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JUL 25 1983	To de la constantina della con	Date	July 15,	1983
IV-35 (Rev 8-81) 1983 State of Mest		Operator	r's	
(Rev 8-81) 1983 State of Mest Oil & CAS Division Oil & CAS Division Oil and Gas	· Hirginiz	Well No	- C-52	19775C
OIL & CAS DIVISION Bepartment of Oil and Gas ?	Alines	Farm		Samps
OIL & OF MILE Oil and Gas ?	Bivision	API No.	47 - 059	- 1049
DEPT				
WELL OPERATOR'S	S REPORT			
OF DRILLING, FRACTURING AND/OR STIMU	LATING, OF	R PHYSICAL	CHANGE	
Didina. 167				
WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Underground	/ Waste	e Disposal e/ Deep	/ Sha	11ow_x_/)
IOCATION: Elevation: 920' Watershed	Right For	k of Laure	l Fork	MC 1117/AMOV YO
District: Hardee County Mingo		Quadrangle		tle
28				
				1500
COMPANY Seneca-Upshur Petroleum, Inc.	8		& Shale	Bruta .
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			Sand
SURFACE OWNER Harold Gilman	20-16	18	18	10
ADDRESS Star Rt. 1, Box 560, Lenore, WV 25676	Cond.	148	148	80
MINERAL RIGHTS OWNER Cotiga Development Co.	13-10" 9 5/8	140	-BLMIC &	Sand
ADDRESS 2nd Floor Rear, 14 E. Lancaster Ave.	7	1822	1822	400
OIL AND GASOINSPECTOR FOR THIS WORK Arthur	8 5/8	1022	1022	200
St. Clair ADDRESS P.O. Box 157, Brenton, W	7		& Shalle	Sand
PERMIT ISSUED March 15, 1983	3 1/2		4191	175
DRILLING COMMENCED June 10, 1983	4 1/2		1232	Sant
	3		ent.	nis
DRILLING COMPLETED June 19, 1983 IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		mjus	Dig
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners		sishe a	Sant
REWORKING. VERBAL PERMISSION OBTAINED	used		simmle a	Sant
6 2790 NO	272		ermin Atm	foot
GEOLOGICAL TARGET FORMATION Marcellus	270			000 feet
Depth of completed well 4245 feet 1	Rotary X	/ Cabi	e Tools_	MOVE
Water strata depth: Fresh 45 feet;	Salt	feet		0.37-
Coal seam depths: 84', 93', 151', 195'; 259	'Is coal	being mir	ed in the	e area? No
OPEN ET OW DATA			3550-4	085
Producing formation Devonian Shale	Pa	y zone dep	oth 27	go feet
Gas: Initial open flow Trace Mcf/d	Oil: In:	itial oper	flow 0	Bbl/d
Final open flow 808 Mcf/d	Fi	nal open i	flow 0	Bb1/d
Time of open flow between init	ial and f	inal tests	2 h	ours
Static rock pressure 490 psig(surface	e measure	ment) after	er 24 ho	urs shut i
(If applicable due to multiple completion				
Second producing formation	Pa	y zone dej	oth	fee
Demin broading rounders		_		

Gas: Initial open flow Mcf/d Oil: Initial open flow

Time of open flow between initial and final tests hours

Static rock pressure _____psig(surface measurement) after ____hours shut in

Final open flow____

Mcf/d Oil: Final open flow____

(Continue on reverse side)

Bbl/d

Bbl/d

F' RM IV-35 (EVEPSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, EIC. FOAM FRAC:

DATE:

6/23/83

SAND:

180,000#

WATER:

775 BBLS.

PERFS:

3550' - 4085' 24 .49 Perfs

NITROGEN:

18,960 CCF

WELL LOG

ORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale	0	28	District:
Sand	28	84	
Coal	84	89	
Sand & Shale	89	93	COMPANY Sensoral Petrol
Coal	93	97	AND THE RESIDENCE OF THE PARTY
Sand & Shale	97	200	ADDRESS P.O. Box 2048 Buckb
Sand Sand	138	151	DESIGNATED AGENT Joseph G.
Coal	151	155	
Sand	155		ADDRESS P.O. BOX 2048, Bucki
Coal	195	201	- SURGRACE OWNER Harrold Gilman
Shale	201	259	
Coal	259	261	ADDAESS Star Rt. 1, BOX 560,
Sand & Shale	261	334	olden commen control
Coal	334	338	MINERAL RIGHTS OWNER COSTS
Sand	338	512	- ADDMESS 2nd Floor Rear, 14.1
Coal	512	516	CATAL RE LINES
Sand	516	592	OIL AND CAS TREPETITOR FOR TH
Sand & Shale	592	624	St. Clair ADDRESS P.O.
Coal	624	627	
Sand & Shale	627	950	PERMIT ISSUED March 15,
Sand	950	1493	DRIFTING COMMENCED June
Sand & Shale	1493	1802	Capparation Dyllialing
Big Lime	1802	2080	DELLING COMPLETED June
Big Injun	2080	2098	TO THE OWNER OF THE PARTY WAS TO
Sand & Shale	2098	2258	IF APPLICABLE: PIUSGING OF
Weir	2230	2332	CONTINUOUS PROGRESSION FROM
Sand & Shale	2332	2656	REMORKLING. VEREBAL PERFUSSION
Sudburry Shale	2656	2726	NO
Berea	2726	2790	· ·
Gray Shale	2790	3522	GEOLOGICAL TARGET FORMATION
Brown Shale	3522	4070	Depth of complete dell'
Marcellus	4070	4245	T.D.
feet	eet; Salt	CP das	Huron its risks
Trees ent at beat 4245 Lso	259',19	3', 151', 145	To of Onondaga 4237
2750	STREET, STREET	212', 524'	from gomma ray - densit
			100
3550 1455		- Markett	ATAG WOLFE Wileq.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.

Well Operator

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."

DRILLING CONTRACTOR:

Tattle Swiss Drilling Co.



1)	Date:	converse A 444	, 19
2)	Operator's Well No.	5-52	
3)	API Well No	47 47 935	(11049

County

Permit

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

OIL AND CAS WELL PERMIT APPLICATION

					ND GAS				
4) WELL TYPE	2. A Oil		/ Cas	X	,				
i) WELLITPE		Gas", Pro		X		Underground sto	rage	_/ Deep	_/ Shallow/
) LOCATION:		tion:				Watershed:	Rigine PORK	of later or	Shanow/
	Distric	ct:	ACCEPTANCE OF THE PARTY OF THE	POAT A	America	County:	runjo	Quadrangle:	ryrcie
WELL OPER	RATOR		DA AO	The state of			DESIGNATED	AGENT	se amalyza
Address	Bur	Achanne	zugs	mt 171	recinia	26201	Address .	brokhamara k	bet Windhin
OIL & GAS					an 12 amil many			sucknammon, v	were varyating
OIL & GAS ROYALTY C	WNER _	otiga D		Aneir	Compa	12)	COAL OPERA	TOR	
Address	04	oli, Pe		zania	1930	apredo , deda:	Address		a trouble to
		re of 2		White State of	4500	<u>-</u>		AND DATE OF THE PARTY	40 GHIGH
Acreage SURFACE O	WNED	udlati	zhameu 1			13)		(S) WITH DECLAR	ATION ON RECORD:
Address	WINER	Star R	tt. 1,	Box	560	Libeth al	Name	- Baintsvi	11a, Manetery
		Lenore		2567	6		71441035		LossaeO (P
Acreage		T OF 2	0084				Name		
FIELD SALE	E (IF MADE	E) TO:					Address		
Address				00-5300		_	6044 4 50055	WALL DECL ID IT	
OIL & GAS	INSPECTO	R TO BE	NOTIFIE	D		14)	Name	WITH DECLARAT	ION ON RECORD:
Name	menur b	e. Cla					Address _		
Address). 130%		4		4910	State of the Arman		CALL PROPERTY OF THE SECOND
		inton,	HARDT J	/a.Lijas	alad jos	493.0 11110 1			
PROPOSED	WORK:	Drill		Drill dee		/ Redrill_		ure or stimulate	
		Plug off Other phy				/ Perforate ne	w formation		
GEOLOGICA				ige iii we	ii (specify)			
17) Estimate				2000		feet	1000	despett, freskvest	ar migral (81)
	mate water s			,	320		lt, 1900	feet.	
19) Approxim	mate coal sea	am depths:			300	Is coal l	peing mined in the a	rea? Yes	/ No
CASING AN	D TUBING	PROGRA	M						
CASING OR		SPE	CIFICATION	1S	11	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	70				A	20	20	to surrace	Kinds
Fresh water						3 (20)	2 22		
Coal	8 5/0		23.00	X		2100	2100	ro Surrace	Sizes
Production	4 1/2		23.00	X			125222	As Required	Depths set
Tubing								by Rule 15,0	
Liners						se dan zenakala	<u>ng affigers with a</u>		Perforations:
									Top Bottom
South State of the Land							roll to leave to		EALISMAN (#S)
	N RIGHTS						rud teinamata	are transported to	do debus his
EXTRACTIO		f the follow	A STATE OF THE STATE OF						
Check and pro				continui	ng contra	ct or contracts by	which I hold the	minhe to automat ail an	
Check and pro	ed is the leas	se or leases			(4) (See			right to extract on or	gas. 10 1110 059
Check and pro	ed is the leas quirement of	se or leases f Code 22-			(4). (See	reverse side for		right to extract on or	gas.
Check and pro Include The rec ROYALTY P Is the right to	ed is the least quirement of ROVISION extract, proc	se or leases f Code 22- S duce or ma	4-1-(c) (1)	through	based upo	reverse side for n a lease or other	specifics.) continuing contrac	t or contracts providi	ng for flat well royalty or
Check and pro Include The rec ROYALTY P Is the right to similar provisi	ed is the least quirement of ROVISION extract, pro- tion for com	se or leases f Code 22- S duce or ma apensation	4-1-(c) (1) rket the or to the ow	through	based upo	reverse side for n a lease or other	specifics.) continuing contrac	t or contracts providi	Ski salike ut senies
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Check and produced or not answer above Required Cop Copies of this named coal or Mines at Char Notary: My Commission	ed is the leas quirement of ROVISION extract, proc ion for com narketed? ee is No, not ies (See reve Permit App perator, coa eleston, Wes	se or leases f Code 22-S duce or ma appensation Yes 1 thing additers it is erse side.) plication ar 1 owner(s), tt Virginia.	4-1-(c) (1) rket the or to the ow No ional is not the ence and coal	through il or gas inner of the eeded. If closed pla lessee or	the answ at and rec or befor	e reverse side for n a lease or other gas in place which er is Yes, you make the day of the ethe day of the EICE USE ON LLING PERM	specifics.) continuing contract h is not inherently y use Affidavit For we been mailed by mailing or delivery Signed: Its:	t or contracts providing related to the volume orm IV-60. registered mail or delete of this Permit Applied to the volume of the Permit Applied to the volume of the Permit Applied to the Permit Appl	ng for flat well royalty or e of oil or gas so extract ivered by hand to the aboration to the Department
Check and produced or note answer above Required Copies of this named coal op Mines at Chart. My Commission The reconstructory Plant is the right to similar provisi produced or note answer above Required Copies of this named coal op Mines at Chart. My Commission The reconstruction of the reconstruction	ed is the leas quirement of ROVISION extract, procion for com marketed? e is No, not eles (See reve Permit App perator, coa eleston, Wes	se or leases f Code 22-S S duce or ma appensation Yes thing addition are lowner(s), at Virginia.	4-1-(c) (1) rket the oit to the ow No ional is not and the enc and coal	through il or gas inner of the eeded. If closed pla lessee or	obased upon the oil or go the answart and record or before DRI	n a lease or other gas in place which er is Yes, you make the day of the ETCE USE ON LLING PERIOD. We is evidence of	continuing contract his not inherently by use Affidavit Fove been mailed by mailing or delivery Signed: Its: NLY Permission granted	t or contracts providing related to the volume orm IV-60. registered mail or deleted of this Permit Applied to drill in accordance in to drill in accordance in the contract of the contract	ng for flat well royalty or see of oil or gas so extract ivered by hand to the aboration to the Department 19
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Check and produced or not not an experience of this named coal or Mines at Charmon of the composition of the	ed is the leas quirement of ROVISION extract, procion for commarketed? e is No, not its (See reve Permit Apportator, coalleston, Wes many the well of to the condrior to the condrion to the	se or leases f Code 22-S S duce or ma appensation Yes 1 I thing addition are I owner(s), at Virginia.	4-1-(c) (1) rket the oit to the ow No ional is not and the end and coal and well lotained her of roads,	through il or gas inner of the eeded. If eeded. If losed pla lessee or cation shein and location	obased upon the oil or a the answart and record or before the or before	reverse side for n a lease or other gas in place whice er is Yes, you ma lamation plan ha e the day of the TICE USE ON LLING PERM we is evidence of for any permitted if work has comm	continuing contract h is not inherently by use Affidavit Fove been mailed by mailing or delivery Signed: Its: NLY MIT permission granted fication must be gill work. In addition in medical,	Date to drill in accordance wen to the District Oil, the well operator or	ivered by hand to the abcation to the Department te with the pertinent legal and Gas Inspector.

NOTE: Keep one copy of this permit posted at the drilling location.

Administrator, Office of Oil and Gas