



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

WELL REGISTER ASSIGNMENT

This API Number 47-103-01530, issued to PENNZOIL PRODUCTS COMPANY is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK - 304-269-2335.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit Chief

By: The state of t

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Operator's Well No: BALL HEIRS #2

Farm Name: WEST VIRGINIA, STATE OF

API Well Number : 47-103-01530 N

Date Issued : 03/03/93

Farm name:

LOCATION:

WVA. PUBLIC LANDS

Operator Well No.: BALL HEIRS #2

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Elevation: 1,257.00 Quadrangle: CENTER POINT

District: GREEN Latitude: 10950 Feet Sout Longitude 400 Feet West	h of 39	ounty: WETZI Deg. 30Min Deg. 40 Min	. 0 Sec.	
Company:PENNZOIL PRODUCTS COMPANY P. O. BOX 5519 VIENNA, WV 26105-5519	&	Used in Drilling		Cement Fill Up Cu. Ft.
Agent: JAMES A. CREWS				
Inspector: RANDAL MICK Permit Issued: 09/01/93 Well work Commenced: 11/10/93 Well work Completed: 6/7/94	Size	See original 	 well recor 	
Verbal Plugging			İ	İ
Permission granted on:		-		
Rotary Cable χ Rig Total Depth (feet) $3216'$ Fresh water depths (ft) N/A	3-1/2	3193'	 3193' 	50 Sks.
Salt water depths (ft) N/A		 	 	
Is coal being mined in area (Y/N)? N Coal Depths (ft): N/A		 	 	
OPEN FLOW DATA Water Injection Well				•
Producing formation Gordon Gas: Initial open flow MCF, Final open flow mCF, Time of open flow between in	/d Oil: Ii /d F: nitial and	Pay zone on titial open inal open final test	depth (ft flow low ts	3149'-3171'Bbl/dBbl/dBours
Static rock Pressurepsic	g (surface	e pressure)	after	Hours
Second producing formation Gas: Initial open flow MCF/ Final open flow MCF/	/d 0:1. T	Pay zone	depth (ft)	Bbl/d
Final open flow MCF	/d F:	inal open fi	low	Bbl/d Bbl/d
Time of open flow between in	nitial and	d final tes	ts	Hours
Static rock Pressurepsic	g (surface	e pressure)	after	Hours
NOTE: ON BACK OF THIS FORM PUT THE INTERVALS, FRACTURING OR STIMULATING, LOG WHICH IS A SYSTEMATIC DETAILED INCLUDING COAL ENCOUNTERED BY THE WELI	PHYSICA GEOLOGICA	AL CHANGE.	ETC. 2).	THE WELL
For: PENNZOII By: Date:	PRODUCT:	S COMPANY		

ORM WW-3(B)	FILE CO	PY R	ECEIV	50	1			1)	Date:J	uly 22	<u> </u>	, 1993
Obverse)		Offi	ce of Oil &	k Gas on	1	A SU	111	2)	Operator's	BALL H	ELRS #2	7.3.
10/91				07	- (291		3)	Well No SIC Code			
		Jl	11-2-0	_93					API Well	NO 47	. 103	1530=1
water and the second se			VM Divisio	n of	}			20	-	Sta	7000	1 7 7
		Envir	onniantal	Protect	tion		lant like	5.	UIC Perm	it No. 🍱	Aug .	09/01/93
E(t)		************							T T_(103-153	- Expose	209/01/95
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1.			OF EN	<u>_</u> '		•••	•	N. OFFICI				ាក់ព្រះកាសាសា ឆ្នាំរី ។ គេពិសាស្សាយ បានប្រ
••			4	\$1.4 P.	. , :					7 III 9	7 m	n i società di La
906												ୁ କଥିଲି ଓ ପ୍ରତିଶ୍ର
79		* ***		. •1					•	ST 1 2 3 5 3	5.46% t	ing and the state of the state
WELL TYP	E: Liquid	injection	X / (Gas ini	ection (not storage)		/ Waste disp	osal	- 15	1-0	1.1
LOCATION	_		1257'				Watersh		y Fork			
	Distric	t:	Green	4	670-		County	Wetz	el		k: <u>Cente</u>	
WELL OPE	RATOR _		zoil Pr		cts C	ompany	37450	9) DESIG	NATED A	GENT	A Cre	
Add	iress 📒		Box 5		105 /		V	34 S	Address _	· - X T	0.\802	
1 650) <u>(</u> 3 3		na, WV		105//	<u> </u>				<u> </u>	ienna. v	VV 26105
10) OIL & GAS	INSPECT Mike Un	OR TO B	BE NOTIFI	ED"	ر بي المجادر ر	Att J. J		III DBILL	ING CON			ಮ 'ು ನಾಸ. ನೀನೆ'
	Rt. #2					711		Name_	MAG COM	· wweich	g. to fdus au	0.7927 J. TON
	Salem,		6426					Addr	ess			
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12) PROPOSEI	WELL W	ORK:	Drill		/ Drill	deeper				Stimulate_		
			•					w formation		rr_ _		
						n well (spec	ify)	<u>Sidetraci</u>		21/01	· • • • • • • • • • • • • • • • • • • •	011
13) GEOLOGIC	CAL TARC	ET FOR	MATION,		ordor	419	3195	1	Depth_	3149.	eet(top) to_31	81 feet(bottom)
14) Estimated d	epth of co	mpleted w	vell, (or act	ual dej 437	oth of e	kisting well).	sait, 140	ft. 64	·			. •.
15) Approximat	le water str	ala depin	1069	1		feet;	SEIT,		eet.			m t ^e
16) Approximate 17) Is coal being					X /							:
18) Virgin reser	voir pressu	re in targe	t formation	12	601	psig. So	urce E	STIMATED				,
19) Estimated re					00			psig (BHFF	?)			
20) MAXIMUN											essure <u>2332</u>	
21) DETAILED	DENTIF	CATION	OF MAT	ERIAL	S TO B	E INJECTE	D, INCL	UDING ADDI	TIVES: F	resh wat	er and/	or produced
						ns.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·	778			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
22) FILTERS (, –		ridge 1									
23) SPECIFICA	ATIONS FO		iodic PR	DIEC	I ION A	NDOINE	CORRO	2104 COV I K	(OL:		***	rger :
24) CASING A	ND TURU	NG PRO	GRAM									
·	1					١.	OOTAGE IN	TTERVALE		EMENT FILLUP	11 -	ACKERS
CASING OR TUBING TYPE		1	Weight	١	۱			1		OR SACKS	1 '	ACRES
Canduda	Size	Grade	per ft.	New	Used	For dr	imel .	Left is wel	' -	(Cubic feet)	Kinds	
Conductor Fresh water	S	EE ORI	GINAL V	ELL	RECO	RD						
Coel		11		11							Sizes	
Intermediate		11		"								
Production	3-1/2		9.2	X				3195'		ement to	Depths set	
Tubing	1-1/2	<u> </u>	2.75	X		ļ		3100'		2600'	_#	
Liners	1				 	 					Perforation	
	1	-	 	 	 	 		 			Тор	Bottom
	1	†	†	1	\vdash	 						
25) APPLICA	NT'S OPE	RATING	RIGHTS w	ere aco	uired fr	om Hele	en Bun	ner etal				
by deed_	/ le	ase X	_/ other co	ontract	/	dated	March	8			19 85	, of record in the
	tzel					office in	Deed		Book	68-A	at page	217

County Clerk's office in See the reverse side of the APPLICANT'S COPY for instructions to the well operator. FORM WW-3(A) Obverse

Office of C. S. C. UIC Schiller
JUL 0 1 93
WV Division of Environmental Protection

1)		June 30, 19	
2)	Operato Well No	r's BALL HEI	RS #2
3)	SIC Cod	le	
4)	API Wel	1 No. 47	- 103 - 1530 <u>s</u>

State County Permit

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION for the

6) SUR		DIVIDION OF OTH	mid Grid, Dar.	ARTMENT OF ENERGY
	FACE OWN	ER(S) OF RECORD TO BE SERVE		COAL OPERATOR N/A
(i)	Name	WV Public Lands Corp.		
		Bldg. #3 Room 643	- 7 (ii) (COAL OWNER(S) WITH DECLARATION ON RECORD:
		1900 Kanawha Blvd., East		lame
(ii)	Name	Charleston, WV 25305	_	Address
,,	Address		_	
		WV D.N.R.	- 7 (iii) (COAL LESSEE WITH DECLARATION ON RECORD:
(111)	Name	ATTN: Gary Foster		lame
(111)		1304 Goose Run Road	_	Address
	Madicoo	Fairmont, WV 26554	-	
-				
TO THE	PERSON(S) NAMED ABOVE: You should	have received	this Form and the following documents:
(3)	The pl The Co to plu reclan	at (surveyor's map) showing nstruction and Reclamation	the well loo Plan on Form he plan for e ss road.	WW-9 (unless the well work is only erosion and sediment control and for
		·		
WHICH A	RE SUMMA	RIZED IN THE "INSTRUCTIONS"	ON THE REVE	VE RIGHTS REGARDING THE APPLICATION RSE SIDE OF THE COPY OF THE APPLICATION OT REQUIRED TO TAKE ANY ACTION AT ALL.
, 1 J. 1. 1			•	
Take no propose Well Wo of Ener depicte Constru ered by	s to fill rk Permigy, with don attention are hand to	t under Chapter 22B of the e or has filed this Notice t with the Director of the respect to a well at the lached Form WW-6. Copies of d Reclamation Plan have bee	West Virginia and Applicate Division of Cocation description this Notice n mailed by a (or by public	Code, the undersigned well operator on and accompanying documents for a coll and Gas, West Virginia Department ribed on the attached Application and the Application, the plat, and the registered or certified mail or delivation in certain circumstances) on or
Take no propose Well Wo of Ener depicte Construered by before	s to fill rk Permingly, with don attention are hand to the day son signing certi	t under Chapter 22B of the e or has filed this Notice t with the Director of the respect to a well at the l ached Form WW-6. Copies of d Reclamation Plan have been the person(s) named above	West Virginia and Applicate Division of (ocation descr this Notice n mailed by a (or by public he Director.	Code, the undersigned well operator on and accompanying documents for a Dil and Gas, West Virginia Department ribed on the attached Application and the Application, the plat, and the registered or certified mail or deliv-

possibility of fine and imprisonment.

			DRILLIN	G PERMIT	
ermit number	47-103-1530-L	.I	-	September 1st.	19 93
				Date	······································
uirements subject to th o. 8) Prior to the cons	ne conditions contained	herein and or ions and pits	n the reverse her for any permitte	idence of permission granted to drill in accordance with the eof. Notification must be given to the District Oil and Gas 1 ed work. In addition, the well operator or his contractor shal nmenced.)	nspector (Refer
he permitted work is a conditions specified belonder	s described in the Notice ow. 9-1-95	and Applica	ition, plat, and (if required) construction and reclamation plan, subject to any	modifications ar
ermit expires	3-1-33		un	ess well work is commenced prior to that date and prosecuted	with due diligenc
Bond: A	gent: Plat:	Casing	Fee		
	14	TY.	المهنواه	• • • • • • • • • • • • • • • • • • • •	
	10)	16/	1010-1	William of the	
				VIC Breetor	
IOTE: Keep one cop	y of this permit posted	at the drilling	g location.	- SHEEF, OFFICE OF ON AND GAS	
			OFFICE	USE ONLY	
This part of Form IV-	3(b) is to record the dat	es of certain		any follow-up inspections.	
		Date			Date(s)
Application received				Follow-up inspection(s)	
Well work started					
Total depth reached					
Well Record received					
Reclamation completes	d				
OTHER INSPECTIO	NS				
Reason:					