

Environmental Protection

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

Well Operator's Report of Well Work

Farm name: FENNITHING COMPANY Operator Well No.: C. McCOY K-7

LOCATION: Elevation: 900.00 Quadrangle: CENTER POINT

> District: MCELROY County: TYLER

Latitude: 650 Feet South of 39 Feet West of 80 Deg. 27 Min. 30 Sec. Longitude 3400 Deg. 40 Min. 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY P. O. BOX 5519 Casing | Used in | Left |Cement | VIENNA, WV 26105-5519 |Fill Up| Tubing | Drilling | in Well|Cu. Ft.| Agent: JAMES A. CREWS Size Inspector: MIKE UNDERWOOD Permit Issued: 07/31/92 Well work Commenced: 01/15/93 Well work Completed: 02/16/93 Verbal Plugging 100 sks. 8-5/8" 221.20' 221.20' Permission granted on: Rotary X Cable
Total Depth (feet) 2930'
Fresh water depths (ft) 4-1/2" 2902.801 2902.80 300 sks. N/A Salt water depths (ft) Is coal being mined in area (Y/N)? N

OPEN FLOW DATA (Water Injection Well)

Coal Depths (ft):

Producing formation Gordon Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d Final open flow MCF/d Final open flow Time of open flow between initial and final tests Bbl/d Hours Static rock Pressure psig (surface pressure) after Second producing formation_ Pay zone depth (ft)

MCF/d Oil: Initial open flow Gas: Initial open flow_ MCF/d Final open flow_ Final open flow Time of open flow between initial and final tests Bbl/d Hours Static rock Pressure ____psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE 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: PENNZOIL PRODUCTS COMPANY

By: Timothy P. Roush, Supervisor - Surveying/Mapping

Date: September 14, 1993

Treatment:

Perforated : w/4 holes 2797' - 2804' w/8 holes 2812' - 2816'

Treated:

w/300 gal. reg. HF acid, 261 bbls. gelled water, 1500# 80/100 sand and $3500\#\ 20/40$ sand

Well Log

Sand & Shale	0	_	292
Shale	292	_	480
Sand	480	_	536
Limestone	536	_	597
Shale	597	_	641
Sand & Shale	641		
Sand			835
Sand & Shale			1184
Shale	1184	_	1270
Sand	1270		
Sand & Shale	1432		
Sand	1544		
Shale	1594		
Sand	1625		
Sand & Shale	1662	_	1775
Shale	1775		
Little Lime	1952	_	1967
Shale	1967	_	1995
Big Lime	1995	_	2062
Big Injun	2062	_	2224
Shale	2224		
Gordon	2774		
T.D.	2930		

DF 411 DFC-419

25) APPLICANT'S OPERATING RIGHTS were acquired from C. & Z. McCoy

by deed / lease X / other contract / dated March 18,

Tyler County Clerk's office in Lease B

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

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FORM	WW-3(A)	
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\	WV Di	visio	n of Protes	tion

1) Date December 23, 1992

Operator's

2) Well No._ CHRISTINA MCCOY

3) SIC Code 4)

API Well No. 47 095 -1516 State County Permit

WV Division ATE OF WEST VIRGINIA

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

	DIVISION OF OIL AN	ND GAS, DI	EPARTMENT OF ENERGY	
	FACE OWNER(S) OF RECORD TO BE SERVED	7 (i)) COAL OPERATOR N/A Address	
(i)	Name Pennzoil Products Company			***************************************
	Address P.O. Box 5519	7 (ii)) COAL OWNER(S) WITH DECLARATION ON	RECORI
(44)	Vienna, WV 26105		Name	
(11)			Address	
	Address	- ()		
(444)	Name	/ (111)) COAL LESSEE WITH DECLARATION ON RE	ECORD:
(111)			Name	
	Address		Address	
TO THE I	PERSON(S) NAMED ABOVE: You should ha	ve receiv	ved this Form and the following docu	mente.
THE REAS WHICH AR (FORM WW	The Construction and Reclamation Pl. to plug a well), which sets out the reclamation for the site and access date proposed for the first injection CON YOU RECEIVED THESE DOCUMENTS IS THE SUMMARIZED IN THE "INSTRUCTIONS" OF WORLD FOR YOU. HOWEVER,	involved he well 1 an on For plan for road. n or wast HAT YOU H. N THE REV	in the drilling or other work, and location on Form WW-6; and rm WW-9 (unless the well work is only erosion and sediment control and it disposal is	ly for
well Wor of Energ depicted Construc ered by	cice that under Chapter 22B of the West to file or has filed this Notice and the Permit with the Director of the Director, with respect to a well at the local on attached Form WW-6. Copies of the tion and Reclamation Plan have been a hand to the person(s) named above (other day of mailing or delivery to the	d Applica vision of ation desc his Notice mailed by r by publ	ation and accompanying documents for foil and Gas, West Virginia Department of the Companying documents for scribed on the attached Application the Application, the plat, and to registered or certified mail or delication in certain circumstances)	ra ment and the
The pers	on signing this document shall make a g certification:	the		
	certify under penalty of law that T i	h assa	Pennadi Produces a	

personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for Telephone (304) 422-6565 submitting false information, including the possibility of fine and imprisonment.

Company

Timothy Roush

Its Supervisor - Surveying/Mapping

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					•		
Permit number <u>47-0</u>	95-1516-LI			<u> </u>	January 8	th.	19
This permit covering the well quirements subject to the cond No. 8) Prior to the construction district oil and gas inspector 2	ditions contained herein on of roads, locations a	and on the revers	e hereof. Notification mitted work. In add	on must be give	n to the District Oil at	nd Gas Inspector	/Paf
The permitted work is as descr conditions specified below.				struction and re	eclamation plan, subje	ct to any modific	cations
Permit expires1	L-08-95		_unless well work is	commenced pr	ior to that date and pro	osecuted with due	e dilig
Read: A	Plan Con		7				
Bond: Agent:	Plat: Cas	ing Fee		Table 1	- 6		
	1/01/25	<u> </u>	J'//	15/12			
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OTHER INSPECTIONS

Reason:

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