



(Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES



State of Mest Airginia Pepartment of Mines Gil and Gas Pivision

Date	Decem	ber 2,	1983
Operato	or's C-25		
METT IM	J		
Farm_			
API No.	47 _	059	_ 1072

WELL OPERATOR'S REPORT

OF

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WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Underground	/Wast ind Storag	e Disposa e/ Dee	l/ p/ Sha	ullow_X_/)
LOCATION: Elevation: 1640' Watershed .	Riffe Br	anch		
District: Hardee County Ming			= Mvrtle	
COMPANY Seneca-Upshur Petroleum Company				
ADDRESS P.O. Box 2048, Buckhannon, WV 26201	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Joseph G. Hager	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Box 2048, Buckhannon, WV 26201	Size			
SURFACE OWNER Georgia-Pacific	20-16 Cond.	20	20	10
ADDRESS 133 Teachtree St., N.E., Atlanta, GA	13-10"	1025	1025	500
MINERAL RIGHTS OWNER Cotiga Development Company	9 5/8			
ADDRESS Paoli, Pennsylvania 19301	8 5/8	2532	2532	420
OIL AND GAS INSPECTOR FOR THIS WORK Arthur	7	-332	2002	720
St. Clair ADDRESS p.O. Box 157, Brenton, WV	5 1/2			
PERMIT ISSUED 10/13/83	4 1/2		4069	1 72
DRILLING COMMENCED 10/26/83	3		4968	175
DRILLING COMPLETED 11/7/83	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON	wai			
GEOLOGICAL TARGET FORMATION Marcellus		Dept	h 5000	feet
Depth of completed well 5023 feet R	otary_X_	/ Cable	Tools_	
Water strata depth: Fresh 170 feet;	Salt	feet		
Coal seam depths: 141',229',336',357',1000'	Is coal	being mine	ed in the	area? No
OPEN FLOW DATA				
Producing formation Devonian Shale	Pay	zone dept	h 3482	' feet
Gas: Initial open flow Trace Mcf/d	Oil: Ini	tial open	flow 0	Bbl/d
Final open flow 1043 Mcf/d				
Time of open flow between initi	al and fi	nal tests	2 ho	urs
Static rock pressure 580 psig(surface	measurem	ent) after	24 hou	rs shut in
(If applicable due to multiple completion-				
Second producing formation	Pay	zone dept	-h	feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open	flow	Bbl/d
Final open flow Mcf/d			************	Bbl/d
Time of open flow between initi				
Static rock pressurepsig(surface:		_		
	: : :	-		

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

FOAM FRAC

DATE:

11/15/83

SAND:

200,000#

WATER:

PERFS:

790 BBLS.

4188' - 4867'

30 .49 Perfs

NITROGEN:

19320 CCF

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sand & Shale	0	141	
Coal	141	144	
Sand & Shale	144	229	
Coal	229	232	
Sand & Shale	232	336	
Coal	336	341	
Sand & Shale	341	357	
Coal	357	362	
Sand & Shale	362	950	
Open Hole	950	953	
Sand & Shale	953	1000	
Coal	1000	1005	
Sand & Shale	1005	2482	
Big Lime	2482	2760	
Big Injun	2760	2796	
Sand & Shale	2796	2946	
Weir	2946	3030	-
Sand & Shale	3030	3350	
Sudburry Shale	3350	3424	
Berea	3424	3482	
Gray Shale	3482	4254	
Brown Shale	4254	4840	
Marcellus	4840	5023	T.D. Huran
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			054
		19. 19.	
			Town door at 5000 with
			5023 3482 2541 Onondaga at 5000 with
	N. Company of the Com		
		\$	

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum

December

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including encountered in the drilling of a well."

1)	Date:	September	21		19 83
2)	Operator's Well No	C-25		,	
3)	API Well No	. 47	059	*****	1072
		State	Country	***************************************	Danner

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

4) WELL TY										
	B (If "Gas", Production X			' Underground	Underground storage/ Deep/ Shallow			X/)		
5) LOCATIO		evation: _		<u> 40°</u>		Watershed: _	Riffe Bra	ınch		,
	Di	strict:E	<u>lardee</u>			County:	Mingo	Quadrangle:	Myrtle	A CONTRACTOR OF THE PROPERTY O
6) WELL OP	ERATOR	Seneca	ı-Upshu	r Pe	troleum	ı <u>, I</u> nc.		AGENT Joseph		The second secon
Address	P.C). Box	2048				Address	P.O. Box 2		
•	Buc	khanno	n, Wes	t Vi	rginia	26201				rginia 262
8) OIL & GA	S INSPEC	TOR TO	BE NOTII	FIED			9) DRILLING CO			7
Name		ır St.					•	Little Swiss	Drilling	Company
Address			30x 157	7			Address	P.O. Box 2		Campany
2 200 000	***************************************				rginia	24818	Audicss			rginia 262
10) PROPOSE	D WELL	WORK:	Drill_X		_/ Drill	deeper	/ Redrill		/	and the same of th
			Plug of	f old i	formation		rate new formation		THE STATE OF	INDITE.
			Other pl	hysical	change in w	ell (specify)			12/18.00	JOU VEC
11) GEOLOGI	CAL TAR	GET FOR	MATION,		arcellu	S			المستسلم الأوا	
12) Estima	ited depth	of complet	ed well,		000	feet			نك	
13) Appro	ximate tra	ta depths:	Fresh,	CONTRACTOR OF THE PARTY OF THE	80	feet; sali	, 980	feet.	ರ್ಧ!	P 2 2 1983
14) Appro		_		3	20	Is co	al being mined in the		/ No	Χ /
15) CASING A	ND TUB	ING PRO	GRAM				,	-		A GAS DIVISIO
CASING OR		SPEC	IFICATIONS	;		FOOTAGE	INTERVALS	[CEMENT FILLUP	lı	
TUBING TYPE	Stee	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	DEPT	OF MIN
Conductor	16"				y	20	20	1	Kinds	
Fresh water	11 3/	1 10				740	740	To Surface		
Coal	1	Ī.			 	/40	/ 4 U	To Surface	Byeure	13-03
Intermediate	8 5/8	99	23.00	×	 	2520	2520	1	Sizes	
Production.	4 1/2	1	23.00			2520	2520	To Surface		
Tubing	 4 / /		123.04	X_	1		5000	As Required	11	
Liners	<u> </u>				╂			\parallel by Rule 15.	II .	
Twee 2	<u> </u>	 			 				Perforations:	
		 	 		 				Тор	Bottom
		-	 			***************************************				The second secon
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AND COMMERCE			**************************************			FFICE USE	NII V			A CONTRACTOR OF THE PROPERTY O
	***************************************	**************************************			***************************************	RILLING PE		. :		THE STATE OF THE S
		/.7	050 1	070	· 11.9 R	alling fe	MCIANN			
Permit number_		4/	-059-1	UZ				Octo	ober 13,	19 83
								Dat	e	
This permit cove	ring the w	ell operato	r and well	locatio	on shown be	low is evidence	of nermission grante	ed to drill in accordan		nont local
quirements subje	ct to the c	onditions o	ontained b	ierein a	ind on the re	verse hereof. No	otification must be gi	iven to the District Oil	and Gas Inspec	tor, (Refer to
No. 8) Prior to ti	he constru	ction of ro	ads, locati	ons and	l pits for any	permitted work	. In addition, the we	ell operator or his con	tractor shall noti	fy the proper
district oil and ga							•			
The permitted we	ork is as de	escribed in	the Notice	and A	pplication,	plat, and reclam	ation plan, subject to	o any modifications ar	nd conditions sp	ecified on the
reverse hereof.		0	ctober	12	1025					
Permit expires _			CCODEL	وكد	1300	unless well	work is commenced	prior to that date and	prosecuted with	due diligence.
F	······································		·							
Bond:	Agen	t: / F	Plat:	Casin	87 Fe	e				
12h		4/6	20/	SY	/ /	7 2			,	
			2 6	<u>a.</u>	0/1	73				•
	_						1		4	
							Admi	nistrator, Office of O	il and Gas	
NOTE: Keep or	ne copy of	this perm	it posted a	t the di	rilling location	on.	4.			ame o
				•	2 T			• •		File

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