

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

Well Operator's Report of Well Work

Farm name:	WVA.	PUBLIC	: LAND	CORP.	C	perator	Well No.:	H.NOLAND	7 N-15
LOCATION:	Eleva	tion:	959.00) Qua	dra	ingle: CI	ENTER POIN	T	
	Distr Latit Longi	ude:	GREEN 7700 700	Feet So Feet We	uth st	of 39	ounty: WET Deg. 30Mi Deg. 40 M	n. Sec.	
VIENTAGENT: JAME Inspector: Insp	O. BOX NNA, W ES A. RANDAL ed: ommenc omplet ging grante Cable	5519 V 261 CREWS MICK ed: _ ed: _ d on:_	05-551 05/12/ 9/10/9 10/10/	.9 ⁄93 3		ETubing Size 8 5/8	Used in Drilling	in Well	Cement Fill Up Cu. Ft.
Total Depth Fresh water			2989 N/A		-	4 1/2	2942.15	2942 . 15	300 Sks.
Salt water o	depths	(ft)	N/A						
Is coal bein Coal Depths	ng min (ft):	ed in	area (Y/N)? N					
OPEN FLOW DA	ATA					•			1
Static Static * Water Injection Second Gas: In Fi Ti Static	nitial inal o ime of rock ection N produ nitial inal o ime of rock	open pen fl open Pressu Well cing f open pen fl open Pressu	flow_ow_flow bre_ow_flow_flow_flow_bre	oetween ps on MC mc petween ps	F/d ini ig F/d ini ig	tial and (surface) Oil: Ir Fi tial and (surface)	nitial open nal open de final temes pressure la pen de final open de final temes pressure	n flow * flow * flow * sts *) after * depth (fter flow * flow * sts *) after * after * ###################################	Bbl/d Hours Hours Bbl/d Bbl/d Bbl/d Hours Hours Hours
NOTE: ON BAC INTERVALS, I LOG WHICH I INCLUDING CO	FRACTU: IS A	RING SYSTEM	OR STI ATIC D	MULATIN ETAILED	G, G	PHYSICA EOLOGICA	G: 1). DE' LL CHANGE, LL RECORD	ETC. 2).	THE WELL
			For:	PENNZO By: Date:	IL/	PRODUCTS	COMPANY 26/93		

TREATMENT:

Perforated:

2878 - 2881 2886 - 2892

2 Holes Per Foot - 18 Holes

Treated:

T.D.

300 Gal. 15% HCL Acid, 279 Bbls. Gelled Water & 1500# 80/100 Sand & 3500# 20/40 Sand

WELL LOG:

Sand & Shale	0 - 490
Sand	490 - 525
Sand & Shale	525 - 1030
Sand	1030 - 1070
Sand & Shale	1070 - 1375
Sand	1375 - 1490
Sand & Shale	1490 - 1800
Sand	1800 - 1830
Shale	1830 - 1975
Little Lime	1975 - 1981
Pencil Cave	1981 - 2005
Big Lime	2005 - 2050
Big Injun	2050 - 2270
Shale	2270 - 2842
Stray	2842 - 2850
Gordon	2850 - 2908

DF -419

2989

	RM W bver) F	TLE	COP
		3-	ME		7	
110	1/91	,	ع ! 10نائات	Gas		
186					1	
71	1PR	ł	J	90		
	···y	٠:٠ ل		٠ ،		



1)	Date:	April	13,	. 19 <u>93</u>
2)	Operator's Well No	HENRY NO	LAND #N-	-15
3)	SIC Code			
4	API Well NO	. 47	103	1546-LI
		State	County	Permit

essued 05/12/93

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION

for the

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

6) WELL TYP	E: Liquid	injection		Gas inj	ection (s	of storage)	<u>-</u>	No. 1 to the second		
7) LOCATION	: Elevat	ion:	959'			Water:		y Fork		28
	Distric		Greer			Count			<u>: Centerpoint</u>	
8) WELL OPE					s Co.			TED AGENT _I.A.		
Add			30x 551				•	dress P.O. Box	<u> 5519</u>	
	~ .	Vienna		2615		<u> </u>	•	Vienna.	WV 26105	
0) OIL & GAS			E NOTIF		1	•				
Name Rai						derwood	II) DRILLING	CONTRACTOR:		
Address _	111 B1				<u>. #2,</u>		Name			
-	Mannin	gton.	WV	Sa	lem,	<u>WV 26426</u>	Address			
	26582		¥	7			•			
2) PROPOSEI	WELL W	ORK:	Drill_X		/ Drill	deeper		/ Stimulate_X		
						n/ Perforale n	ew formation/	Convert/		
			•	-	-	well (specify) Gordon ~		295/	2060 -	
						205	5	Depth <u>2854</u> fee	((10p) to <u>2869</u> feel(bo	ittom)
(4) Estimated d										
15) Approximat				770		feet; salt,	feet.			
16) Approximat					v .					
17) Is coal being							ECETIVA MED			
						_psig. Source				
19) Estimated re					350		psig (BHFP)		********	
						Volume per hour:			sure <u>228920</u> 238	
21) DETAILED	IDENTIF	CATION	OF MAT	ERIAL	S TO BE	INJECTED, INCL	UDING ADDITIV	es: riesn water	ty and improve	<u>:er,</u>
						d/or Coal B			recover	у.
23) SPECIFICA	ATIONS FO	OR CATH	IODIC PR	OTECT	rion an	DOTHER CORR	OSION CONTROL	:		
	\\D	NG PROC								
24) CASING A	MD IOBII	NG PROC	JKAM			-		_		
CASING OR TUBING TYPE	1	SPEC	IFICATIONS Welghi	1	. 1	FOOTAGE I	NTERVALS	CEMENT FILLUP OR SACKS	PACKERS	
1031.10 1112	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
Conductor									Kinds	
Fresh water	8 5/8	L.S.	20	X		211	211	Cement to		
Coal							<u> </u>	Surface	Sizes	
Intermediate				<u> </u>				1		
Production	4 1/2	J-55	10.5	X		2955	2955	Cement over	Depths set	
Tubing								Salt Sand	<u> </u>	
Liners				1					Perforations:	
				1				4	Top Botton	n
				<u> </u>			1			
			<u> </u>	<u> </u>			1	a polymer and place		
25) APPLICAI	NT'S OPE	RATING	RIGHTS w	ere acq	uired fro	m Henry	& Mary Nola	ind		
	/ le			-			December 7,	XX	1894 of record	in the
•	Wetz				Clerk's o		Lease	Book 46	at page 93	

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

FORM	WW-3(A)
Obver	se

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A PR	1	5	93
	•	J	70
w	Div	:	n of
Environm	າວິເພີ	ui F	rultation

information is true, accurate, and complete. I

submitting false information, including the

possibility of fine and imprisonment.

				•
1)	Date	April	13,	1993
	Operator			

2) Well No. HENRY NOLAND #N-15

3) SIC Code

4) API Well No. 47 - 103 - 1546 State County Permit

STATE OF WEST VIRGINIA

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

DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

6) SURI	FACE OWNER(S) OF	RECORD TO BE SERVED	, 7 (i)	COAL	OPERATOR	N/A	
(i)	Name WV Public	Land Corp.					
, _ ,	Address Bldg. 4		7 (ii)	COAL Name	OWNER(S)	WITH DECLAR	RATION ON RECORD
(ii)		ton, WV 25305		Addre	288	1987 - 1984 1987 - 1988	
	Address						
	Dept. N	atural Resources	7 (iii)	COAL	LESSEE W	ITH DECLARAT	TION ON RECORD:
(iii)	Name 1304 Go	ose Run Road	-	Name			
	Address Fairmon			Addre	288		
	ATTN:	Gary Foster					
TO THE I	PERSON(S) NAMED	ABOVE: You should ha	ve receiv	ed thi	is Form a	nd the follo	wing documents:
THE REAS	The plat (surverse to plug a well reclamation for date proposed for SON YOU RECEIVED IN	sets out the parties eyor's map) showing to on and Reclamation Play, which sets out the the site and access or the first injection THESE DOCUMENTS IS THE "INSTRUCTIONS" O	he well loan on Form plan for road. n or wastemate YOU HAT YOU HAT THE REVI	erosi e disp AVE RI	on on Formula on on Formula on Indian Section 2015 (CHTS REGISTER)	m WW-6; and the well wo ediment cont ARDING THE A	rk is only trol and for
(FORM W	7-3(B)) DESIGNATI	ED FOR YOU. HOWEVER,	YOU ARE	NOT RE	EQUIRED T	O TAKE ANY A	CTION AT ALL.
proposes Well Wor of Eners depicted Construct ered by	to file or has k Permit with th y, with respect on attached For tion and Reclama hand to the pers	Chapter 22B of the We filed this Notice and the Director of the Director of the local to a well at the local thickness of the strong Plan have been son(s) named above (one or delivery to the	d Application of ation described the second described by republication of the second described by the second described by the second described des	tion a Oil a cribed the the regis icatio	and accomend Gas, if on the Applica stered or	panying docu West Virgini attached App tion, the pl certified m	ments for a la Department olication and lat, and the mail or deliv-
	on signing this g certification	document shall make	the				
"I	certify under pe	enalty of law that I	have	PE	NNZOLL PE	RODUCTS COMP.	ANY
per inf att	sonally examined ormation submits achments and the	l and am familiar with ed in this document . at, based on my inqui	h the and all ry of	Ву_	Wel	h Operator	Q
		numediately responsib mation, I believe the		Ite	-	P) Roush sor - Survey	ino/Mannino
		, =				July Cy	A 110 P P T 11 P

am aware that there are significant penalties for Telephone (304) 422-6565