

RECEIVED

AUG 1 3 1982

IV-35 (Rev 8-81)



OIL AND GAS DIVISION
WYDEPARTMENT OF MINES
State of Mest Mirginia

Pepariment of Mines Gil und Gas Pivision

Date_	August 12	198	2			
Operator's						
Well No. C-27						
Farm_						
ADT No	47 - 050		0002			

(Continue on reverse side)

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Underground	/ Wast	e Disposa: e/ Deep	l/ p/ Sha	llow <u>x</u> /)		
LOCATION: Elevation: 1300' Watershed	Rockhouse	Branch				
District: Hardee County Mingo			e Myr	tle		
COMPANY Seneca-Upshur Petroleum, Inc.						
ADDRESS P.O. Box 2048, Buckhannon, WV 26201	Caşing	Used in	Ieft.	Cement		
DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.			in Well	fill up		
ADDRESS P.O. Box 2048, Buckhannon, WW 26201	Size					
SURFACE OWNER Georgia-Pacific	20-16	15	15	10		
ADDRESS P.O. Box 1808, Augusta, GA 30909	Cond. 13-10"			_		
MINERAL RIGHTS OWNER Cotiga Development Comapr	Y9 5/8					
ADDRESS 25 Darby Road, Paoli, PA 19301	8 5/8	2251	2251	450		
OIL AND GAS INSPECTOR FOR THIS WORK Arthur	7	2251	2251	450		
St. Clair ADDRESS P.O. Box 157, Brenton, W						
PERMIT ISSUED 10/23/81	4 1/2		4566	155		
DRILLING COMMENCED 12/7/81	3					
DRILLING COMPLETED 12/15/81	2					
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			Daru:		
ON						
GEOLOGICAL TARGET FORMATION Marcellus			th 500			
Depth of completed well 4609 feet R						
Water strata depth: Fresh 109 feet;	***************************************					
Coal seam depths: 101, 195, 720, 1558	Is coal	being mine	ed in the	area? No_		
OPEN FLOW DATA			40	108-916a		
OPEN FLOW DATA Producing formation Devonian Shale Pay zone depth 3216 feet						
Gas: Initial open flow Trace Mcf/d	Oil: Ini	tial open	flow	0 Bbl/d		
Final open flow 1032 Mcf/d	Fir	al open fi	low	0_Bbl/d		
Time of open flow between initial and final tests 2 hours						
Static rock pressure 550 psig(surface measurement) after 24 hours shut in						
(If applicable due to multiple completion-	-)					
Second producing formation	Pay	zone depi	th	feet		
Gas: Initial open flowMcf/d	Oil: Ini	tial open	flow	Bbl/d		
Final open flowMcf/d	Oil: Fir	al open fi	low	Bbl/d		
Time of open flow between initi	al and fi	nal tests	ho	ırs		
` Static rock pressurepsig(surface	measureme	ent) after	hou	rs shut in		

FORM IV-35 (PEVERSE)

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

DATE:

5/27/82

6/3/82

NITROGEN: 9000 SCF

10300 SCF

WATER:

378 BBLS.

461 BBLS.

SAND:

90,000#

120,000#

PERFS:

12 4260'-4438'

12 4008'-4162'

WELL LOG

			REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	
Shale Sand Coal Sand Coal Sand Sand & Shale Coal & Shale Sand & Shale Sand & Shale Sand Coal Sand & Shale Sand Dark Shale White Sand Shale Sand & Shale Sand & Shale Sand & Shale Salt Sand Big Lime Big Injun Sand & Shale Weir Sand & Shale Weir Sand & Shale Sudburry Shale Berea Gray Shale Brown Shale Brown Shale Marcellus On and a ga	0 5 101 109 195 198 484 720 734 1422 1558 1565 1644 1726 1729 1781 1802 1949 2154 2432 2514 2656 2738 3066 3154 3216 3844 4380	5 101 109 195 198 484 720 734 1422 1558 1565 1644 1726 1729 1781 1802 1949 2154 2432 2514 2656 2738 3066 3154 3216 3844 4380 4609	T.D.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.

1982

Well Operator

By:

August 12,

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 will, encountered in the drilling of a well."



Well No.	C-27	
Farm_		
API #47 -	059 - 0993	
Date	October 7,	1981

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OILAND GAS WELL P	YERMIT APPLICATION
WELL TYPE: 011 / Gas x /	
(If "Gas", Production X / Unde	erground storage / Deep / Shallow X /
LOCATION: Elevation: 1300' Watershop District: Hardee County:	ed: Rockhouse Branch Mingo Quadrangle: Myrtle
Buckhannon, West Virginia 26201	DESIGNATED AGENT <u>Seneca-Upshur Petroleum, Inc.</u> Address <u>P.O. Drawer P</u> Buckhannon, West Virginia 26201
OIL AND GAS ROYALTY OWNER Cotiga Development Company Address 24 Darby Road	COAL OPERATOR Hobet Mining & Construction Address P.O. Box 8674
Acreage 858.00	South Charleston, West Virginia 25303 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER <u>Georgia Pacific-Exchange Oile</u> Address <u>1250 Poydras St., 24th Floor</u> New Orleans, Louisianna 70112	Address Pantsville, Kentucky 41240
Acreage 858.00	NAME Three Rivers Coal Company Address P.O. Box 118
FIELD SALE (IF MADE) TO: NAME	Pittsburgh, Pennsylvania 15320
OIL AND GAS INSPECTOR TO BE NOTIFIED:	COAL LESSEE WITH DECLARATION ON RECORD: NAME Hobet Mining & Construction Address P.O. Box 8674
	South Charleston, West Virginia 25303
Address P.O. Box 157	BECRIVED
Brenton, West Virginia 24818 Telephone 732-6227	
132-0221	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
132-0221	OIL AND GAS DIVISION WEDEPARTMENT OF MINES
The undersigned well operator is entitl	OR AND GAS DIVISION WYDEPARTMENT OF MINES led to operate for oil or gas purposes at the / other contract / dated Aug. 1 . 19 79.
The undersigned well operator is entitle above location under a deed / lease X	OR AND GAS DIVISION WAS DEPARTMENT OF MINES led to operate for oil or gas purposes at the / other contract / dated Aug. 1 , 19 79 , iga Development Company .
The undersigned well operator is entitlabove location under a deed/ lease X to the undersigned well operator from Coti	OR AND GAS DIVISION WY DEPARTMENT OF MINES led to operate for oil or gas purposes at the / other contract / dated Aug. 1 , 19 79 , iga Development Company . been recorded:)
The undersigned well operator is entitly above location under a deed / lease X to the undersigned well operator from Cotic contract has seconded on, locate, or other contract has seconded on, locate, west Virginia, in	OR AND GAS DIVISION WY DEPARTMENT OF MINES led to operate for oil or gas purposes at the / other contract / dated Aug. 1 , 19 79 , iga Development Company . been recorded:)
The undersigned well operator is entitle above location undersa deed. / lease X to the undersigned well operator from Coting and deed, lease, or other contract has becomed on, locate, or other contract has becomed on, locate, or other contract has becomed on, located on, located on, located as follows: PROPOSED WORK: Drill x / Drill Deeper Plug off old formation	OR AND GAS DIVISION WY DEPARTMENT OF MINES led to operate for oil or gas purposes at the / other contract / dated Aug. 1 , 19 79 , iga Development Company been recorded:) fice of the Clerk of County Commission of
The undersigned well operator is entitle above location under a deed / lease X to the undersigned well operator from Cotice and idead, Tease, or other contract has becomed on	led to operate for oil or gas purposes at the / other contract / dated Aug. 1, 19 79, Iga Development Company been recorded:) fice of the Clerk of County Commission of Book at page A permit is / Redrill / Fracture or stimulate / / Perforate new formation / well (specify) e work order on the reverse side hereof. o, and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the safter receipt of this Application by the Dept. Inclosed plat and reclamation plan have been and to the above named coal operator, coal owners of the mailing or delivery of this Application
The undersigned well operator is entitle above location under a deed / lease X to the undersigned well operator from Coting and and, lease, or other contract has becomed on, 19, in the off	led to operate for oil or gas purposes at the / other contract / dated Aug. 1, 19 79, Iga Development Company been recorded:) fice of the Clerk of County Commission of Book at page . A permit is / Redrill / Fracture or stimulate / Perforate new formation / well (specify) e work order on the reverse side hereof. and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the safter receipt of this Application by the Dept neclosed plat and reclamation plan have been and to the above named coal operator, coal owners of the mailing or delivery of this Application est Virginia. Seneca-Upshur Petroleum, Inc.
The undersigned well operator is entitle above location under a deed / lease X to the undersigned well operator from Cotice and and, Icase, or other contract has becomed on	led to operate for oil or gas purposes at the / other contract / dated Aug. 1 , 19 79, Iga Development Company been recorded:) fice of the Clerk of County Commission of Book at page A permit is / Redrill / Fracture or stimulate / Perforate new formation / well (specify) e work order on the reverse side hereof. and coal lessee are hereby notified that any to make by Code \$22-4-3 must be filed with the safter receipt of this Application by the Dept. Inclosed plat and reclamation plan have been and to the above named coal operator, coal owners of the mailing or delivery of this Application est Virginia.

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

								OFON COMPLET	ON
DRILLING	CONTRACT	OR (IF	KNOWN)	Lit	tle Sw	riss Drill	ing Compa	ny	
		A	ddress_	P.0	. Drav	ær P			
				Buc	khanno	on, West V	'irginia	26201	
GEOLOGICA	N TARGET	FORMAT	ION Dev	onian	_Shale	e marce	llus		
Estima Approx Approx	ated depth cimate wa cimate co al being	h of co ter str al seam	mpleted ata dept depths:	well_ hs:	5000 Fresh	fee_	t。 Rota feet;	ry_x / Cabl	e tools/ feet。
	ND TUBING							•	11847
CASING OF	!	SPE	CIFICATI					CEMENT FILL-	PACKERS
TUBING TY		Grade	Weight			ling		UP OR SACKS Cubic ft.	y exist.
Conductor		Grade .	per it	INEW	X	20	20	To Surface	Kinds
Fresh was		+		1	+==			10 001100	1
Coal									iSizes
Intermed.			20.00	X		1600	1600	_To_Surface	
****	on <u>4 1/2"</u>		10.50	X	<u> </u>		5000	As required	Depths set
Tubing Liners		ļ .	<u> </u>	-		-		by Rule 15.01	
riners	*	 	<u> </u>	+	 			1	Perforations:
			<u> </u>		-				Top Bottom
			1		 				i sibis/
822 red 822 pos A s whe	2-4-12b and quired by 2-4-8a from Seed well. Separate in great and a separate in the separate	nd Regu Code 8 om the Form IV uring o is note MIT MUS sions bein / Va. Coo rilling	lation 2 22-4-12a owner of 7-2 shall or stimul	a, and any any and ating the on ating the atin	v) univater be received the Formula Charles with Charles commits shall a commit	less previ if applica well or a quired for o be part orm IV-2: VELL SITE	iously parable, the welling of the welling the welling of the welling the welling of the welling	consent requ within 200 fe ing or stimul	ne well, the fee wired by Code eet of the pro- Lating a well a permit is
or is The unders location area of the signed ha	coal less to be is signed co has exami he well l s no obje ator has	see who sued wi al oper ned thi ocation to complie	thin fif	corded Tteen _/ owr sed we ell lo	WAL mer ell lo cocation	claration days of re VER lessee cation. n has bee d to be d	under Coeceipt the / of If a mine n added tone at the	de \$22-4-20, ereof: the coal undermap exists to the mine mais location,	any coal owner if the permit er this well which covers the ap. The under- provided the irginia Code and
Date:			9						
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