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Division of Energy

24-Apr-90 API # 47- 17-03811

JUL 3 0 90

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Permitting Oil and Gas Section Well Operator's Report of Well Work

Farm name: CHILLEO, PAUL C.

Operator Well No.: SILAS ASH #18

LOCATION:

Elevation: 1135.00

Quadrangle: SMITHBURG

District: GRANT

County: DODDRIDGE

Latitude: 2450 Feet South of 39 Deg. 42Min. 30 Sec. Longitude 9500 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: PENNZOIL PRODUCTS COMPANY

P. O. BOX 5519

VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: MIKE UNDERWOOD

Permit Issued: 04/24/90 Well work Commenced: __06/05/90 Well work Completed: _06/12/90

Verbal Plugging

Permission granted on:

Rotary X Cable R
Total Depth (feet) 5453 Fresh water depths (ft) N/A

Salt water depths (ft)

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

Casing	Used in	Left	Cement
Tubing	Drilling	in Well	Fill Up Cu. Ft.
Size			
8-5/8"	1380'	1380	to surface
_4-1/2"	5401'	5401 '	250 sks.
			-
		. _ '	'

OPEN FLOW DATA

Produc	ing formation	Benson	Pay zone depth	/ £4 \ 5100
Gas:]	nitial open flow	MCF/d O	il. Initial oner flow	(10) 3190
F	final open flow	MCE/d	Tr. Inicial oben 110M	Bbl/d
ŋ	ime of open flow	ncr/a	final open flow	0 Bbl/d
C+ > + i a	Time of open flow	between initi	Pay zone depth il: Initial open flow Final open flow al and final tests	Hours
Static	rock Pressure	<u>1500 </u>	urface pressure) after	118 Hours
Second	producing format	ion	Dan	
Gas: T	nitial open flow	<u> </u>	Pay zone depth	(ft)
	linal open flow	MCF/d U	il: Initial open flow	Bbl/d
	inal open flow	W(, K, \Q	Pinal anam £1	Bbl/d
	THE OF OBEN ITOM	between initia	al and final tests	Hours
Static	rock Pressure	psia (si	urface pressure) after	
			arrace pressure, after	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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

> Cunto a-For: PENNZOIL PRODUCTS COMPANY

> > Curtis A. Lucas, Adv. Engineering Tech. Date: <u>July 26, 1990</u>

Perforate: 5192-5200' - 16 holes

Fracture: w/500 gal. HCl, 700 Bbls. gelled H₂0, 10,000# 80/100 sand, 25,000# 20/40 sand

0 1 4 5 5	
Sand & Shale	0 - 1418
Shale	1418 - 1653
Sand	1653 - 1692
Shale	
Sand	1692 - 1724
Shale	1724 - 1744
Sand	1744 - 1854
Shale	1854 - 1896
Sand	1896 - 1932
Shale	1932 – 1974
Sand	1974 - 1990
	1990 - 2020
Big Lime	2020 - 2197
Big Injun	2197 - 2326
Shale	2326 - 2456
Weir	2456 - 2547
Shale	2547 - 2659
Berea	
Shale	2659 - 2681
Gordon	2681 - 2800
Shale	2880 - 2919
Benson	2919 - 5190
Shale	5190 – 5200
	5200 - 5453
Total Depth	5453

Page	T OI4	THE WALL OF 1220 MENT) Date: April 4, 1990
Form	WW2-A	2) Operator's well number
(09/8	7)	EDVISION OF OIL & GAS	SILAS ASH NO. 18
File	Copy	"DEPARTMENT OF LINERGY" 3	Operator's well number SILAS ASH NO. 18 API Well No: 47 - 017 - 3811
• .	•		State - County - Permit
	•	STATE OF W	EST VIRGINIA
		DEPARTMENT OF ENERGY,	DIVISION OF OIL AND GAS
		NOTICE AND APPLICATION	N FOR A WELL WORK PERMIT
4)	Surface O	wner(s) to be served:	5) (a) Coal Operator:
	(a) Name	Paul C. Chilleo	-, (-,p
	Address	605 Warwick Road	_ Name
		Fairless Hills, PA 19030	Address
	(b) Namo	Tairiess Hirs, FA 19030	
	(D) Name		(b) Coal Owner(s) with Declaration
	Address _		Name
	/ - \ 37-	·	Address
	(c) Name		
	Address _		Name
			Address
6)	Inspector	Mike Underwood	(c) Coal Lessee with Declaration
	Address _	Rt. 2, Box 135 Salem, W. Va. 26426	Name
		Salem, W. Va. 26426	Address
	Telephone	(304) - 782-1043	
		TO THE PERSON(S) NAMED	ABOVE TAKE NOTICE THAT:
	Included	is the lease or leases	or other continuing contract or
contr	acts by w	hich I hold the right	to extract oil and gas <u>OR</u>
X	Included	is the information requ	uired by Chapter 22B, Article 1,
Secti	on 8(d) o	f the Code of West Vire	ginia (soo page 2)
	I certify	that as required under	r Chapter 22B of the <u>West Virginia Cod</u> e
I has	e served	conice of this metics	chapter 228 of the west virginia Code
2000	e served	copies of this hotice a	and application, a location plat, and
accon	rhanllid a	ocuments pages I through	gh 4 on the above named parties, by:
		onal Service (Affidavi	
	A_Cert	ified Mail (Postmarked	postal receipt attached)
	Publ	ication (Notice of Pub	lication attached)
	I have re	ad and understand Chapt	ter 22B and 38 CSR 11-18, and I agree
to th	e terms a	nd conditions of any pe	ermit issued under this application.
	I certify	under penalty of law (that I have personally examined and am
famil	iar with	the information submitt	ted on this application form and all
attac	hments, a	nd that based on my ind	quiry of those individuals immediately
respo	nsible fo	r obtaining the informa	ation, I believe that the information
is tr	ue, accur	ate, and complete.	,
			ficant penalties for submitting false
infor	mation, i	ncluding the possibile	ty of fine and imprisonment.
	_	Well Operator	or Pengoil Products Company
-		By: Fin	
			Timothy P. Roush visor, Surveying/Mapping
			0. Box 5519
			enna, W. Va. 26105-5519
C., b		Telephone	
Subsc	ribed and	sworn before me this	4th day of April , 19 90
P	11		
مرتبط ب	unu C	1 Tolor	Notary Public
My co	mmission	expires _ July 2 199	10

FORM WW-2B

STATE OF WEST VIRGINIA EXPLOSE 3 OF 4

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

WELL WORK PERMIT APPLICATION

	÷		WELL WO	ORK PERMIT	APPLICATIO	<u>N</u>	
1)	Well Ope	erator:_		672		0 (3)	610
2)	Operato	r's Well	Number:	SILAS ASH	NO. 18	3) El	evation:1135'
4)				or Gas			
		(b)	If Gas:	Production Deep	n <u>X</u> / Underg	round Storag Shallo	ge/ ow <u>X</u> _/
5)	Proposed	d Target	Formation	n(s):Ben	nson 435		
6)	Proposed	d Total D	epth:	5400	feet		
7)	Approxi	mate fres	h water s	trata dept	hs: N/A	CA75. C1	95'
8)	Approxim	mate salt	water de	pths: 1452	1408		
9)				ths: 832-			
10)	Does lar	nd contai	n coal se	ams tribut	ary to acti	ive mine? Y	es/ No_X_/
11)			rk: Drill		1		
12)						Stimulate	- New Well
m.,,, ,,					NG PROGRAM		
TYPE		S	<u>PECIFICAT</u>	IONS	FOOTAGE IN	ITERVALS	CEMENT
		1					1
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up
Condu	ıctor	Size	Grade	Weight per ft.		Left in well	Fill-up (cu. ft.)
	ictor n Water	Size 8-5/8"	Grade H-40				(cu. ft.) 39CS/18-1/.3 To surface
Fresh				per ft.	drilling	well	38CS/18/1/.3
Fresh Coal				per ft.	drilling	well	(cu. ft.) 39CS/18-1/.3 To surface
Fresh Coal Inter	n Water			per ft.	drilling	well	(cu. ft.) 39CS/18-1/.3 To surface
Fresh Coal Inter Produ	mediate	8–5/8"	H-40	per ft.	drilling 1375'	well 1375'	(cu. ft.) 38CS1811.3 To surface -38CS1811.20
Fresh Coal Inter Produ	water mediate	8–5/8"	H-40	per ft.	drilling 1375'	well 1375'	(cu. ft.) 38CS1811.3 To surface -38CS1811.20
Fresh Coal Inter Produ Tubin Liner	mediate action s	8-5/8" 4-1/2"	H-40	per ft.	drilling 1375'	well 1375'	(cu. ft.) 38CS1811.3 To surface -38CS1811.20
Fresh Coal Inter Produ Tubin Liner	mediate action ag as	8-5/8" 4-1/2"	H-40	per ft.	drilling 1375'	well 1375'	(cu. ft.) 38CS1811.3 To surface -38CS1811.20
Fresh Coal Inter Produ Tubin Liner	mediate action ag as	8-5/8" 4-1/2" dd	H-40 K-55	20 11.6	1375' 5400'	well 1375'	(cu. ft.) 38CS/8/1.3 To surface 38CS/8/1.2

1=1 WW-9 1=1 WW-2B 1=+ Bond Surety