





IV-35 (Rev 8-81)

State of Mest Birginia

Are no passed thines

Bepartment of Mines

Oil und Cas Division

Date_	June	4, 1982	2						
Operator's									
Well	No.	C-35							
Farm_									
API N	ъ. 47 -	059	-	1004					

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL	TYPE:	Oil/ (If "Gas,"								llow <u>x</u> /)
LOCAT	LOCATION: Elevation: 1460' Watershed Rockhouse Branch									
		District:							e Myr	tle
COMPA	NY S	eneca-Upshur	Petroleim	Tno						
ADDRE	SS_P	O. Box 2048,	Buckhanno	n, WV 262		Caşin	1	sed in	Left	Cement fill up Cu. ft.
SURFA	CE OW	.O. Box 2048, NER Georgia-F .O. Box 1808,	acific			Size 20-16 Cond.	5	15	15	10
		GHTS OWNER C				13-10)"	951	951	450
ADDRE	ss 2	4 Darby Road,	Paoli, PA	19301	Amman	9 5/8		2466	2466	270
OIL A	ND GA	S INSPECTOR	FOR THIS W	ORK Arthu	r	8 5/8	3	2400	2400	270
St.	Clair	ADDRESS_	P.O. Box 1	57, Brenton	n, WV	7 5 1/2	>			
		UED Dece				4 1/2			4758	175 ′
		OMMENCED				3		RI		
		OMPLETED_	***************************************	**************************************	-	2		1	111 -0 100	2
∞ NTI	NUOUS	BLE: PLUGGI PROGRESSION VERBAL PER	FROM DRIL	LING OR		Liner used			AND GAS D	
***************************************	~		2 ETON	36		<u> </u>	4			
		TARGET FORM of complete	· · · · · · · · · · · · · · · · · · ·			otarv	Y		<u>h</u> 5000	
		strata depti						-	10013	
		seam depths:							ed in the	area?No
	FLOW 1									
	Produ	cing formation	on Devor	nian Shale			Pay z	one dept	h 3366	feet
		Initial ope								
		Final open	flow(713 Mcf	7 (a)		Final	open fl	Low	0 Bbl/d
		Time o	f open flo	w between	initi	al and	l fina	l tests	2 ho	irs
ı	Statio	c rock press	ure 625	psig(st	rface	measu	remen	t) after	- 24 hou	rs shut in
	(If a	pplicable du	e to multi	ple comple	etion-	-)				
:	Secon	d producing	formation_				Pay z	one dept	.h	feet
!	Gas:	Initial ope	n flow	Mcf	E/d (Oil:	Initi	al open	flow	Bbl/d
		Final open	flow	Mcf	[/d (Oil:	Final	open fl	.ow	Bbl/d
		Time o	f open flo	w between	initi	al and	l fina	l tests_	hou	ırs
	Stati	c rock press	ure	psig(sur		Teasur JUN 2				rs shut in
								(Contar	we on rei	velse Slae/

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

DATE:

4/28/82

5/4/82

NITROGEN: 7980 SCF

9600 SCF

SAND:

90,000#

120,000#

WATER:

366 BBLS.

451 BBLS.

PERFS:

12

12

WELL LOG

			1	REMARKS		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including	indicati	on of al	l fresh
			and salt	water, co	al, oil	and gas
Sand & Shale	0	122				
Sand	122	225				-
Coal	225	230				
Sand	230	238				
Sand & Shale	238	329				
Coal	329	334				
Sand & Shale	334	399				
Coal	399	404				
Sand & Shale	404	472				
Coal	472	477				
Sand & Shale	477	820			÷	
Coal	820	827				
Sand & Shale	827	910				•
Open Mine	910	914				
Shale	914	921				
Sand & Shale	921	2364				
Big Lime	2364	2642				
Big Injun	2642	2672				
Sand & Shale	2672	2826				
Weir	2826	2888				
Sand & Shale	2888	3232				
Sudburry Shale	3232	3286				
Berea	3286	3366				
Gray Shale	3366	4110				
Brown Shale	4110	4628				
Marcellus AMINESTREET.	4628	4778	T.D.			
0 2 0						
e of Onendage 4777						
e of Onondaga 4777 from gamma ray-donsity	109		·			
	*					
	No.					
					•	
					a.	

(Attach separate sheets as necessary)

Seneca-Unshur Petroleum, Inc. Well Operator

June 4, 1982

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."



Well	No.	C-35		
Farn	1			the decrease of the same of th
API	#47	- 059 -	1004	
Date	D€	cember 1	, 1981	
		Cavalinate		The state of the s

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

Strice of Ote And One Definition of Times	
OIL AND GAS WELL PERMIT APPLICATE	
WELL TYPE: 011 / Gas X /	
(If "Gas", Production X / Underground storage / Deep / Sh	nallow X /
LOCATION: Elevation: 1460' Watershed: Rockhouse Branch District: Hardee County: Mingo Quadrangle: Myrt	le
WELL OPERATOR Seneca-Upshur Petroleum, Inc. DESIGNATED AGENT Seneca-Upsh	
ROYALTY OWNER Cotiga Development Company COAL OPERATOR None Address 24 Darby Road Address Paoli, Pennsylvania 19301 Acreage Part of 2,456.00	
COAL OWNER(S) WITH DECLARATION ON SURFACE OWNER Georgia-Pacific, Exchange Oil & NAME Island Creek Coal Company Address 1250 Poydras St. 24th Floor Address Pantsville, Kentucky 412 New Orleans, Louisianna 70112	•
Acreage Part of 2,456.00 NAME Address	
FIELD SALE (IF MADE) TO: NAME	
Address COAL LESSEE WITH DECLARATION ON RE NAME NONE Address OIL AND GAS INSPECTOR TO BE NOTIFIED:	CORD:
NAME Arthur St. Clair Address P.O. Box 157 Brenton, West Virginia 24818 Telephone 732-6227	
The undersigned well operator is entitled to operate for oil or gas purpos above location under a deed/ lease_x / other contract/ dated_Aug. to the undersigned well operator fromCotiga Development Company	1, 1979,
The said doed, Trace, or other contract has been recorded:)	
Recorded on, 19, in the office of the Clerk of County Commissi	
County, West Virginia, in Book at page . A per requested as follows: PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or sti Plug off old formation / Perforate new formation / Other physical change in well (specify)	imulate/
planned as shown on the work order on the reverse side her The above named coal operator, coal owner(s), and coal lessee are hereby notificable tion they wish to make or are required to make by Code \$22-4-3 must be fill Department of Mines within fifteen (15) days after receipt of this Application	ied that any led with the

er(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia. PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION

\$613 WASHINGTON ST., E. EHARLESTON, WY 25311 Telephone - 304/348-3092

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal own-

Well Operator

Seneca-Upshur Petroleum, Inc.

Vice President

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM 1V-35 UPON COMPLETION

ACTUAL I	NEUKMAI	I I UN MUSI	BF 3	UBMIT	TED ON FO	RM: 1V-35 (JPON COMPLET	ION	
DRILLING CONTRACT	OR (IF	KNOWN)_	Lit	tle Sw	iss Drill	Ling Compar	ny		
	Æ	Address	P.0	. Draw	er P				
			Buc	khanno	n, West V	7irginia :	26201		
		***************************************	N/	77					
GEOLOGICAL TARGET Estimated dept Approximate wa Approximate co Is coal being	h of co ter str al seam	ompleted ata dept depths:	well_ hs:	5000 Fresh	fee	feet; s	yx/Cabi	le tool: feet	5/
CASING AND TUBING	PROGRA	<u>M</u>	*						Ang -
CASING OR	SPE	CIFICATI	ONS				CEMENT FILL-		CKERS
TUBING TYPE	104-	Weight	. M		For Dril	- Left in	UP OR SACKS		
Conductor 16"	Grade	iper it	New	Used	20	20	Cubic ft. To Surface	 	
Fresh water	<u> </u>	+	 	+		20	10 Barrace	Kinas	7.7327 mpo
Coal 11 3/	/N 81		X	-	670	670	To Surface	Sizes	
Intermed。 8 5/		20.00	X	1	2450	2450	To Surface		
Production: 4 1/	b"	10.50	X		2430	5000	As Required	set	
Tubing	-		 			3000	by Rule 15.		
Liners							2) 1010 13		ations:
								Тор	Bottom
1								!	
***************************************	}	1	1					1	
Form IV-9, 822-4-12b a required by 822-4-8a fr posed well. A separate where fract	"Reclam nd Regu Code 8 om the Form IV uring o is note BE POSTE haccord halocal	nation Pl lation 2 22-4-12a owner of -2 shall r stimul d as suc D AT THE on is hereby is permit sho by 8-1:	an" a 3, (i 3, and any not ating h on WELL	pplica v) unl (v) i water be req is to the Fo	ble to the ess prevolence of application well or a cuired for the part	he reclama iously pai able, the dwelling u r fracturi of the wo	lowed by Code tion required on the same consent required the consent required the consent required for stimularly for which connection the co	ed by Co ne well, nired by net of a nating o	ode the fee Code the pro- well wit is
The following or coal less is to be is: The undersigned collocation has examinarea of the well I signed has no object well operator has the governing regulate:	see who sued wi al oper ned thi ocation to complie larions	has received thin fif	orded teen / own ed we 11 lo	a dec (15) a W A I er ell loc ocation oposed	laration lays of relays of relays of relays $\frac{V E R}{I \text{ lessee}}$ ation. In has been to be defined as	under Codeceipt the / of the life a mine nedded to one at this	the coal under map exists we the mine ma is location,	if the er this which co ap. The provide	well overs the e under-ed the
nate:	, 19								.~
				В	y:	1904			