

WR-3 RECT Offi MAR WV Division of Nylronmental Protection

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

Well Operator's Report of Well Work

Farm name: HAYNES, PAUL M. S.P. Operator Well No.: LEMASTERS J-10

LOCATION:

Quadrangle: CENTER POINT

District: MCELROY

Elevation: 911.00

County: TYLER

Latitude:

13200 Feet South of 39

Sec.

13200 Feet South of 39 Deg. 30Min. 0 4650 Feet West of 80 Deg. 40 Min. 0 Longitude

Company: PENNZOIL PRODUCTS COMPANY

P. O. BOX 5519

VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: MIKE UNDERWOOD Permit Issued:

11/02/92 Well work Commenced: Well work Completed: 12/9/92 12/31/92

Verbal Plugging

Permission granted on:

Rotary X Cable Total Depth (feet) Rig 2985 Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N Coal Depths (ft):_ N/A

	_		
Casing	Used in	Left	Cement
Tubing	Drilling	 in Well	Fill Up Cu. Ft.
Size	 .	 	
	 	} }	
	 	 I	
8 5/8	220.75	220.75	To Surface
4 1/2	20// 10		
	2944.10	2944.10 	300 Sks.
	·		

OPEN FLOW DATA

(Water Injection Well)

Time of open flow between	F/d Oil: Initial open flow Bbl/d
Time of open flow between i	Pay zone depth (ft) F/d Oil: Initial open flow Bbl/d F/d Final open flow Bbl/d Character Hours G (surface pressure) after Bbl/d Hours

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. NOTE: ON BACK OF GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

Reviewed	M6_
Recorded	

For: PENNZOIL PRODUCTS COMPANY

Timothy P. Roush

Supervisor - Surveying/Mapping

Date: 3-3-93

TREATMENT

PERFORATED:

Gordon w/10 Holes 2914' - 2924'
Treated w/300 Gal. Reg. H.F. Acid, 260 Bbls. Gelled Water & 1500# 80/100 & 3500# 20/40 Sand

WELL LOG

(Measured Depths Directionally Drilled)

Sand &	Shale	0	-	800
Sand		800	_	830
Sand &	Shale	830	_	1185
Sand		1185	_	1220
Sand &	Shale	1220	_	1370
Sand		1370	_	1415
Shale		1415	_	1430
Sand		1430	_	1480
Sand &	Shale	1480	-	1580
Sand		1580	_	1650
Sand &	Shale	1650		1780
Sand		1780	_	1845
Shale		1845		1880
Sand		1880	_	1920
Sand &	Shale	1920	-	2050
Sand		2050	_	2295
Shale		2295	_	2900
Gordon		2900	_	2950
T.D.		2985		

0P _ 4N

Permitting



1) Date: Oct	ober 14	٠,	, 19_92
2) Operator's S.F. Well No.	. LEMAS	TERS J-	-10
3) SIC Code			
4 API Well NO.	47 .	. 095	1509-
	State	County	Permit
5 UIC Permit No.			

Issued 11/02/92 STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION

for the

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

(102.192

1102.194

/1			id injectio	911'	Gas is	njection ((not storage)	-			
,	LOCATION			McElro	-		(I . 🖰 🕿	hed: <u>Leftha</u>			28
٥,	WELLODE	Dist					(2000) County 37450		-	: <u>Centerp</u>	oint
8)				0x 5519		LS CO.	<u>. 374</u> 30		TED AGENT		
	Ad		Vienna		2610	5		Ade	dress P.O. Box		
10)	OIL & GAS	_							Vienna,	WV 26105	
10)	Name Mi				IED						
	Address	η .		Box 13	25				CONTRACTOR:		
	Address -		n. WV	26426				Name			
	-	<u> </u>	<u>., .,</u>	20420	4	DIREC	CTIONAL WELL	Address _			
12)	PROPOSEI) WELL	WORK:	Drill	X	/ Dril		Redrill	/ Stimulate >	7 ,	
,			·· ORK				on_/ Perforate ne				
				Other of	hveical	change i	n well (specify)	w rormation/	Convert/		
13)	GEOLOGIC	AL TAR	GET FOR	MATION	,	Gordo	on (speed)	-	Depth 2796 fee	t(top) to 281	1
	Estimated d							TVD ft.	TVD	TVD	
15)	Approximat						feet; salt,		112	IVD	
16)	Approximat		-		72			1661.			
17)	Is coal being				/ No	<u>X</u> /	· · · · · · · · · · · · · · · · · · ·				
(8)	Virgin reserv	•				400	psig. Source	ESTIMATED			
19)	Estimated re	-	•			3500		psig (BHFP)			
20)					PERA	TIONS:	Volume per hour:		Bottom hole press	e 247	n
,							E INJECTED, INCLU				
,	bacteri	cides	and c	ther c	hemi	cals	as necessary	to maintai	n water quali	ty and im	prove of
22)	FIL TERS (I	FANY)	Carti	ridge F	ilte	ers ar	d/or Coal Be	d Filters	. water quarr		recovery
23)		, -					ND OTHER CORROS				recovery
ĺ							O TILK CORKO	SION CONTROL.			
24)	CASING A	ND TUBI	NG PRO	GRAM							
CA	SING OR	ı	SPEC	IFICATIONS			POOTAGE IN	TTRULE !		ıl .	
	BING TYPE	6 1	1	Weight	1				CEMENT FILLUP OR SACKS	PACKE	TRS .
		Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
	uctor	8 5/8	+ -		 		2001	2001		Kinds	
Coal	water	0 3/6	L.S.	20	X	 	200'	200 '	Cement to		·
	mediate			 	-	1			Surface	Sizes	
	uction	4 1/2	J-55	10.5	х		3000'M.D.	20001W D	C		
Tuber		7 1/2	3-55	10.5	^	 	3000 M.D.	3000 M.D	Cement over	Depths set	
1 4011					-	-		•	Salt Sand	 	
	,		 		 					Perforations:	
Liner		 	 	 	 	 				Тор	Bottom
Liner		I			1		1		1	11	
Liner			 	<u> </u>						 	
	ADDITOAN	TISORY	DATING:	NGUZS			Strington	Init #1 D			
				RIGHTS w	-		m Stringtown	n Unit #1 Ro	oyalty Owners		f record in the

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

File

PORH	(Y) C-#M
Obvei	se.

1) Date October 14, 1992
Operator's

2) Well No. S.P. LEMASTERS J-10

3) SIC Code

4) API Well No. 47 - 095 - 1509-State County Permit

STATE OF WEST VIRGINIA

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

	ior the			
DIVISION OF OIL AN	ND GAS, DEI	PARTHENT OF EN	ergy	
6) SURFACE OWNER(S) OF RECORD TO BE SERVED		COAL OPERATOR_		
(i) Name Paul M. Haynes Address 1521 Hamill Avenue Clarksburg, WV 26301	7 (ii)			TION ON RECORD:
(ii) Name Address		Address		
(iii) Name_ ·				
Address		Address		
TO THE PERSON(S) NAMED ABOVE: You should have	ve receive	d this Form an	o the Tollows	ng documents:
WW-3(B), which sets out the parties (2) The plat (surveyor's map) showing to (3) The Construction and Reclamation Plate to plug a well), which sets out the reclamation for the site and access. The date proposed for the first injection	the well lo an on Form plan for road.	cation on Form WP-9 (unless erosion and se	WW-6; and the well work diment contro	is only land for
HE REASON YOU RECEIVED THESE DOCUMENTS IS TO WHICE ARE SUMMARIZED IN THE "INSTRUCTIONS" OF FORM WP-3(B)) DESIGNATED FOR YOU. HOWEVER,	AH UOU HA EVER EVE	VE RIGETS REGARSE SIDE OF TE	RDING THE APP E COPY OF THE	LICATION APPLICATION
Take notice that under Chapter 22B of the Westroposes to file or has filed this Notice and Well Work Permit with the Director of the Direct Theory, with respect to a well at the local depicted on attached Form WW-6. Copies of the Construction and Reclamation Plan have been a tred by hand to the person(s) named above (or before the day of mailing or delivery, to the	d Applicat vision of ation desc his Notice mailed by or by publi	ion and accompoil and Gas, Wribed on the a, The Applicating tered or cation in cert	anying docume est Virginia ttached Appli ion, the plat certified mai	nts for a Department cation and , and the l or delive
The person signing this document shall make to collowing certification:	The .			• *
"I certify under penalty of law that I he personally examined and am familiar with	h the		oducts Compan	у
information submitted in this document a strachments and that, based on my inquitinose individuals immediately responsible	ry 01 le for =	by final	P. Roush	
obtaining the information, I believe the information is true, accurate, and compare that there are significant pendicular	iete. I		isor - Survey 304) 422-6565	
submitting false information, including possibility of fine and imprisonment.				