of 80 Des. 50 Min. O Sec.

Company:TERM ENERGY CORP. 110 N. SPRING ST.	 facing	lleed in 1	Left Cement
HARRISVILLE, WV			Fill Ur
THE TAX SECTION AND ADDRESS OF THE TAX SECTION ADDRESS OF THE TAX SECTION ADDRESS OF THE TAX SECTION AND ADDRESS OF THE TAX SECTION			in WellICu. Ft.
Asent: KATHY D, JARVIS	 		
	l Size	!	Surface
Inspector: GLEN P. ROBINSON Fermit Issued: 07/21/88	11 3/4"	301.85	301.85 175 Sks
Well work Commenced:			
Well work Completed: 8-11-88	1 0 5 / 011 1	16/1 00 1	Surface
Verbal Plusdins	1 .8 5/8" 1	1641.90	1641.90 385 Sks
Permission sranted on:RotaryXX_CableRis	1		
Total Depth (feet)5346 Fresh water depths (ft)90	4 1/2"	5288.35	3800' 5288.35 270 Sks
resn water depons (16) 20	1 1		1
Salt water desths (ft)1450	2 3/8"	i	5115
Is coal being mined in area (Y/N)?			
Coal Derths (ft):NA	1 1	1	1
OPEN FLOW DATA			
	.i	* ′	
Producing formation_Alexander		. Pas zone d	erth (ft) 5141-522
Gast Initial open flow- MCF	/d Oilt Te	citial near	flou Rbl/

Producing formation <u>Alexan</u>	ider Fay zone derth (ft)5141-5225	
Final open flow (750)	MCF/d Oil: Initial open flowBbl/c MCF/d	i
Static rack Bressure	psid (surface pressure) afterHours	į
Second graducing formation.	Riley Pas zone deeth (ft)4477-4535	
Final open flow Time of open flow betw	MCF/d Oil: Initial open flowBhl/c MCF/d	1 :
Static rock Pressure1525_	psis (surface pressure) after16Hours	;

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 WELL MORE.

For: TERM ENERGY CORP.

Bu: Thathy 10 Oarris, agent AUG 22 1988

1 resilin

8-11-88 Perforated Alexander 5141; 17 holes; .39 Riley 4477; 18 holes; .39

2 stage water frac - Alexander--Max TR. Pressure 3350; Average rate 30.9; Average pressure 2758; 70,000 #20/40, 4500# 80/100; Max. conc 5 1b, total acid 1,000 gal., ISIP 1380,5 min 1232, Total Nitrogen 96,000; scf total fluids 800 bbls.

Riley--Max TR. Pressure 2804; Average rate 31.4; Average pressure 2674; 5500# 20/40, 4500# 80/100; Max. conc. 4, total acid 1,000; ISIP 1626, 5 min 1258; total Nitrogen 91,500, scf total fluids 687 bbls.

WELL LOG:	TOP		воттом	Moham
Sand, Shale and Red Rock	0		1851	Water ½" stream 90'
Little Lime	1851	4	1871	Damp 1450'
Big Lime	1871		1956	· •
Big Injun	1956		2054	
Sand & Shale	2054		5346	TD
•				
LOG TOPS:		• •		
Big Lime	1873		1949	
Big Injun	1949		1969	
Weir	2198		2350	
Gordon	2653		2665	
Warren	3332		3391	
Bulltown	3845		3858	
Riley	4476		4535	
Benson	4896		4903	
/ Alexander	5141		5225	



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

	1 of WW2-A 91)	RECEIVED W Division of 1) Commental Protection 2) 3)	Operator's well number
19325	DIVISI	STATE OF WESON OF ENVIRONMENTAL PROTE	ECTION, OFFICE OF OIL AND GAS
•	(a) Name Address	wner(s) to be served: Ruby Wilson et al Rt. 1 Box 5 Harrisville, WV 26362	5) (a) Coal Operator: NameN/A Address
	(b) Name Address _		(b) Coal Owner(s) with Declaration Name N/A Address
			Name Address
6)	Address _	Mike Underwood Rt. 2 Box 135 Salem, WW 26426 (304)-782-1043	(c) Coal Lessee with Declaration NameN/A Address
		TO THE PERSON(S) NAMED A	
Secti I hav	Included Included Included I certify Se served of I panying do I Certify Control I certify I cer	hich I hold the right to is the information requir f the Code of West Virgin that as required under C copies of this notice and	ed by Chapter 22B, Article 1, ia (see page 2) hapter 22B of the West Virginia Code application, a location plat, and on the above named parties, by: ttached) stal receipt attached)
famil attac	e terms and I certify iar with the homents, and	nd conditions of any perm under penalty of law tha the information submitted nd that based on my inqui	22B and 38 CSR 11-18, and I agree it issued under this application. t I have personally examined and am on this application form and all ry of those individuals immediately on, I believe that the information

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

OFFICIAL SEAL Well Operator Term Energy Corporation

MICHAEL B. SCHOOL BY: Lan DOLL and Jean Freeland

Designated Agent

1997

By:

Its: 7

Address

Telephone

Dolland

713 E. MX Main St.

Harrisville, WV 26362

Jean Freeland

1994

Notary Public

is true, accurate, and complete.

MICHAEL B. RING

Rt. 2, Box 31 Harrisville, W. Va. 26362

My Commission Expires September 21, 1998

Subscribed and sworn

My commission expires

095-1253-1= Issued 06/27/94

FORM WW-2B

		DEPART	STAT MENT OF E	TE OF WEST	VIRGINIA VISION OF O	Cyphei IL AND GAS N	06/27/96
	•		WELL WO	ORK PERMIT	APPLICATIO	N A	ECEIVED
1)	Well Ope		•	886 y Corporation			WY Division of commental Protects
2)	Operator	's Well	Number:	Hendershot :	12	1	W 3 evation 1 ₁₀₂₂
4)	Well typ	e: (a) (0il/	or Gas	SXX_/	CN	North State Con
	(b) If Gas: ProductionXX / Underground Storage/ . Deep/ Shallow x/x						
5)	Proposed	Target 1	Formation	n(s): <u>Weir.</u>	387 Big Injun		
6)	Proposed	Total De	epth: <u>528</u>	88 Actual) feet		
7)	Approxim	ate fres	h water s	trata dept	hs: 272'		
8)	Approxim	ate salt	water de	epths:	1450'		
9)	Approxim	ate coal	seam dep	oths: Non	ıe		
10)	Does lan	d contai:	n coal se	ams tribut	ary to act	ive mine? Y	es/ No <u>xx</u> _/
11)							
Proposed Well Work: Set bridge plug at 2510', perf & squeeze cement from 2500' to 1800'. Set small mouth frac plug at 2350', frac weir, Set Large mouth frac plug at 2070', frac Big Injun. Comingle with lower production CASING AND TUBING PROGRAM					h frac plug at		
TYPE			PECIFICAT		FOOTAGE II		CEMENT
		Size	Građe	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Condi	uctor	11/34"	J-55	42#	301 85'	301.85'	CTS 175 sks
Fresl	n Water	8 5/8"	.I-55	20# 23#	1000' 641.90'	1000'	CTS
Coal							Jo, KAll
Inter	rmediate					/	
Produ	action	4 1/2"	.J-55	11.6# 10.5#	84' 5204.35'	84' 5204.35'	270sks
Tubing January							
Liner	cs ·						
PACKERS : Kind							
	Siz	es_ ths set _					
	For Divison of Oil and Gas Use Only						

| Fee(s) paid: | | Well Work Permit | | Reclamation Fund | | WPCP | | Plat | | | WW-9 | | | | WW-2B | | | | Bond | | | Agent /27

Issued 7/21/88 Expires 7/21/90

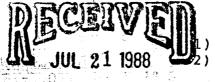
FORM WW-2B

		Pageof
	STATE OF WEST VIRGINIA	
DEPARTMENT	OF ENERGY, DIVISION OF	OIL AND GAS
WE	TT WODE DEDMIN ADDITIONS	TAN

		WELL WO	ORK PERMIT	APPLIÇATIO	N	en e
1) Well Ope	erator:	TERM Ener	gy Corporati	Lon 4910	5; 1, 670)
A STATE OF THE STATE OF					v /	evation: <u>1022</u>
4) Well ty	pe: (a)	0il_/	or Ga:	s_X/	. •	
**************************************	(b)	If Gas:	Productio	nX / Underg	round Storag	e/
			Dee	p/	Shallo	w <u>X</u> /
					enson,	Rivery
6) Proposed	d Total D	epth:	5292	feet 272, ths:	' WPR	•
7) Approxi	mate fres	h water s	trata dep	ths:	approx.	ATTENTION OF THE PROPERTY OF T
				1500'		
9) Approxim	mate coal	seam dep	ths:	none		
10) Does lan	nd contai	n coal se	ams tribu	tary to act	ive mine? Yo	es/ No/
11) Proposed	Well Wo	rk: //	ill 5	Stimulato	Mell	11/100
12)				rumaaa	, Tuesday	week,
		CASIN	G AND TUB	ING PROGRAM		•
TYPE	S	PECIFICAT	IONS	FOOTAGE II	NTERVALS	CEMENT
	Size	Grade	Weight per ft.	For drilling,	Left in	Fill-up
Conductor	113/4 "		42	302 A	302/8/	7-38 CSR18 11.3 CTS
Fresh Water	8 5/8'		20 23	(000;	16001	75 1000 SKS
Coal						
Intermediate						-38CSR18.11.1
Production	45"		11-6 10.5	84 5900	5284 R	200 sacta
Tubing	99.,				5130'	
Liners		10) [5]	CIEILV)	3		
<u>PACKERS</u> : Kin	d		JL 21 1988			
Siz Dep	ths set	DIVISI	ON OF OIL & C	AS		
0000		DEPART Diviso		ind Gas Use	Only Cojo	KAPR
LX Fee(s) p	ajid:	UL.	ork Permit	(amation Fund	I WPCP
(A)		(-H)	20 (H) 1	50B6	mpet	974

Page 1 of Form WW2-A (09/87)File Copy

or yeardines.



DIVISION OF OIL & GAS 3) DEPARTMENT OF ENERGY

Date: <u>July 18, 1988</u> Operator's well number Hendershot #2 (88-7)

- 1253 API Well No: 47 - 095 State - Count State - County - Permit

STATE OF WEST WITHOUTHIN

DEPARTMENT OF ENERGY,	DIVISION OF OIL AND GAS
NOTICE AND APPLICATION	N BOD A WITTE WORK OF BUILDING TO STATE
NOTICE AND APPLICATION	N FOR A WELL WORK PERMIT NOTICE A
4) Surface Owner(s) to be served:	5) (a) Coal Operator: (a) Owner(n) to
(a) Name <u>Ruby WIlson et al</u> Address	and Name of the second of the
Harrisville WV 26362	Address Aidress
(b) Name	(b) Coal Owner(s) with Declaration
Address	<u> </u>
Management of the second of th	Address
(c) Name Address	, in the second
Address	Name
	100 CONTRACTOR OF THE PARTY OF
6) Inspector Glen Robinson Address Rt 1, #6 Mt Pleasant Est	(c) Coal Lessee with Declaration
Address Rt 1, #6 Mt Pleasant Est	atesName Address No.
rinerals wells, wv 2615	10 Address
Telephone (304)- 489-9162	the research that the first of the form
TO THE PERSON(S) NAMED	ABOVE TAKE NOTICE THAT:
The second secon	ADOVE TAKE NOTICE THAT:
Included is the lease or leases	or other continuing contract or
contracts by which I hold the right t	o extract oil and das OR
included is the information requ	lired by Chapter 228 Article 1
Section 8(d) of the Code of West Virg	inia (see page 2)
I have served copies of this notice a	Chapter 22B of the West Virginia Code
accompanying documents pages 1 through	in on the above named parties by:
Personal Service (Affidavit	attached)
Certified Mail (Postmarked	postal receipt attached)
Publication (Notice of Publ	ication attached)
I have road and understand discus-	000
to the terms and conditions of any pe	er 22B and 38 CSR 11-18, and I agree
I certify under penalty of law t	hat I have personally examined and am
ramiliar with the information submitt	ed on this application form and all
actachments, and that based on my ind	uiry of those individuals immediately
responsible for optaining the informa	tion, I believe that the information
is true, accurate, and complete.	
information, including the possibilit	icant penalties for submitting false
Well Operato	r TERM Engrey Corporation
OFFICIAL SEAL By: Kathy	D. Jarvis KATHUA) OMMAA)
NOTARY PUBLIC Its: Age	ent
STATE OF WEST VIRGINIA Address 110 No	orth Spring Street, Harrisville WV 26362
Rt. 2, Box 117A Pennsboro, West Virginia 26415 Telephone	304-643-4500
Mu Serwis Pherica hard swarp before me this	
D. WAR	1988 day of July 1988
2 Imma J. Kozen Walm	Notary Public
My commission expires	