

DATE April 20, 1982

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

Operator's Well No. Monti #1-C  
API Well No: 47 - 083 - 0480  
State County Permit

0480

WELL CLASSIFICATION FORM

NEW ONSHORE RESERVOIR WELL

NGPA Section 102(c)(1)(C) Category 4

DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.

ADDRESS P.O. Drawer P  
Buckhannon, West Virginia 26201

WELL OPERATOR Seneca-Upshur Petroleum, Inc.

ADDRESS P.O. Drawer P  
Buckhannon, West Virginia 26201

LOCATION: Elevation 2930'  
Watershed Anderson Camp Run

Dist Middle Fork County Randolph Quad Pickens

GAS PURCHASER Columbia Gas

Gas Purchase Contract No. Being Negotiated

ADDRESS P.O. Box 1273  
Charleston, West Virginia 25325

Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

\* \* \* \* \*

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

- W.Va. Department of Mines Records and Maps
- Consolidated Supply Maps
- Equitable Gas Maps
- No Other pipelines in Area.

Describe the search made of any records listed above:

All of the above sources were checked. Seneca-Upshur Petroleum has the only gas facilities in the immediate area.

Are there any records not reasonably available to you which may contain information relevant to a determination of eligibility? Yes \_\_\_ No X. If yes, identify such records and indicate their location, if known:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes \_\_\_ No X. If yes, indicate the type and source of the information.

- 1) Was natural gas produced from the reservoir in commercial quantities prior to April 20, 1977? Yes \_\_\_ No X.
- 2) Was the reservoir penetrated by an old well from which oil or gas was produced in commercial quantities from any other reservoir? Yes \_\_\_ No X.
- 3) If the answer to 2) is "yes", could natural gas have been produced in commercial quantities prior to April 20, 1977 from any old well so indicated? Yes \_\_\_ No X.
- 4) If the gas is to be produced through an old well, were suitable production and gathering facilities available on April 20, 1977? Yes \_\_\_ No X.
- 5) If the answer to 3) or 4) is "yes", attach a separate sheet explaining why you believe the well, for which a determination is sought, can be qualified as a new onshore reservoir well and include any information which would support your conclusion.

BOTTOM HOLE PRESSURE DATA

Indicate the bottom hole pressure of the well and explain how this was calculated.

$$Pf = Pwe \times GLS$$

$$X = \frac{1}{53.34 T} = .000327756$$

$$Pf = 627.43$$

$$Pw = 590$$

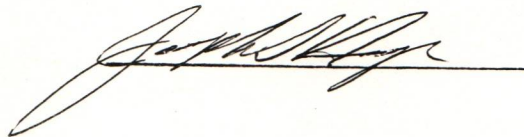
$$G = .364$$

$$e = 2.71828$$

$$L = 5156$$

S=) AFFIDAVIT

I, Joseph G. Hager, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this determination is sought is a well producing from a new onshore reservoir.



STATE OF WEST VIRGINIA,

COUNTY OF Upshur, TO WIT:

I, Jerry Lee Jackson, a Notary Public in and for the state and county aforesaid, do certify that Joseph G. Hager, whose name is signed to the writing above, bearing date the 20th day of April, 19 82, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 20th day of April, 19 82.

My term of office expires on the 3rd day of May, 19 87.

[NOTARIAL SEAL]

  
Notary Public

In and for the State of West Virginia

03/15/2024





State of West Virginia

Department of Mines  
Oil and Gas Division

Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

July 13, 1982

Seneca-Upshur Petroleum Company  
P. O. Box P  
Buckhannon, West Virginia 26201

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

<u>PERMIT NO.</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
083-0398	F. A. Daetwyler, #1	Middle Fork
083-0416	James P. Morgan, #1-A	Middle Fork
083-0417	R. T. Evans, Jr., #1	Middle Fork
083-0418	Carl E. Marti, #1 (Arnold Tenney)	Middle Fork
083-0433	Wilbur McNeal, #1	Middle Fork
083-0436	R. T. Evans, Jr., #2	Middle Fork
083-0448	J. M. Huber, #72 (Coastal Lbr. Co.)	Middle Fork
<del>083-0480</del> 083-0480	Geno J. Monti, #1-C	Middle Fork
083-0481	Geno J. Monti, #1-B	Middle Fork

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

TMS:rl

03/15/2024







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

INSPECTOR'S WELL REPORT

Permit No. 083-0480 0480

Oil or Gas Well GAS  
(KIND)

Company <u>SENECA UPSHUR</u> Address <u>BUCK HANNON</u> Farm <u>Coeno J. Monti</u> Well No. <u>1-C</u> District <u>MIDDLE FORK</u> County <u>RANDOLPH</u> Drilling commenced <u>7-7-81</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
	Size			Kind of Packer
	16			
	13			
	10			Size of
	8 1/4			
	6 3/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
Liners Used			Perf. top	
			Perf. bottom	
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____		NAME OF SERVICE COMPANY _____		
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES		_____ FEET _____ INCHES _____ FEET _____ INCHES		
_____ FEET _____ INCHES _____ FEET _____ INCHES		_____ FEET _____ INCHES _____ FEET _____ INCHES		

Drillers' Names LITTLE SWISS RIG - 3

Remarks: Move Rig SPD

RECEIVED  
JUL - 9 1981

OIL & GAS DIVISION  
DEPT. OF MINES

7-7-81  
DATE

Robert St... 511  
03/15/2024  
DISTRICT WELL INSPECTOR





IV-35  
(Rev 8-81)

Date March 8, 1982  
Operator's Well No. Monti #1-C  
Farm \_\_\_\_\_  
API No. 47 - 083 - 0480  
47 083 0480

State of West Virginia  
Department of Mines  
Oil and Gas Division

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

WELL TYPE: Oil \_\_\_ / Gas x / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production x / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 2930' Watershed Anderson Camp Run  
District: Middle Fork County Randolph Quadrangle Pickens

COMPANY Seneca-Upshur Petroleum, Inc.  
ADDRESS P.O. Drawer P, Buckhannon, WV 26201  
DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.  
ADDRESS P.O. Drawer P, Buckhannon, WV 26201  
SURFACE OWNER Charles L. Chandler  
ADDRESS PO Box 892, Morgantown, WV 26505  
MINERAL RIGHTS OWNER Geno J. Monti, Agent  
ADDRESS Farrell Office, 829 Division St. Sharon, PA 16146  
OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart ADDRESS Jane Lew, WV  
PERMIT ISSUED June 4, 1981  
DRILLING COMMENCED July 7, 1981  
DRILLING COMPLETED July 15, 1981  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	16	16	10 <del>5000</del>
13-10"			
9 5/8			
8 5/8	1816	1816	400 <del>5000</del>
7			
5 1/2			
4 1/2		5461	400 <del>5000</del>
3			
2			
Liners used			

**RECEIVED**

MAR - 9 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

GEOLOGICAL TARGET FORMATION Elk Depth 5900 feet  
Depth of completed well 5570' feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh \_\_\_\_\_ feet; Salt \_\_\_\_\_ feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson Pay zone depth 3670 feet  
Gas: Initial open flow Trace Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 73 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 2 hours

Static rock pressure 590 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)

Second producing formation Alexander/Elk Pay zone depth 4608 feet  
Gas: Initial open flow Trace Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 73 Mcf/d Oil: Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 2 hours

Static rock pressure 590 psig (surface measurement) after 24 hours shut in

03/15/2024



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

DATE: 12/17/81  
 FRESH WATER: 398 BBLs.  
 SAND: 40,000#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand			0	174	
Sand & Shale			174	911	
Lime			911	948	
Shale & Red Rock			948	1022	
Sand & Shale			1022	1195	
Big Monday			1195	1289	
Red Rock & Shale			1289	1484	
Big Lime			1484	1744	
Big Injun			1744	1834	
Sand & Shale			1834	2393	
Fifth Sand			2393	2477	
Sand & Shale			2477	3670	
Benson			3670	3759	
Sand & Shale			3759	3961	
Upper Alexander ?			3961	4014	
Sand & Shale			4014	4608	
Alexander			4608	4676	
Sand & Shale			4676	5274	
Elk			5274	5343	
Sand & Shale			5343	5570	T.D.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.

03/15/2024

Well Operator

By:

Date: March 8, 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



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

DATE: 12/17/81  
 FRESH WATER: 398 BBLs.  
 SAND: 40,000#

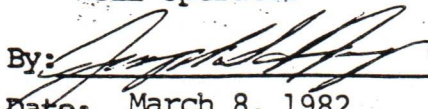
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Big Injun			1744	1834	
Sand & Shale			1834	2393	
Fifth Sand			2393	2477	
Sand & Shale			2477	3670	
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Sand & Shale			3759	3961	
Upper Alexander ?			3961	4014	
Sand & Shale			4014	4608	
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Sand & Shale			4676	5274	
Elk			5274	5343	
Sand & Shale			5343	5570	T.D.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.  
 Well Operator

03/15/2024

By:   
 Date: March 8, 1982

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

RECEIVED

JUN 14 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 033-0480 0480

Oil or Gas Well GAS  
(KIND)

Company <u>Seneca URSHUR</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buck Hannon</u>	Size			
Farm <u>Geno J Manti</u>	16			Kind of Packer
Well No. <u>1-C</u>	13			
District <u>Middle Fork</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>7-7-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT _____ Dat _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: O.K. To Release

6-10-82

Robert Stewart

511

03/15/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

APR 2 5 1985  
03/15/2024



PARTICIPANTS:

DATE: \_\_\_\_\_

BUYER-SELLER \_\_\_\_\_

WELL OPERATOR:

Seneca-Upshur Petroleum, Inc. <sup>SEP</sup> 9/1982

FIRST PURCHASER:

Columbia Gas

00403

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
820422-102-083-0480  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

QUALIFIED

(show new reservoir boundaries) attached

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. 7.0 + 8.0 C
- 2. IV-1 Agent  Joseph G. Hager
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening
- 6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 (53) - 54 - 55 - 56 - 57 - 58 Complete?  Affidavit Signed \_\_\_\_\_
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map  1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_ Isopach
- (5) Date commenced: 7-7-81 Date completed 7-15-81 Deepened
- (5) Production Depth: 3670 4608
- (5) Production Formation: Benson, Alexander / Elk
- (5) Final Open Flow: 734 c F
- (5) After Frac. R. P. 590 # 24 hrs.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily P \_\_\_\_\_
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? Yes
- Additional information \_\_\_\_\_ Does computer program confirm? 03/15/2024
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

JB

03/15/2024

WELL CLASSIFICATION FORM

NEW ONSHORE RESERVOIR WELL

NGPA Section 102(c)(1)(C) Category 4

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

DATE

April 20, 1982

Operator's Well No. Monti #1-C

State 47

County 083

Permit 0480

0480

DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.

ADDRESS P.O. Drawer P

Buckhannon, West Virginia 26201

LOCATION: Elevation 2930'

Watershed Anderson Camp Run

Dist Middle Forkty Randolph Quad Pickens

Gas Purchase Contract No. Being Negotiated

Meter Chart Code

Date of Contract

WELL OPERATOR Seneca-Upshur Petroleum, Inc.

ADDRESS P.O. Drawer P

Buckhannon, West Virginia 26201

GAS PURCHASER Columbia Gas

ADDRESS P.O. Box 1273

Charleston, West Virginia 25325

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Consolidated Supply Maps  
Equitable Gas Maps  
No Other pipelines in Area.

Describe the search made of any records listed above:

All of the above sources were checked. Seneca-Upshur Petroleum has the only gas facilities in the immediate area.



Well Site Plan

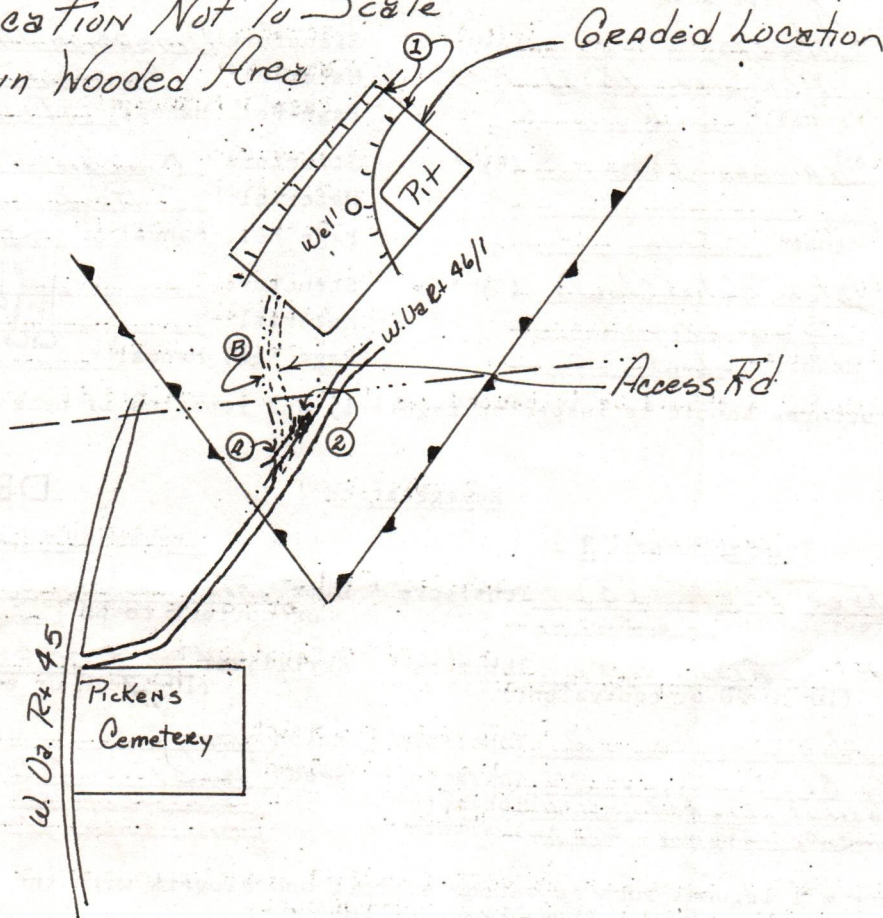
Legend: Property Boundary Road Existing Fence Planned Fence Stream Open Ditch

Diversion Spring Wet Spot Building Drain Pipe Waterway

Sketch to include well location, existing access road, roads to be constructed wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

Access Road to Scale 1" = 1000'

Graded Location Not To Scale  
Location is in Wooded Area



All marketable Timber To be cut & stacked

All brush and/or other debris to be cut and disposed of prior to beginning earthwork

Access Road Slope - 7.5%

Ditch Relief Cross DRAIN SPACING - 250'

All ditches & culverts To be maintained after construction.

Comments: All road banks and other cuts To be on 2:1 slope or less;  
Seed mixture #2 To be used on critical areas

Signature: *James V.P. R.O. SOX P. BICKHORN* 472-6886  
Agent Address Phone Number

08/15/2024

Please request landowners cooperation to protect new seeding for one growing season.





Date Feb 2 1981  
 Well No. Monti 1-C  
 API No. 47 - 083 - 0480  
 State County Permit

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name Seneca Upstate Petroleum Designated Agent Joseph Hoyer  
 Address PO Box P, Buckhannon, W.Va. Address Box P, Buckhannon W.Va.  
 Telephone 304-472-6396 Telephone 304-472-6396  
 Landowner Max Schneider Soil Cons. District \_\_\_\_\_

Revegetation to be carried out by Joseph Hoyer (Agent)

This plan has been reviewed by Tygart Valley SCD All corrections and additions become a part of this plan. 5-29-81 (Date) Junius Helms (SCD Agent)

**Access Road**

Structure Culverts (A)  
 Spacing Min Size 12" ID  
 Page Ref. Manual I-8

Structure DRAINAGE Ditch (B)  
 Spacing \_\_\_\_\_  
 Page Ref. Manual I-11

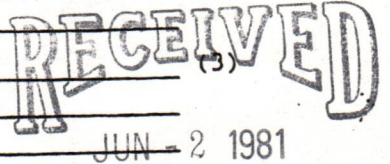
Structure Ditch Relief Cross Dr. (C)  
 Spacing See sketch  
 Page Ref. Manual I-5

**Location**

Structure Diversion Ditch (1)  
 Material Earth  
 Page Ref. Manual I-11

Structure Riprap (2)  
 Material Rock  
 Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (3)  
 Material \_\_\_\_\_  
 Page Ref. Manual \_\_\_\_\_



All structures should be inspected regularly and repaired if necessary.

OIL & GAS DIVISION  
DEPT. OF MINES

Revegetation

**Treatment Area I**

Lime three (3) Tons/acre  
 or correct to pH 6.5

Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)

Mulch Hay 2 Tons/Acre

Seed\* Ky 31 - 30 lbs/acre  
Birdshot Trefoil - 10 lbs/acre  
Domestic Rye - 10 lbs/acre

**Treatment Area II**

Lime three (3) Tons/Acre  
 or correct to pH 6.5

Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)

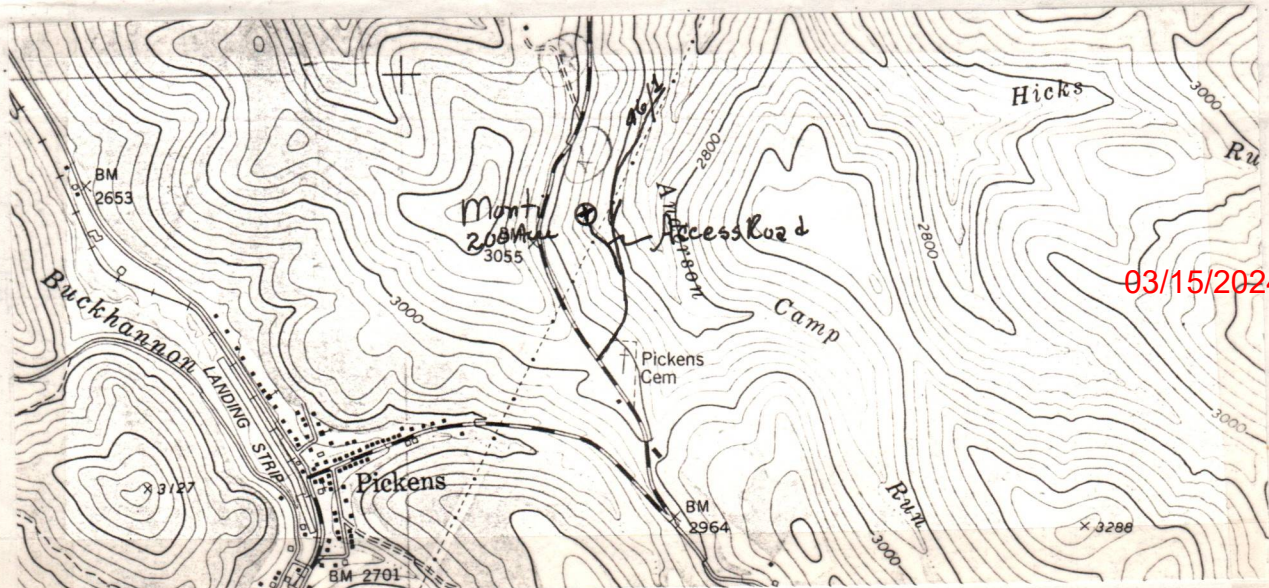
Mulch Hay 2 Tons/Acre

Seed\* Ky 31 30 lbs/acre  
Birdshot 10 lbs/acre  
Dom. Rye 10 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Pickens

Legend: Well Site  
 Access Road



03/15/2024



[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Monti #1-C

API Well No. 47 - 083 - 048

State County Perm

47-083-048

WELL TYPE: Oil  / Gas  /  
(If "Gas", Production  / Underground storage  / Deep  / Shallow  /)

LOCATION: Elevation: 2930" Watershed: Anderson Camp Run  
District: Middle Fork County: Randolph Quadrangle: Pickens

WELL OPERATOR Seneca-Upshur Petroleum, Inc. DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.  
Address PO Box P Address PO Box P  
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Geno J. Monti, Agent COAL OPERATOR None  
Address Farrell Office, 829 Division St. Address \_\_\_\_\_  
Sharon, PA 16146

Acreage 200.00 COAL OWNER(S) WITH DECLARATION ON RECORD:  
SURFACE OWNER Charles L. Chandler Name Geno J. Monti, Agent  
Address PO Box 892 Address Farrell Office, 829 Division St.  
Morgantown, WV 26505 Sharon, PA 16146  
Acreage 200.00 Name \_\_\_\_\_ Address \_\_\_\_\_

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JUN - 2 1981

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_ Address \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS DIVISION DEPT. OF MINES  
RECEIVED RECEIVED  
MAY 27 1981 MAY 20 1981

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart  
Address Jane Lew, West Virginia  
884-7782

OIL & GAS DIVISION DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated February 1, 1979, to the undersigned well operator from Geno J. Monti

[If said deed, lease, or other contract has been recorded:]  
Recorded on July 26, 1979, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in Deed Book 325 at page 146. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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 owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

03/15/2024

Seneca-Upshur Petroleum, Inc.  
Well Operator

BLANKET BOND

By Joseph H. [Signature]  
Its Vice President

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092



PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Little Swiss Drilling Company

Address PO Box P  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5900' feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh,      feet; salt,      feet.

Approximate coal seam depths: None Is coal being mined in the area: Yes      / No     

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13		42		X	20	20	To Surface	Kinis
Fresh water									
Coal									Slips
Intermediate	8 5/8		20	X		480	480	To Surface	
Production	4 1/2		10.50	X			5900	1200'	Depths set
Tubing								As Required by Rule 15.01	
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 22, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well when fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**  
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-4-82.

*[Signature]*  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

03/15/2024

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