

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

Well Operator's Report of Well Work

Farm name: GLOVER, KENNETH ETAL. Operator Well No.: S,McMILLEN J-4

LOCATION:	Elevation:	830.00	Quadi	cangle: Ci	ENTER POINT		
	Latitude:	3050 Fee	t Sout	th of 39	ounty: TYLE Deg. 27Min Deg. 40 Min	. 30 Sec.	
Ρ.	NNZOIL PRODU O. BOX 5519 ENNA, WV 26		Υ -	Casing	Used in		Cement Fill Up
	MES A. CREWS				Drilling	in Well	Cu. Ft.
•	MIKE UNDERW	000		Size		!	То
Permit Issu Well work	ued: Commenced:	03/22/94 06/17/94		8-5/8	220'	220'	surface 50 sks.
Well work (Completed:	09/12/94			<u> </u> 		
Rotary X Total Dept	Cable h (feet) r depths (ft	Rig		4-1/2 	2899.80	2899.80	 300 sks.
Salt water	depths (ft)	N/A		 	 	 	
Is coal be Coal Depth	ing mined in s (ft):	area (Y/N N/A) <u> </u>				
OPEN FLOW	DATA	* Water In	jection	Well			'
Produ Gas:	cing formati Initial open Final open f Time of open	on Gord flow * low * flow betw	don MCF MCF een i	/d Oil: I /d F nitial an	Pay zone nitial open inal open f d final tes	depth (ft flow * low * ts_) 2808-2852 Bbl/d Bbl/d Hours
Secon Gas:	c rock Press d producing Initial open	formation_	MCF	∕d Oil: I	Pay zone nitial open	depth (ft flow	Hours
	Final open f Time of open c rock Press	low flow betw	MCF	/d F	inal open f d final tes	low	Bbl/d
Stati	c rock Press	ure	psi	g (surfac	e pressure)	after	Hours
INTERVALS, LOG WHICH	ACK OF THIS FRACTURING IS A SYSTE COAL ENCOUNT	OR STIMUL MATIC DETA	ATING	, PHYSIC GEOLOGIC	AL CHANGE,	ETC. 2).	THE WELI
		For: PE	NNZOI	L FRODUĆT	S COMPANY		

Date:

TREATMENT

Perforated with 24 holes 2824'-2836'. Treated with 300 gallons 15% HCL acid, 275 barrels gelled water and 7000# of 20/40 sand.

WELL LOG

Sand & Shale	0'-1098'
Sand	1098'-1138'
Sand & Shale	1138'-1720'
Sand	1720'-1740'
Shale	1740'-1931'
Sand	1931'-1944'
Shale	1944'-1960'
Sand & Shale	1960'-2058'
Sand	2058'-2086'
Shale	2086'-2097'
Big Injun	2097'-2216'
Shale	2216'-2575'
Sand	2575'-2588'
Shale	2588'-2599'
Sand	2599'-2604'
Shale	2604'-2792'
Stray	2792'-2808'
Gordon	2808'-2852'
T.D.	2923 '

FORM WW-3(B)	TLE COPY
(Obverse)	

10/91

NUV 0 1 3



1)	Date:	October	28		1993
			MCMILLEN	NO.	J-4
11	SIC Cad	1_			

4 API Well NO.

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יזרי	F		7	F	T.T	O	11	11	n	1	'n	IFCTION OF WAST

5. UIC Permit No. STATE OF WEST VIRGINIA
OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

Ć.	JBING TYPE	Size				1	, or a limit	Left in well	1	
• •	CASING A	ND TUBII		RAM FICATIONS Weight per ft.	New	Used	FOOTAGE	1	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
15) 16) 17) 18) 19) 20) 21) 22) 23)	Approximate Is coal being Virgin reserve Estimated re MAXIMUM DETAILED bacter FILTERS (I	e coal seam g mined in voir pressul servoir fra 1 PROPOS 0 IDENTIF cicides F ANY):	the area? The in target cture press The interpress	Yes, formation sure CTION OF OF MAT other dge fi	No. 1 PERATERIAL Chem	X/ 400 3500 TIONS: LS TO BI nical:	_psig Source Volume per hour: EINJECTED, INCL	Estimated psig (BHFP) 25 .UDING ADDITIV ry to maint: filters	ain water qual	nroduced water, ity and improve oil
13) 14)	Estimated de	epth of co	mpleted w	Other ph MATION, ell, (or act	ysical (———ual der	change i Gordo oth of ex	isting well) 29	00 ft. (T.)		(top) to ²⁸¹⁵ feet(bottom)
12)	Address PROPOSED		Salem,	Box 1 WV 2	6426		deeper	Address	/ Stimulate	
10)	OIL & GAS Name		<u>Mike U</u>	inderwo	od	.	·	11) DRILLING	CONTRACTOR:	
8)	WELL OPE	ress	Pennzo P. O.	McElro il Pro Box 55 . WV	duct		Count	9) DESIGNAT	TED AGENT Jame dress P. 0	Centerpoint s A. Crews Box 5519 na, WV 26105
7)	WELL TYPE	•	•	X 830'	Gas inj	ection (1	not storage) Water	_ : .	Creek	

FORM	WW-	3	(A)
Obver	se		

NUV	()	1	2.3

l) Date October 28, 19	993	. 1	28.	October	Date	L)
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Operator's
2) Well No. SAMAUL MCMILLEN NO. J-4

3) SIC Code

4)	API	Well	No.	47	-	095	-1605
							Permit

STATE OF WEST VIRGINIA

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

		TOI CHE	
	DIVISION OF OIL AND	D GAS, DE	PARTMENT OF ENERGY
6) su	RFACE OWNER(S) OF RECORD TO BE SERVED	7 (i)	COAL OPERATOR N/A Address
(i) Name Kenneth Glover		
, –	Address HC 62, Box 45	7 (ii)	COAL OWNER(S) WITH DECLARATION ON RECORD:
	Jacksonburg, WV 26377	, , _ ,	Name
(ii) Name John Jones & JoAnn & Kevin Lela	nd	Address
	Address 720 James Street		
	New Martinsville, WV 26155	7 (iii)	COAL LESSEE WITH DECLARATION ON RECORD:
(iii) Name		Name
	Address		Address
TO THE	PERSON(S) NAMED ABOVE: You should have	e receive	ed this Form and the following documents:
(1 (2 (3	WW-3(B), which sets out the partiesThe plat (surveyor's map) showing thThe Construction and Reclamation Plan	involved e well lo n on Form plan for	ocation on Form WW-6; and
Th	e date proposed for the first injection	or waste	e disposal is, 19
WHICH .	ASON YOU RECEIVED THESE DOCUMENTS IS TH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON WW-3(B)) DESIGNATED FOR YOU. HOWEVER,	THE REVI	ERSE SIDE OF THE COPY OF THE APPLICATION
propose Well We of Ene depicte Constr	otice that under Chapter 22B of the Wester to file or has filed this Notice and ork Permit with the Director of the Diving, with respect to a well at the located on attached Form WW-6. Copies of the uction and Reclamation Plan have been my hand to the person(s) named above (or the day of mailing or delivery to the	Applicated is Applicated in Application description description in Application description in Application description descript	tion and accompanying documents for a Oil and Gas, West Virginia Department cribed on the attached Application and e, the Application, the plat, and the registered or certified mail or deliv- ication in certain circumstances) on or
efore		Director.	•
The pe	rson signing this document shall make ting certification:		•
The perform		he	Pennzoil Products Company

possibility of fine and imprisonment.