

DEEP WALL 6-6 Gilbert

(271)

109-1082 page 1 of 1

FORM WW-2B

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION 2750 5,363

T) MEIT OF	perator:		TOTALION, II		100,0	1.000
2) Operato	or's Well		M. Ritter I O, Serial #1	Lumber Co.	/ /	evation: 1864.24
4) Well ty	/pe: (a)	Oil_/	or Gas	5 <u>X</u> /		
	(b)	If Gas:		n <u>X</u> / Undergr p/	cound Storag Shallo	
5) Propose	ed Target	Formation	n(s): Devor	nian Shale		**************************************
6) Propose	ed Total D	epth:	6369'K	B feet	•	
7) Approxi	.mate fres	h water s	trata dept	hs: 849'KB		•
8) Approxi	Approximate salt water depths: 2044 KB					
9) Approxi	mate coal	seam dep	oths: Coal	. Seams Not Op	erated	:
10) Does la	and contai	n coal se	ams tribut	ary to acti	ive mine? /Y	es/ No_X/
11) Propose	ed Well Wo	rk: //	ill 3 St.	insulate	New Well	K
12)						
		CASIN	IG AND TUB	ING PROGRAM		
TYPE	S	PECIFICAT	TIONS -	FOOTAGE IN	TERVALS	CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	H40	65.0	30	30 🥎	CTS
Fresh Water	· .					38CSR18+11. 3
Coal			7		S	38CSP10-112-d
Intermediate	8 5/8"	J55	24.0	2094	2094	CTS
Production	5 1/2"	J55	15.5	6369	6369	38CSRIB-//1
Tubing	1.9"	CW55			6319	Siphon
Liners					ME	CEIVIEN
PACKERS : Ki	.nd				A Ca	550.0000
Si	zes				60	FEB Z 7 1989
76510		or Diviso	on of Oil a	and Gas Use	O C B A	SION OF OIL & GAS RTMENT OF ENERGY
Fee(s)		W	ork Permit	SH	lamation Fun	d SI WPCP
Plat /	Al ww-a	H WW-	\sim 11	Bond 5018	mket	Agent
THE STATE !	<i>(10)</i>	Just 11	- year		Type)	- / 1.9cm

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Date: February 24, 1989 1) 2)

Operator's well number

W. M. Ritter Lumber Co. #240, Serial #117651

API Well No: 47 - 109 -State - County - Permit

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

3)

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)		Owner(s) to be served:		r:
	(a) Name	Georgia-Pacific Corp.	Name <u>None</u>	
		133 Peachtree		
•	/ - > = = =	Atlanta, GA 30303		
	(D) Name		(b) Coal Owner(s) w	
	Address -		Name Same as No. 4(a	.)
			Address	
	(c) Name			
	Address _		Name	
			Address	
6)	Inspector	r _ Tim_Bennett	(c) Coal Lessee with	h Declaration
	Address	525 Tiller St.	Name <u>Virginia Crews</u>	
	•	Logan, WV 25601	Address P.O. Box 727	
	Telephone	e (304)- <u>792-7075</u>	Iaeger, WV 2	
		7 (301)		4044-0727
		TO THE PERSON(S) NAMED	ABOVE TAKE NOTICE THAT	•
	_ Included	is the lease or leases	or other continuing con	ntract or
cont	racts by v	which I hold the right t	o extract oil and gas (<u> </u>
X	Included	is the information requ	ired by Chapter 22B, A:	rticle 1,
Sect	ion 8(d) (of the Code of West Virg	inia (see page 2)	·
	I certify	y that as required under	Chapter 22B of the Wes	st Virginia Code
I ha	ve served	copies of this notice a	nd application, a locat	tion plat. and
acco	mpanying o	documents pages 1 throug	h 2 on the above name	ed parties by:
	Pers	sonal Service (Affidavit	attached)	or partico, by.
		tified Mail (Postmarked		an
		lication (Notice of Publ		1)
	Fub.	rication (Notice of Publ	ication attached)	
	T have v	tendo bentanaben ben ben		
	r nave re	ead and understand Chapt	er 22B and 38 CSR 11-18	s, and I agree
LOL	ne terms a	and conditions of any pe	rmit issued under this	application.
	1 certify	y under penalty of law t	hat I have personally of	examined and am
tami	liar with	the information submitt	ed on this application	form and all
atta	chments, a	and that based on my inq	uiry of those individua	als immediately
resp	onsible fo	or obtaining the informa	tion, I believe that the	he information
is t	rue, accui	rate, and complete.		
	I am awar	re that there are signif	icant penalties for sul	omitting false
info	rmation,	including the possibilit	y of fine and imprison	ment.
	•		r Ashland Exploration, In	
		PSF By: J. T. Me		Windson !
			er Eastern Region	
		Address P.O		
			land, KY 41114	
		Telephone		<u> </u>
Subs	cribed and	j sworn before me this 24	4th day of February	, 1989
	1/	(0. 1 (D)		
	7/11	Bi W. NonTo		Notary Public
Mvr	commission	expires November 23, 1990)	uordry runtic
<i>ـ د</i> ،،	Chanzoston	Capites Movember 23, 1990	J	
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State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GEORGIA-PACIFIC CORP.

Operator Well No.: 240-S-117651

LOCATION:

Elevation: 1864.24 Quadrangle: GILBERT

8/16/89

District: HUFF CREEK County: WYOMING

Latitude: 14125 Feet South of 37 Deg. 37Min. 30 Sec. Longitude 11550 Feet West of 81 Deg. 45 Min. 0 Sec.

Company: ASHLAND EXPLORATION, INC.

P. O. BOX 391

ASHLAND, KY 41114-0000

Agent: FORREST BURKETT

Inspector: RODNEY G. DILLON

Permit Issued: 03/20/89 6/5/89

Well work Commenced: Well work Completed:

Verbal Plugging

Permission granted on:

Rotary X Cable Rig
Total Depth (feet) 6340
Fresh water depths (ft) Hole damp @

648'. Approx. 849' KB
Salt water depths (ft) Approx. 2044'

Is coal being mined in area (Y/N)? Coal Depths (ft): Not noted during drilling

Casing	Used in	Left	Cement
Tubing	Drilling	in Well	Fill Up Cu. Ft.
Size			
16"	30'	30'	17 1/2
8 5/8"	2098'	2098'	 785
5 1/2"	6327'	6327'	720
 g	M AUG	ENV) E	

OPEN FLOW DATA

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Producing formation Devonian Shale	Pay zone depth (ft) 5226-6228
Gas: Initial open flow MCF/d Oi.	: Initial open flow Bbl/d
Final open flow 4581 321 MCF/d	Final open flow Bbl/d
Time of open flow between initial	l and final tests Hours
Static rock Pressure 475 psig (su	rface pressure) after 14 Hours
*Shale is isolated w/Baker RBP set @ Second producing formation Berea Gas: Initial open flow MCF/d Oil Final open flow 4260 MCF/d Time of open flow between initial Static rock Pressure 700 psig (sur	Pay zone depth (ft) 4147-4165 1: Initial open flow Bbl/d Final open flow Bbl/d and final tests

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: ASHLAND EXPLORATION, INCHALE

> > James of Stephens Date: 8/17/89

James L. Stephens Engineering Technician

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AUG 2 5 1989

TODAL MITON		
FORMATION	TOP	BASE
Sand & Shale	0	1733
Lee Sand	1733	2071
Shale	2071	2360
Ravenscliff	2360	2423
Avis LS	2423	2468
Shale	2468	2502
Stray Maxton	2502	2701
Upper Maxton	2701	2791
Shale	2791	2819
Middle Maxton	2819	2858
Sand & Shale	2858	3023
Lower Maxton	3023	3041
Shale	3041	3088
Little Lime	3088	3180
Pencil Cave	3180	3203
Big Lime	3203	3562
Shale	3562	3675
Weir	3675	3790
Shale	3790	4113
Coffee Shale	4113	4136
Berea	4136	4180
Devonian Shale	4180	6275
Marcellus Rhine Siee	6275	6323
Onondaga LS	6323	TD
	0000	***



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

DTD 6341 LTD 6340

WELL TREATMENT

Perf L. Dev. Shale 25H/5980-6228. 75 Q foam frac using 1000 gal inh Fe acid, 1000 gal 25% treated Methanol, 20#/1000 gal gel system, 84,800#/20/40 sand & 1,000,003 SCF N2 @ 33,500 SCF/min. BD @ 2350#/1000, ATP 2480#/1000 @ 50 bpm foam rate, MTP 2510#/1000, ISIP 1500#/1000, 15 min 1330#/1000, TSLF 302 bbls. & TF 416 bbls.

Perf U. Dev. Shale 25H/5226-5648. 75 Q foam frac using 1000 gal 7 1/2% HCl, 1000 gal 25% treated Methanol, 97,500# 20/40 sand & 870,000 SCF N2 @ 28,000 SCF/min. BD @ 2090#, ATP 2320# @ 50 bpm foam rate, MTP 2370#, ISIP 1250#, 15 min 1060# & TF 445 bbls.

Perf Berea 36H/4147-4165. 75 Q foam frac using 500 gal 17% inh Fe acid, 49,600#20/40 sand & 365,000 SCF N2 @ 10,200 SCF/min. BD @ 1380#, ATP 1200# @ 25 bpm foam rate, MTP 1380#, ISIP 900#, 15 min 780# & TF 233 bbls.

UN 4136 - 7 UN 5286 / 3136 A 6086

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