



Formerly: G-1-3378

Well No. J. Fitzpatrick #2
Farm J. Fitzpatrick
API #47-021-3900
Date May 17, 1982

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1121 Watershed: Stewarts Creek
District: Glenville County: Gilmer Quadrangle: Glenville

WELL OPERATOR Eastern American Energy Corp.
Address P.O. Box N
Glenville, WV 26351

DESIGNATED AGENT Donald C. Supcoe
Address P.O. Box N
Glenville, WV 26351

OIL AND GAS
ROYALTY OWNER Joseph Fitzpatrick
Address Gilmer County, WV

COAL OPERATOR None
Address _____

Acreage 128

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME None
Address _____

SURFACE OWNER Edward Kroll
Address Stewart's Creek Rd., Glenville, WV

Acreage 128

NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME None
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Route #1 Box 65
Sandridge, WV 25274
Telephone 304-655-8693

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JUN - 3 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated Aug. 21, 1905, to the undersigned well operator from J. Fitzpatrick made to J.M. Basaw.

(If said deed, lease, or other contract has been recorded:)

Recorded on January 15, 1912, in the office of the Clerk of County Commission of

Gilmer County, West Virginia, in 73 Book at page 368. A permit is requested as follows:

PROPOSED WORK: Drill X / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

02/16/2024

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Eastern American Energy Corporation
Well Operator

By: Donald C. Supcoe

Its: Designated Agent

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address _____

GEOLOGICAL TARGET FORMATION Devonian Shale

Estimated depth of completed well 5250 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 50 feet; salt, None feet.
Approximate coal seam depths: unknown
Is coal being mined in this area: Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling	Left in Well		
Conductor	20	J-55	94 lb		X	25	-0-	-0-	Kinds
Fresh water	8 5/8	J-55	20 lb	X		400	400	Surface	
Coal									Sizes
Intermed.									
Production	4 1/2	CW	10.5	X		5250	5250	250 sks	Depths set
Tubing	1 1/2	H-40	2.5	X					
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 23, (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 dwelling within 200 feet of the proposed well.
A separate Form IV-2 shall not be required for fracturing or stimulating a well where 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,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 2-11-83;
BY [Signature]

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, **02/16/2024** the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: _____, 19____.

By: _____

Its: _____



IV-9
(Rev 8-81)

DATE May 17, 1982
WELL NO. J. Fitzpatrick #2
API NO. 047 - 021 - 3900

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Eastern American Energy Corp.
Address P.O. Box N Glenville, WV 26351
Telephone 462-5781

DESIGNATED AGENT Donald C. Supcoe
Address P.O. Box N Glenville, WV 26351
Telephone 462-5781

LANDOWNER Edward Kroll

SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by Eastern American Energy Corporation (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 6/2/82 (Date)

Kenneth Knight
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert (A)
Spacing 15" Diameter (minimum) (as needed)
Page Ref. Manual 2:7

Structure Diversion Ditches (1)
Material Earthen
Page Ref. Manual 2-12

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Structure Drainage Ditch (B)
Spacing Earthen
Page Ref. Manual 2:12

Structure Drilling Pit (2)
Material Soil
Page Ref. Manual N/A

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Structure Cross Drains (C)
Spacing 2-3% 200-250' apart 15% - 60' apart
Page Ref. Manual 2:4

Structure _____ (3)
Material _____
Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime * _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Pasture Mix lbs/acre
Ky 31 Fescue 35 lbs/acre
Ladino Clover 5 lbs/acre

Lime * _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Pasture Mix lbs/acre
Ky 31 Fescue 35 lbs/acre
Ladino Clover 5 lbs/acre

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

* Lime according to PH test

PLAN PREPARED BY Kevin L. Hartleroad
Eastern American Energy Corp.


NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.


ADDRESS P.O. Box N
Glenville, WV 26351

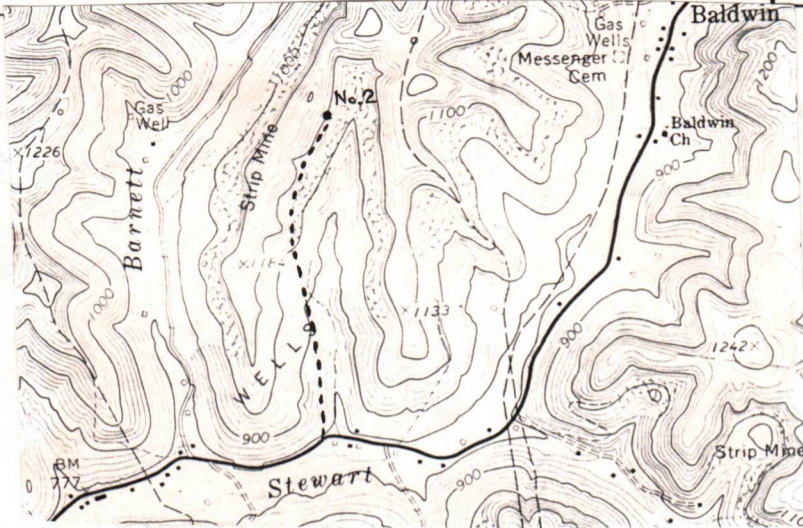
PHONE NO. 462-5781

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Glenville

LEGEND

Well Site  ---











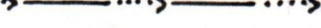

Access Road  ---

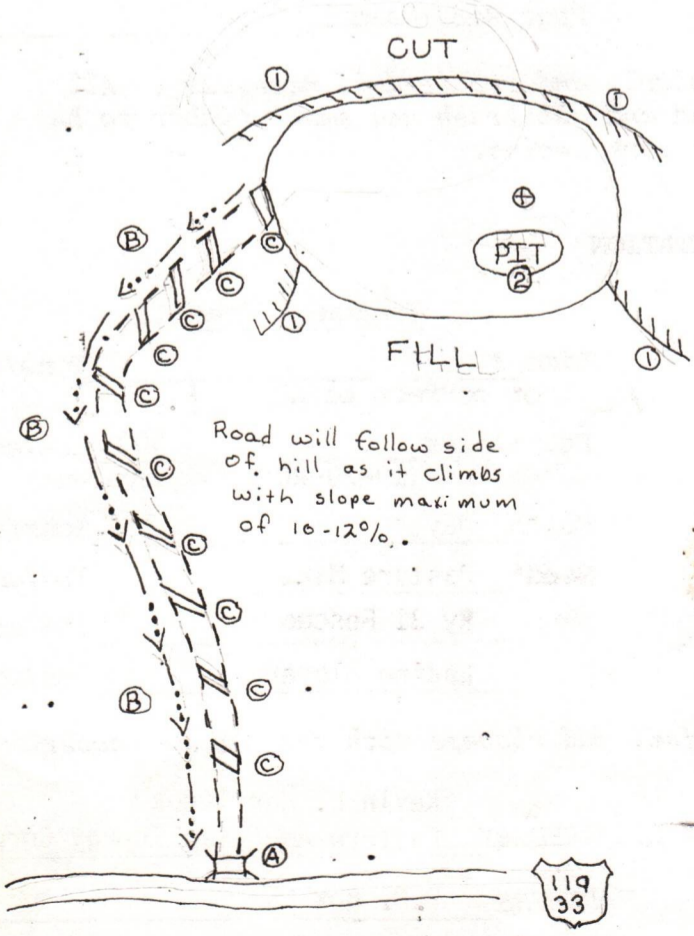


WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



COMMENTS: Road will begin on star route and proceed to location. Brush is to be cleared prior to location construction. Culverts are to be installed where required along location road. Adequate drainage is to be provided along the road to prevent water accumulation. After drilling, this road and location site are to be backfilled and reclaimed.

02/16/2024

Kevin L. Hartleroad
Kevin L. Hartleroad
Geologist



IV-35
Rev 8-81)

Date December 14, 1982
Operator's J. Fitzpatrick #2
Well No. J. Fitzpatrick #2
Farm _____
API No 47 - 021 - 3900

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 ___ / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1121' Watershed Stewarts Creek
District: Glenville County Gilmer Quadrangle Glenville 7.5

COMPANY Eastern American Energy Corporation

ADDRESS P. O. Box N, Glenville, WV 26351

DESIGNATED AGENT Donald C. Supcoe

ADDRESS P. O. Box N, Glenville, WV 26351

SURFACE OWNER Edward Kroll

ADDRESS Rt. 71, Glenville, WV 26351

MINERAL RIGHTS OWNER Velma Clowser, et al

ADDRESS Rt. 1, Box 18, Rosedale, WV 26636

OIL AND GAS INSPECTOR FOR THIS WORK _____

Deo Mace ADDRESS Rt. 1, Box 65, Sand Ridge, WV

PERMIT ISSUED June 3, 1982

DRILLING COMMENCED November 6, 1982

DRILLING COMPLETED November 10, 1982

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.			
13-10"	31.60	-0-	-0-
9 5/8			
8 5/8	421.55	421.55	surface
7			
5 1/2			
4 1/2		5040.55	236' ³
3			
X 1 1/2		4487.8	
Liners used			

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JAN 17 1983

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5250 OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Depth of completed well 5131 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 107 feet; Salt 675 feet

Coal seam depths: none reported Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Elk/Benson Pay zone depth 4532' - 4962 feet

Gas: Initial open flow 94 Mcf/d Oil: Initial open flow -0- Bbl/d

Final open flow 250 Mcf/d Final open flow -0- Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1140 psig (surface measurement) after 18 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

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

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

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

(Continue on reverse side)

GIL - 3900

02/16/2024

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

Perforate Elk with 0.39" holes @ 4961', 4962', 4945', 4946', 4914', 4915'; 8 holes from 4894-4895'
 8 holes from 4865 - 4869'; 1 each @ 4814', 4815'
 Frac with 20,000 lbs. 80/1-0 sand and 40,000 lbs. 20/40 sand, breakdown @ 1800 psi

Perforate Benson with 8 - 0.39" holes from 4532' - 4536'.
 Frac with 15,000 lbs. 80/100 sand and 45,000 lbs. 20/40 sand, breakdown @ 1300 psi

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill			0	5	
Shale & Sand			5	86	
Shale & Red Rock			86	106	
Sand			106	115	Damp @ 107'
Shale, Sand & Red Rock			115	283	
Sand & shale			283	1558	Top E Log @ 1500' / hole wet @ 675'
Little Lime			1558	1583	
Lime & Sand			1583	1620	
Big Lime			1620	1668	
Injun			1668	1770	
Shale			1770	1824	
Weir			1824	1975	
Shale & Sand			1975	4526	
Benson			4526	4543	
Shale			4543	4810	
Elk, Sand & Shale			4810	4976	
Shale			4976	5131	
Total Depth			5131		

(Attach separate sheets as necessary)

Eastern American Energy Corporation

Well Operator

By: F. H. McCullough, III *F. H. McCullough, III* vice President

02/16/2024

Date: December 14, 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 ... in the drilling of a well."

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

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NOV 17 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-3900

Oil or Gas Well _____
(KIND)

Company Eastern American

Address _____

Farm J. Fitzpatrick

Well No. 2

District Blawie County Gil.

Drilling commenced 11-5-82

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			
16 <u>11 3/4</u>	<u>32'</u>	<u>32'</u>	Kind of Packer _____
18 <u>8 5/8</u>	<u>420</u>	<u>420</u>	<u>Dowell</u>
10			Size of _____
8 1/4			
6 5/8			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

Drillers' Names I. L. Morris 7

Remarks: 170 SKS cement set 11-6-82

11-8-82
DATE

W. M. Mason 02/16/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

02/16/2024
DISTRICT WELL INSPECTOR



DEPARTMENT OF ENERGY
OIL AND GAS

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

APR 1 1986

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 3, 1984

COMPANY Eastern American Energy Corp.

PERMIT NO 021-3900 (6-11-82)

P. O. Box N

FARM & WELL NO J. Fitzpatrick #2

Glenville, West Virginia 26351

DIST. & COUNTY Glenville/Gilmer

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Craig Duckworth

DATE 3/26/86

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
-Oil & Gas Division

April 2, 1986

DATE

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DEC 15 1982

CIL & GAS DIVISION
DEPT. OF MINES

1.0 AP# well number (If not available, leave blank. 14 digits.) 47-021-3900

2.0 Type of determination being sought (Use the codes found on the front of this form.) 103
Section of NGPA Category Code

3.0 Depth of the deepest completion location (Only needed if sections 1033 or 107 in 2.0 above.) 5131

4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)
Eastern American Energy Corporation 031836
 Name P. O. Box N State Code
Glennville, WV 26351
 Street City State Zip Code

5.0 Location of this well: [Complete (a) or (b).]
 (a) For onshore wells (35 letters maximum for field name.)
Glennville North
 Field Name WV
Gilmer State
 County State

(b) For OCS wells:
 Area Name Block Number
 Date of Lease:
 Mo. Day Yr. OCS Lease Number

(c) Name and identification number of this well: (35 letters and digits maximum.)
J. Fitzpatrick #2

(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)

6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)
Columbia Gas Transmission Corporation 013795
 Name Buyer Code

(b) Date of the contract
 Mo. Day Yr.

(c) Estimated annual production:
19 MMcf

	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	<u>N/A</u>	<u>---</u>	<u>---</u>	<u>---</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.698</u>	<u>---</u>	<u>---</u>	<u>---</u>

9.0 Person responsible for this application:
 Agency Use Only
 Date Received by Juris. Agency DEC. 15 1982
 Date Received by FERC
Donald C. Supcoe Designated Agent
 Name Title
Donald C. Supcoe
 Signature
12/14/80
 Date Application is Completed
(304) 462-5781
 Phone Number

FT7000506 27

02/16/2024

APR 1 - 1983

DATE: _____

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: Eastern American Energy Corp.

031836

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER: _____

1500

Qual [Signature]

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82 12 15 - 103 - 021 = 3900
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121 Items not completed - Line No. R1170, 8.0 Deregulated
 2. IV-1 Agent Donald C. Supcoe
 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 _____
 - (5) Date commenced: 11-6-82 Date completed 11-10-82 Deepened
 - (5) Production Depth: 4532, 4962
 - (5) Production Formation: EIK, Benson
 - (5) Final Open Flow: 250 MCF
 - (5) After Frac. R. P. 1170# 18 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 Rep. _____
 - (5) Oil Production: _____ From Completion Report _____
 - 10-17. Does lease inventory indicate enhanced recovery being done No
 - 10-17. Is affidavit signed? Notarized? 02/16/2024
 - Does official well record with the Department confirm the submitted information? yes
 - Additional information _____ Does computer program confirm? _____
 - Was Determination Objected to _____ By Whom? _____

Date December 14, 1982

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

Operator's Well No. J. Fitzpatrick #2

API Well No. 47 - 021 - 3900
State County Section

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Donald C. Supcoe
 ADDRESS P. O. Box N
Glenville, WV 26351

WELL OPERATOR Eastern American Energy Corporation
 ADDRESS P. O. Box N
Glenville, WV 26351

LOCATION: Elevation 1121'
 Watershed Stewarts Creek
 Dist. Glenville County Gilmer Quad Glenville 7.5

GAS PURCHASER Columbia Gas Transmission Corp. Purchase Contract No. NA
 ADDRESS P. O. Box 1273 Meter Chart Code NA
Charleston, WV 25325 Date of Contract NA

* * * * *

Date surface drilling was begun: November 6, 1982

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

The bottom hole pressure of this well is 1302 psig and was calculated by gauging the static surface pressure and using the standard gas deviation formula to extrapolate surface pressure to bottom hole pressure.

BHP = Pw + Pw * e^(GL/53.34T-1)

Pw = 1140
 L = 4742
 T = 120
 G = .75
 BHP = 1301

AFFIDAVIT

I, F.H. McCullough, III, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

F.H. McCullough, III

STATE OF WEST VIRGINIA,

COUNTY OF Gilmer, TO WIT:

I, Donald C. Supcoe, a Notary Public in and for the state and county aforesaid, do certify that F.H. McCullough, III whose name is signed to the writing above, bearing date the 14th day of December, 1982, has acknowledged the same before me, in my county aforesaid Given under my hand and official seal this 14th day of December, 1982.

My term of office expires on the 6th day of November, 1991.

(NOTARIAL SEAL)

Donald C. Supcoe
Notary Public

02/16/2024

RECEIVED
3 DEC 15 1982

OIL & GAS DIVISION
DEPT. OF MINES

<p>1.0 Applicant number (If not available, leave blank. 14 digits.)</p>	<p>47-021-3900</p>								
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p>107 Section of NGPA</p>								
<p>3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p>5131</p>								
<p>4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Eastern American Energy Corporation 031836 - Site Code</p> <p>Name P. O. Box N</p> <p>Street Glennville, WV 26351</p> <p>City State Zip Code</p>								
<p>5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p>Glennville North</p> <p>Field Name Gilmer WV</p> <p>County State</p>								
<p>(b) For OCS wells:</p>	<p>Area Name Block Number</p> <p>Date of Lease: Mo. Day Yr. OCS Lease Number</p>								
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p>J. Fitzpatrick #2</p>								
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p> </p>								
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation 013795</p> <p>Name Buyer Code</p>								
<p>(b) Date of the contract</p>	<p>Mo. Day Yr.</p>								
<p>(c) Estimated annual production:</p>	<p>19 MMcf.</p>								
<p>7.0 Contract price. (As of filing date. Complete to 3 decimal places.)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">N/A</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	N/A	-----	-----	-----
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)						
N/A	-----	-----	-----						
<p>8.0 Maximum lawful rate. (As of filing date. Complete to 3 decimal places.)</p>	<p>DEREGULATED</p>								
<p>9.0 Person responsible for this application:</p>	<p>Donald C. Supcoe Designated Agent</p> <p>Name Title</p> <p><i>Donald C. Supcoe</i> Signature</p> <p>12/14/82 (304) 462-5781</p> <p>Date Application is Completed Phone Number</p>								

Agency Use Only
Date Received by Juris. Agency
DEC. 15 1982
Date Received by FERC

02/16/2024

APR. 1, 1983

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR: Eastern American Energy Corp.

031836

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
82 12 15 -107-021 = 3900
Use Above File Number on all Communications
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 [check] Items not completed - Line No. R1170, 8.0 Derogulated
2. IV-1 Agent [check] Donald C. Supcoe
3. IV-2 Well Permit [check]
4. IV-6 Well Plat [check]
5. IV-35 Well Record [check] Drilling [check] 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? [check]
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? [check] Affidavit Signed [check]
18-28. Other: Survey - Logs - Geological Charts -
Structure Map - 1: 4000 Map - Well Tabulations -
Gas Analyses -
(5) Date commenced: 11-6-82 Date completed 11-10-82 Deepened -
(5) Production Depth: 4532, 4962
(5) Production Formation: Elk, Benson
(5) Final Open Flow: 250 MCF
(5) After Frac. R. P. 1170# 18 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 Report
(5) Oil Production: From Completion Report
-17. Does lease inventory indicate enhanced recovery being done No
-17. Is affidavit signed? [check] Notarized? [check] 02/16/2024
Does official well record with the Department confirm the submitted information? yes
Additional information Does computer program confirm?
Is Determination Objected to By Whom?

7B

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Donald C. Supcoe

ADDRESS P. O. Box N
Glenville, WV 26351

LOCATION Elevation 1121
Watershed Stewarts Creek

Dist Glenville County Gilmer Quad. Glenville 7.5

Gas Purchase
Contract No. NA

Meter Chart Code NA

Date of Contract NA

WELL OPERATOR Eastern American Energy Corporation

ADDRESS P. O. Box N
Glenville, WV 26351

GAS PURCHASER Columbia Gas Transmission Corporation

ADDRESS P. O. Box 1273
Charleston, WV 25325

* * * * *
Date surface drilling began: November 6, 1982

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

The bottom hole pressure of this well is 1301 psig and was calculated by gauging the static surface pressure and using the standard gas deviation formula to extrapolate surface pressure to bottom hole pressure.

BHP = Pw + Pw * e^(GL/53.34T-1)

Pw = 1140
L = 4742
T = 120
G = .75
BHP = 1301

AFFIDAVIT

I, F. H. McCullough, III, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

F. H. McCullough, III

STATE OF WEST VIRGINIA

COUNTY OF Gilmer, TO-WIT:

I, Donald C. Supcoe, a Notary Public in and for the state and county aforesaid, do certify that F. H. McCullough, III, whose name is signed to the writing above, bearing date the 14th day of December, 1982, has acknowledged the same before me, in my county aforesaid.

02/16/2024

Given under my hand and official seal this 14th day of December, 1982.
My term of office expires on the 6th day of November, 1991.

Donald C. Supcoe
Notary Public

(NOTARIAL SEAL)

DEVONIAN SHALE GAMMA RAY LOG ANALYSIS
APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Eastern American Energy Corp. Agent: Donald C. supcoe

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-021-3900 Well Name: J. Fitzpatrick #2

West Virginia Office of Oil and Gas County: Gilmer

References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 130 * API Units
2. Remarks: .

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 130 * API Units
2. Calculation: $\frac{0.7}{0.7} \left(\frac{130}{*} \right) = \underline{91}$ API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
1975	5131	3156	54

Total Devonian Interval 3156

Total Less Than 0.7 (Shale Base) 54

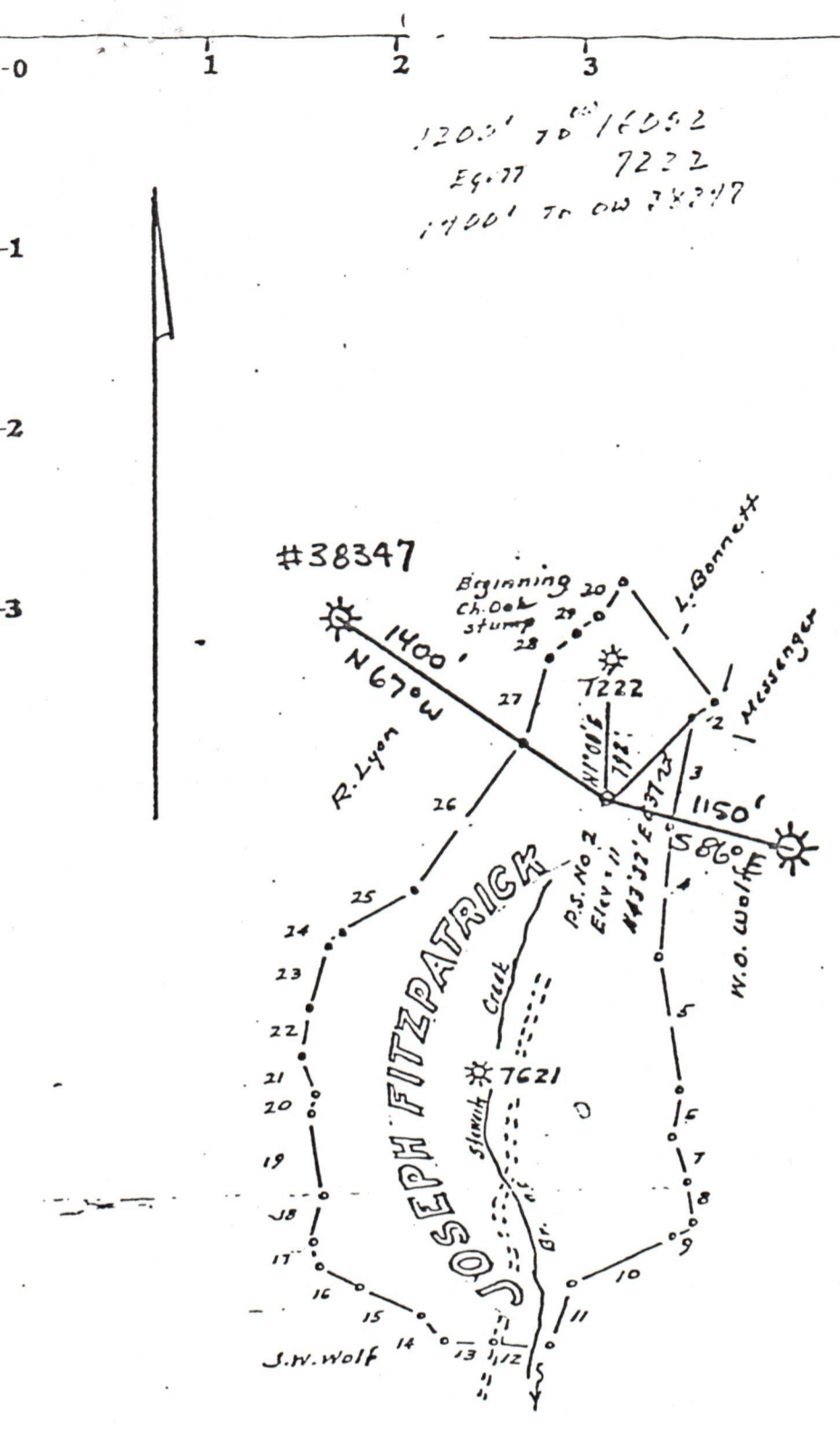
% Less Than 0.7 (Shale Base Line) = $\frac{54}{3156} \times 100 = \underline{1.7}$ %

*Marked on log included with analysis.

**Top of Devonian Section Recorded on First Interval in this Column.

***Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

02/16/2024



LATITUDE 39° 00'

LONGITUDE 80° 45'

Beginning Ch. Oak stump
Clockwise:

1-535E 858	stone
2-558°30'W-132	White Oak
3-519°00'W 610	
4-56°00'W 726	
5-58°00'E 726	
6-513°00'W 264	stone
7-517°00'E 274	Hickory
8-55°00'E 291	
9-552°00'W 148	Red Oak
10-566°30'W 690	White Oak
11-518°00'W 396	
12-N75°W 148	
13-N85°00'W 231	
14-N41°00'W 198	
15-N70°W 346	Black Walnut
16-N64°W 264	stone
17-N15°W 132	stone
18-N7°00'E 279	White Oak
19-N7°30'W 429	Black Oak
20-N14°00'E 123	Ch. Oak
21-N19°30'W 231	
22-N9°00'E 269	White Oak
23-N16°E 371	Hickory
24-N37°30'E 103	
25-N62°E 470	White Oak
26-N35°30'E 1023	
27-N15°E 463	stone
28-N45°E 215	Black Oak
29-N52°E 138	White Oak
30-N54°E 262	Beginning

Minimum Error of Closure 1 in 200'

Source of Elevation Elev Well 7222 = 1169

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Structure.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: M. S. Wolf
Squares: N S E W

Company Pacific States Gas and Oil
 Address P.O. Box 67, Glenville, W. Va.
 Name Joseph Fitzpatrick
 Acreage 128 Acres Lease No. _____
 Well (Farm) No. PS No 2 Serial No. _____
 Elevation (Spirit Level) 1121
 Township Glenville
 County Gilmer District Glenville
 Engineer M. S. Wolf
 State Registration No. 1277 LLS 200
 File No. _____ Drawing No. _____
 Date July 28, 1978 Scale 1" = 1000'

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

WELL LOCATION MAP

FILE NO. 47-021-0216/2024

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.