



IV-35 (Rev 8-81)

RECIEIVE

State of West Wirginia

Pepariment of Mines Bil und Gas Pivision

Date	February	24,	1984
Operator Well No.	°S C-76		
Facm		**************************************	
ADT NO	47 - 059	comp	1077

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

FIL TYPE: (Oil/ Ga (If "Gas," P	roduction X	id Injection _/ Undergrou	/ Wast nd Storag	e Disposal e/ Deep	/ / Sha	llow <u>x</u> /)
CATION E	levation:	1640' G- V	Vatershed	Laurel F	ork		
D D	istrict.	Hardee (County	Mingo	Quadrangle	Myrtle_	
<i></i>					-		
OMPANY Se	neca-Upshur	Petroleum Co	ompany				
	O. Box 2048,			Casing	Used in	Left	Cement fill up
DESIGNATED A	AGENT <u>Jose</u>	ph G. Hager		Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.	O. Box 2048,	Buckhannon	<u>, wv 2620</u> 1	Size			
SURFACE OWNE	R Georgia-P	acific		20-16 Cond.	20	20	10
ADDRESS 13	33 Teachtree	St., N.E.,	Atlanta, GA	13-10"	1046	1046	450
MINERAL RIG	HIS OWNER	Cotiga Dev	elopment Co.	9 5/8			
ADDRESS Pa	nd Floor Rear soli Pennsyl	, 14 E. Lan vania 1930	caster Ave.	8 5/8	2546	2546	420
	INSPECTOR F			7			
<u>.</u>			Brenton, WV	5 1/2			
PERMIT ISSU	ED October 1	.3, 1983		4 1/2		4983	185
DRILLING CO	MMENCED 12/1	1/83		3			
DRILLING CO	MPLETED 12/9	0/83 🗸		2			
CONTINUOUS	LE: PLUGGIN PROGRESSION VERBAL PERM	FROM DRILLI	ING OR	Liners used			
GEOLOGICAL.	TARGET FORM	MOIT	Marcellus		Der	oth5	200 feet
Depth	of completed	well 5071	feet	Rotary X	/ Cab1	le Tools_	
	strata depth		_	Salt_17			
_Coal s	eam depths:	75',123',22' 97'	5',274',860',	_ Is coal	being mir	ned in th	e area? <u>No</u>
OPEN FLOW D	ATA						
	cing formation	~~ ~	nian Shale		ay zone de		490 feet
Gas:	Initial oper	n flow Trac	e Mcf/d	Oil: Ir	nitial oper		
	Final open	flow <u>(880</u>	Mcf/d		inal open		
			between ini				
Statio	c rock press	ure 590	_psig(surfa	ce measure	ement) aft	er_24_hc	ours shut in
(If a	pplicable du	e to multip	le completio	72)			
Secon	d producing	formation_		P	ay zone de	pth	feet
Gas:	Initial ope	n flow	Mcf/d	Oil: I	nitial ope	n flow	Bbl/d
	Final open	flow	Mcf/d	Oil: F	inal open		Bbl/d
	Time o	of open flow	v between ini	tial and	final test	sl	ponta (5 %
c			nsialsurfac	e measure	ment) afte		

FORM IV-35 (PEVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

DATE:

2/9/84

WATER:

856 BBLS.

SAND:

210,000#

PERFS:

JANAGA.

GLASTO.

Junes Heart

predomané

3406 the poor myster 3 458 860

I hat of Build

4902

2056

30 .49 Perfs

NITROGEN:

21,180 CCF

WELL LOG

TO BE TO BE AND SHOWER

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and ga
	0	41	Mossined Flori Wh
Surface	41	75	A separate to the separate to
Sand	75	81	
Coal	81	123	
Sand	123	129	
Coal	129	225	
Sand & Shale	225	229	
Coal	229	274	
Sand & Shale	274	278	
Coal	278	860	
Sand & Shale	860	864	
Coal	864	942	
Shale		958	
Mine	942	936	
Sand & Shale	958		• · · · · · · · · · · · · · · · · · · ·
Coal	997	1005	
Shale	1005	1134	· ·
Sand	1134	1154	
Shale	1154	1212	
Sand & Shale	1212	2170	
Red Rock	2170	2189	
Sand & Shale	2189	2504	
Little Lime	2504	2516	
Big Lime	2516	2794	
Big Injun	2794	2822	
Sand & Shale	2822	2957	
Weir	2957	3014	
Sand & Shale	3014	3370	
Sudburry Shale	3370	3410	
Berea	3410	3490	
Gray Shale	3490	4320	
Brown Shale	4320	4900	
Marcellus	4900	5071	T.D.
		· · · · · · · · · · · · · · · · · · ·	9
no-ray log! thickers			SECTION AND ADDRESS OF THE PROPERTY OF THE PRO
in the same			
219 Libre 2596 224			
March 12 900 0			
	1	&	. .
2 2 6 2 2			
3370 36	lattach co	narate sheets	s as necessary)

Seneca-Upshur Petroleum Company

Well Operator

Date February 24, 1984

Note:

278

178

156

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including



1)	Date:	September	1	19 83
2)	Operator's Well No.	0-76		
3)	API Well No.	<u>47</u> – 059	} _	1077

County

Permit

State

STA	ATE	OF WES	ST V	irgip	IIA	
DEPARTMENT	OF :	mines,	OIL	AND	GAS	DIVISION

APPLICATION FOR A WELL WORK PERMIT

				-				-	
4) WELLTY									
									_/ Shallow <u>X</u> /)
5) LOCATIO	N: Ele	vation: _	164				Laurel For		
	Dis	strict:						Quadrangle:	
9) WELL OP					<u>r Pet</u>	roleum, Inc.	7) DESIGNATE	DAGENTJOS	eph G. Hager
Address	-		x 2048			draw <u>and the state of the state</u>	Address	P.O. Box	COUNTY OF THE CO
	B	ıckhanı	W., aon	est_	Virgi	nia 26201			<u>on, West Virginia</u>
B) OIL & GA				FIED		•	D) DRILLING C	ONTRACTOR:	
Name						many transfer and	Name		Drilling Company
Address			x 157				Address	P.OBox	
	B1	renton	, West	Vir	ginia	<u>2481</u> 8		Buckhann	<u>on, West Virginia</u>
) PROPOSE	D WELL	WORK:	Drill	<u>X</u>	_/ Drill	deeper	/ Redrill	/ Stimulate	TOTAL STATE OF THE
			Plug of	f old f	formatio	n/ Perfora	te new formation	/	W DELV
			Other p	hysical		n well (specify)			
) GEOLOGI	ICAL TAR	GET FOR	MATION,			<u>rcellus</u>			ill
12) Estima	ated depth	of complet	ed well,						SEP 6 - 1983
13) Appro	ximate trat	a depths:	Fresh, _				975	feet.	
14) Appro	ximate coa	l seam dep	ths:		32	OIs coa	l being mined in th	e area? Yes	Oil & GAS DIVIS
) CASING	AND TUBI	NG PRO	GRAM						
Casing or		SPEC	TIFICATIONS	5		FOOTAGE IN	TERVALS		PEPTOKERF MII
Tubing Type	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
onductor	16"				X	20	20	To Surface	Kinds
esh water	11 3/	99				600	600	To Surface	By Rule 15-03
oa!						, , , , , , , , , , , , , , , , , , ,		170 2000	Sizes
termediate	8 5/8		23,00	X		2515	2515	To Surface	
oduction	4 1/2	1	23.00				5200	As Required	Depths set
ibing	1						. '	by Rule 15.	41
nem									Perforations:
									Top Bottom
7.5	No. of the								
Analysis of the second							-		M
•									
						OFFICE USE C	NLY		
						DRILLING PE	RMIT		
		47-0	059-107	77				Ootoboo	13. ¹⁹ 83
rmit number_		47-(<u> </u>			•	-	October Dat	
irements subj	ect to the c	onditions (contained l	herein a	and on th	ne reverse hereoi. No	tification must be	ed to drill in accordan	ice with the pertinent legal re- l and Gas Inspector, (Refer to stractor shall notify the proper
						work has commenced		operator or mo con	mario, shall notify the proper
ne permitted w verse hereof.	ork is as d	escribed in					tion plan, subject	to any modifications a	nd conditions specified on the
rmit expires			Octobe	er 13	3, 198	unless well	work is commence	d prior to that date and	prosecuted with due diligence.
Bond:	Agen	t: 2/	Plate	Casir		Fee 120			
06	MH		0		- 6	136		-////	
						v -		1HA	<
				•			Adn	ninistrator, Office of C	il and Gas
OTE: Keep o	one copy of	this perm	it posted a	it the d	rilling lo	cation.			±~+==
									File

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