



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED  
JUL 15 1977  
OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE July 14, 1977

Surface Owner Edward Kroll  
Address Stewarts Creek, Glenville, WV  
Mineral Owner Joseph Fitzpatrick  
Address Gilmer Co. WV  
Coal Owner Mary Heavner  
Address Glenville, WV  
Coal Operator None  
Address

Company Pacific States Gas & Oil, Inc.  
Address P.O. Box 67, Glenville, WV  
Farm J. Fitzpatrick Acres 128  
Location (waters) Stewarts Creek  
Well No. PS 1 Elevation 954  
District Glenville- County Gilmer  
Quadrangle Glenville

**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 11-19-77.

INSPECTOR TO BE NOTIFIED Paul Goodnight  
ADDRESS Smithville, 26178  
PHONE 477-2455--- 477-3660

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Aug. 21 19 05 by J. Fitzpatrick made to J.M. Basaw and recorded on the 15 day of Jan 19 12, in Gilmer County, Book 73 Page 368  
 NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator

Very truly yours,  
(Sign Name)   
Well Operator  
P.O. Box 67  
Glenville WV  
City or Town WV  
State

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten (10) days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

**BLANKET BOND**

GIL-2868 PERMIT NUMBER

47-021

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO  DRILL  DEEPEN  FRACTURE-STIMULATE  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S.W. Jack NAME John Mork  
 ADDRESS Buckhannon WV ADDRESS P.O. Box 67, Glenville, WV  
 TELEPHONE 472-2161 TELEPHONE 462-8118  
 ESTIMATED DEPTH OF COMPLETED WELL: 4900 ROTARY  CABLE TOOLS   
 PROPOSED GEOLOGICAL FORMATION: BENSON Sand  
 TYPE OF WELL: OIL  GAS  COMB.  STORAGE  DISPOSAL   
 RECYCLING  WATER FLOOD  OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	500	500	Surface
7			
5 1/2			
4 1/2	4800	4800	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS unknown  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code. 02/16/2024

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

**RECEIVED**  
JUN - 7 1978  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Glenville

Permit No. GIL-2868

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Pacific States &amp; Oil, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 67, Glenville, W.Va. 26351</u>	Size			
Farm <u>J. Fitzpatrick</u> Acres <u>128</u>	20-16			
Location (waters) <u>Stewarts Creek</u>	Cond.			
Well No. <u>P.S. #1</u> Elev. <u>954</u>	13-10"			
District <u>Glenville</u> County <u>Gilmer</u>	9 5/8			
The surface of tract is owned in fee by <u>Edward Kroll</u>	8 5/8	412	412	Surface
Address <u>Glenville, W.Va.</u>	7			
Mineral rights are owned by <u>Joseph Fitzpatrick</u>	5 1/2			
Address <u>Gilmer Co., W.Va.</u>	4 1/2	4492	4492	225 sks Class "A"
Drilling Commenced <u>9-1-77</u>	3			
Drilling Completed <u>9-5-77</u>	2			
Initial open flow <u>N/A</u> cu. ft. <u>-</u> bbls.	Liners Used			
Final production <u>1,300</u> mcu. ft. per day <u>-</u> bbls.				
Well open <u>4</u> hrs. before test <u>1830</u> RP.				

Well treatment details:

Attach copy of cementing record.

PERF: w/10 - .41" Diameter holes from 4391 - 4396

FRAC: w/ 602 BBl H<sub>2</sub>O; 15 gal. foaming agent; 15,000 lbs. 80/100 sand and 30,000 lbs. 20/40 sand; 800 lbs. Iron sequestering agent; 2500 lbs. KCl, 300 lbs. water gel agent.

Coal was encountered at N/A Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water N/A Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson Depth 4384 - 4410'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	212		
Shale			212	604		
Sand and Shale			604	920		
Shale			920	1478	E Log Top	
Little Lime			1478	1500		
Pencil Cave			1500	1510		
Big Lime			1510	1566		
Big Injun			1566	1662		
Shale			1662	1740		
Weir			1740	1854		
Shale			1854	2470		
5th Sand			2470	2482		
Shale			2482	4384		
Benson			4384	4406		
Shale			4406	4520		

02/16/2024

(over)

\* Indicates Electric Log tops in the remarks section.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

DEPARTMENT OF ENERGY  
OIL AND GAS

APR 1 1988

*[Handwritten signature]*

02/16/2024

Date 4/5 19 18

APPROVED John Mack Owner

By Executive Vice President

(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED  
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OIL & GAS DIVISION  
DEPT. OF MINES

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Deputy Director - Oil & Gas Division

INSPECTOR  
TO BE NOTIFIED Paul Goodnight  
ADDRESS Smithville, 26178  
PHONE 477-2455--- 477-3660

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Aug. 21 1905 by J. Fitzpatrick made to J.M. Basaw and recorded on the 15 day of Jan 1912 in Gilmer County, Book 73 Page 368

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator

Very truly yours,  
(Sign Name) [Signature]  
Well Operator  
P.O. Box 67  
Glenville <sup>Street</sup> WV  
City or Town  
WV  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten (10) days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

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GIL-2868 PERMIT NUMBER  
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Signed by [Signature]

02/16/2024

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 NAME S.W. Jack NAME John Mork  
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 RECYCLING  WATER FLOOD  OTHER

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\_\_\_\_\_  
For Coal Company  
\_\_\_\_\_  
Official Title

**108**

047-021-2868 - FFR 2 8 1979

OIL & GAS DIVISION  
DEPT. OF MINES

108  
Section of NGPA

feet

1.0 API well number:  
(If not available, leave blank. 14 digits.)

2.0 Type of determination being sought:  
(Use the codes found on the front of this form.)

3.0 Depth of the deepest completion location:  
(Only needed if sections 103 or 107 in 2.0 above.)

4.0 Name, address and code number of applicant:  
(35 letters per line maximum. If code number not available, leave blank.)

Pacific States Gas & Oil, Inc. 14358  
Name Seller Code  
P.O. Box 67  
Street  
Glenville, W. Va. 26351  
City State Zip Code

5.0 Location of this well: [Complete (a) or (b).]  
(a) For onshore wells  
(35 letters maximum for field name.)

Glenville  
Field Name  
Gilmer W.VA.  
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 #1

(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.)

Equitable Gas Company #5939  
Name Buyer Code

(b) Date of the contract:

1, 0, 1, 7, 7, 5  
Mo. Day Yr.

(c) Estimated annual production:

11.13 ? MMcf.

7.0 Contract price:  
(As of filing date. Complete to 3 decimal places.)

(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total (b) and (c)
<u>1.510</u>	<u>0.187</u>	---	<u>1.697</u>
<u>2.364</u>	<u>0.280</u>	---	<u>2.544</u>

8.0 Maximum lawful rate:  
(As of filing date. Complete to 3 decimal places.)

9.0 Person responsible for this application:

James C. Recht Designated Agent  
Name Title  
James C. Recht  
Signature  
2/20/79  
Date Application is Completed  
(304) 462-8118  
Phone Number

Agency Use Only  
Date Received by Juris. Agency  
**FEB 28 1979**  
Date Received by FERC

02/16/2024

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: OCT 24 1979

BUYER-SELLER CODE

WELL OPERATOR: Pacific States Gas & Oil, Inc

14358

FIRST PURCHASER: Equitable GAS COMPANY

5939

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

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

790228 - 108 - 021 - 2868

Use Above File Number on all Communications  
Relating to Determination of this Well

*Qualifies F&G Hazy  
New Prod 8/19/80 PL.*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121  Items not completed - Line No. \_\_\_\_\_
- 2 IV-1 - Agent James C. Recht
- 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 79529
- 7 IV-39- Annual Production 1 year 10 mos.
- 8 IV-40- 90 day Production 89 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 ~~Completed~~ Commenced: 9-1-77 Drilling DATE Deepened \_\_\_\_\_  
9-5-77
- (5) Production Depth: Completed: 4384 - 4410
- (5) Production Formation: Benson
- (5) ~~Initial Potential~~ Final Open Flow: 1,300 MCFD
- (5) ~~Static R.P. Initially~~ And R.P.: 1830 #
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production:  $\frac{6901}{365} = 19 \text{ mcf}$ ;  $\frac{688}{365} = 2B$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days:  $\frac{1711}{89} = 19 \text{ mcf}$ ;  $\frac{301}{89} = 3B$
- (8) Line Pressure: 510 # PSIG from Daily Report
- (5) Oil Production: NO From Completion Report \_\_\_\_\_ 02/16/2024
- (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? \_\_\_\_\_

Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

*mk*



Date February 10, 1979

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

Operator's Well No. Pacific States J. Fitzpatrick #1  
API Well No. 47 - 021 - 2868  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL  
NGPA Section 108

DESIGNATED AGENT James C. Recht  
ADDRESS P.O. Box N  
Glenville, West Virginia 26351

WELL OPERATOR Pacific States Gas & Oil, Inc.  
ADDRESS P.O. Box 67  
Glenville, West Virginia 26351

LOCATION: Elevation 954  
Watershed Stewarts Creek  
Dist. Glenville County Gilmer Quad. Glenville

GAS PURCHASER Equitable Gas Company  
ADDRESS 420 Blvd. of The Allies  
Pittsburgh, Pennsylvania 15219

Gas Purchase Contract No. ~~2-43-25-217199~~ 6645-B  
Meter Chart Code ~~10/17/75~~ 2-43-25-217199  
Date of Contract 10/17/75

\* \* \* \* \*  
Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

Standard oil field wellhead consisting of wellhead, tubing head, transition fitting, ball valve, check valves, assorted ells, tees, nipples, bull plugs, unions, separator and 100 BBL tank.

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:

- Equitable Gas Company Monthly Gas Purchase Statement:  
Available at Corporate Office of Well Operator  
Available at Corporate Office of Gas ~~Producer~~ Purchaser
- West Virginia Annual Business and Occupation Tax Return:  
Available at Corporate Office of Well Operator  
Available at West Virginia State Tax Department
- Royalty Records:  
Available at Corporate Office of Well Operator
- Well Tending Records:  
Available at Corporate Office of Well Operator

02/16/2024

Describe the search made of any records listed above:

1. Monthly Gas Purchase Statement: Examination of all Gas Purchase Records to determine the daily average rate of flow and sales of Natural Gas over the period of production indicated on the Gas Purchase Statement.
2. West Virginia Annual Business and Occupation Tax Return: Examination of Tax Records and comparison of Production Volumes and Sales with that reflected on Monthly Gas Purchase Statement so as to insure accuracy of tax filings.
3. Royalty records: Examination of Royalty Records and comparison of Percentage Payments to Royalty Owners, where applicable, to Monthly Production and Monthly Production Payments as recorded on Monthly Gas Purchase Statements.
4. Well Tending Records: Review of the weekly well tending reports.

68  
12  
17

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

AFFIDAVIT

I, JOHN MORRIS, 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 certification is sought qualifies as a stripper well.

[Signature]

STATE OF WEST VIRGINIA.

COUNTY OF Gilmer TO WIT

I, James C. Seibert, a Notary Public in and for the state and county aforesaid, do certify that John Morris, whose name is signed to the writing above, bearing date

the 20 day of February, 1979, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 20 day of February, 1979.

My term of office expires on the 15 day of January, 1989.

James C. Seibert 02/16/2024  
Notary Public

[NOTARIAL SEAL]

IV-39-WC

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

047-021-2868

API FARM I J. FITZPATRICK #1

COUNTY Gilmer AVG. FLOW PRESSURE 510

SHUT-IN PRESSURE

TOTALS

GAS MFC	1352	1466	817	869	984	594	859	200	210	485	885
OIL DBL	0	0	0	0	0	0	0	0	0	0	0
DAYS ONLINE	22	35	28	29	34	28	35	29	27	30	1332.3

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

ANNUAL REPORT OF MONTHLY PRODUCTION -  
GAS VOLUMES IN MFC @ 14.73  
OIL IN BARRELS @ 60 DEGREES  
OPERATOR I

1979  
REPORT NO. CGA101P1 PG 00002  
CURRENT DATE - 12/19/78  
REPORT DATE - 12/19/78

ANNUAL REPORT OF MONTHLY PRODUCTION-1978  
GAS VOLUMES IN MFC @ 14.73  
OIL IN BARRELS @ 60 DEGREES  
OPERATOR I

1978  
REPORT NO. CGA101P1 PG 00002  
CURRENT DATE - 12/19/78  
REPORT DATE - 12/19/78

RECEIVED  
AUG 18 1980  
OIL & GAS DIVISION  
DEPT. OF MINES

API FARM I	COUNTY I	AVG. FLOW PRESSURE 500	SHUT-IN PRESSURE	TOTALS									
GAS MFC	522	333	242	680	648	545	599	643	432	502	448	457	6611
OIL DBL	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS ONLINE	32	32	32	31	32	29	31	31	26	35	28	31	687.6

SUMMARIZATION SCHEDULE  
Section 271. 804 (b)

In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

210  
485  
522  
1717

02/16/2024

JAN 15 1982

1.0 API well number: (If not available, leave blank. 14 digits.)	47-021-2868			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA		T Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4521 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Pacific States Gas & Oil, Inc. Name P. O. Box 67 Street Glenville City		WV State	14358 Seller Code 26351 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Glenville Field Name Gilmer County		JAN 15 1982 OIL & GAS DIVISION DEPT. OF MINES	
(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 #1			
(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.)	Equitable Gas Company Name		5939 Buyer Code	
(b) Date of the contract:	10 11 75 Mo. Day Yr.			
(c) Estimated annual production:	11.13 MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU) 1.510	(b) Tax -----	(c) All Other Prices [Indicate (+) or (-).] -----	(d) Total of (a), (b) and (c) -----
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	D E R E G U L A T E D			
9.0 Person responsible for this application:	Donald C. Supcoe Name Designated Agent Title Signature 12/31/81 Date Application is Completed 304-462-7744 Phone Number			

JAN 15 1982  
 OIL & GAS DIVISION  
 DEPT. OF MINES

JAN 15 1982  
 OIL & GAS DIVISION  
 DEPT. OF MINES

Agency Use Only  
 Date Received by Juris. Agency  
**JAN 15 1982**  
 Date Received by FERC

DATE: MAY 31 1982

BUYER-SELLER CO

PARTICIPANTS:

WELL OPERATOR: Pacific States Gas Oil, Inc.

014358

FIRST PURCHASER: Equitable Gas Co.

005939

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

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

92 0115-107-021-2868

Use Above File Number on all Communications  
Relating to Determination of this Well

*checked 658 30  
wrong affidavit on 1055 WC*

*Deferred for a correct EV-55  
Q. J. Huggins*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121  Items not completed - Line No. 7.0 b.c.d, 8.0 Deregulation

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: 9-1-77 Date completed 9-5-77 Deepened \_\_\_\_\_

(5) Production Depth: 4384-4410

(5) Production Formation: Benson

(5) Final Open Flow: 1300 MCF

(5) After Frac. R. P. 1830 # 4 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 Re

(5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_

0-17. Does lease inventory indicate enhanced recovery being done NO

0-17. 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? \_\_\_\_\_

as Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

5

Operator's Well No. J. Fitzpatrick #

API Well No. 47 - 021 - 2868  
State West Virginia County Putnam

Previous File No. (If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Pacific States Gas & Oil, Inc.

DESIGNATED AGENT Donald C. Supcoe

ADDRESS P. O. Box 67  
Glenville, WV 26351

ADDRESS P. O. Box N  
Glenville, WV 26351

Gas Purchase Contract No. 6645-B and Date October 17, 1975  
(Month, day and year)

Meter Chart Code 2-43-25-217299-1

Name of First Purchaser Equitable Gas Company  
420 Boulevard of the Allies  
(Street or P. O. Box)  
Pittsburgh, PA 15219  
(City) (State) (Zip Code)

FERC Seller Code 14358

FERC Buyer Code 5939

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 107 Section of NGPA 1 Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

F.H. McCullough, III Vice President  
Name (Print) Title

[Signature]  
Signature

P. O. Box 67  
Street or P. O. Box

Glenville, WV 26351  
City State (Zip Code)

(304) 462-7744/462-5781  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

I hereby certify that on the 31<sup>ST</sup> day of December, 1981, I served FERC 121, together with Form IV-48WC, State Application for Well Certification, with attachm upon Equitable Gas Company, by depositing true copies thereof in the United States mail postage prepaid, in an envelope addressed to Equitable Gas Company 420 Blvd. of the A1 Pittsburgh, Pennsylvania 15219.

[Signature]  
Donald C. Supcoe  
Designated Agent

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request  for certification of the above described well as meeting the requirements of Section 107 under the Natural Gas Policy Act of 1978. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 106 of (NGPA)

All interested parties are hereby notified that on the     day of    , 19    , at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No.    

Initial review of information submitted indicates the well  is  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JAN 15 1982

Date received by  
Jurisdictional Agency

By [Signature]  
Title 02/16/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OIL AND GAS DIVISION

Date December 31, 1981

Operator's  
Well No. J. Fitzpatrick #

API Well No.

47 - 021 - 2868  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

WELL OPERATOR Pacific States Gas & Oil, Inc.  
ADDRESS P. O. Box 67  
Glenville, WV 26351  
GAS PURCHASER Equitable Gas Company  
ADDRESS 420 Boulevard of the Allies  
Pittsburgh, PA 15219

DESIGNATED AGENT Donald C. Supcoe  
ADDRESS P. O. Box N  
Glenville, WV 26351  
LOCATION Elevation 954'  
Watershed Stewarts Creek  
Dist. Glenville County Gilmer Quad. Glenville  
Gas Purchase Contract No. 6645-B  
Meter Chart Code 2-43-25-217199-1  
Date of Contract October 17, 1975

\* \* \* \* \*  
Date surface drilling began: September 1, 1977

Indicate the bottom hole pressure of the well and explain how this was calculated.  
The bottom hole pressure of this well is 1554 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.

$$BHP = P_w + P_w \cdot e^{(GL/53.34T-1)}$$

$P_w = \frac{1375}{L = 4393.5}$   
 $T = 120$   
 $G = .75$   
 $BHP = 1554$

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 31st day of December, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 31st day of December, 1981.  
My term of office expires on the 6th day of November, 1991.

(NOTARIAL SEAL)

Donald C. Supcoe  
Notary Public

LATITUDE 39 00

Approved for production below the base of the Big Injun. See attached Letter Agreement dated July 26, 1977

OK  
S.M. Linger  
August 4, 1977

# JOSEPH FITZPATRICK

Equitable No. 7621

P.S. No. 1  
Elev: 954

Minimum Error of Closure 1 in 200

Source of Elevation Elev Equitable No 7621 = 897

30' MAP	TOPO
INDEX CARD	O.S.W. BOOK
MAP REF.	

- Fracture
- New Location
- Drill Deeper
- Abandonment

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 rule and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Mitchell J  
Squares: N S E W

Company PACIFIC STATES GAS & OIL  
 Address P.O. Box 67, Glenville, West Va.  
 Farm Joseph Fitzpatrick  
 Tract \_\_\_\_\_ Acres 178 Lease No. 8016  
 Well (Farm) No. PS No. 1 Serial No. Dist. # 6645-E  
 Elevation (Spirit Level) 954  
 Quadrangle Glenville T1/4 NE 2-4  
 County Gilmer District Glenville  
 Engineer Mitchell J  
 Engineer's Registration No. 1227 LLS 200  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

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

**WELL LOCATION MAP** 02/16/2024  
 FILE NO. 47021-2868

+ 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 squares on border line of adjacent map.





RECEIVED  
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  
March 1, 1984

COMPANY Pacific States Gas & Oil  
P. O. Box 67  
Glenville, West Virginia 26351

PERMIT NO 021-2868 (7-19-77)  
FARM & WELL NO Joseph Fitzpatrick #1  
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 Strenght		
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 Blackworth  
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. L. ...  
-Oil & Gas Division

April 2, 1986

DATE

DEPARTMENT OF ENERGY  
OIL AND GAS



APR 1 1988

UNITED STATES OF AMERICA  
DEPARTMENT OF ENERGY  
WASHINGTON, D.C. 20585

*[Handwritten signature]*

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

RECEIVED

SEP - 7 1977

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 611-2868

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Pacific States Gas &amp; Oil Inc</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>J. Fitzpatrick</u>	13			
Well No. <u>PS-1</u>	10			Size of _____
District <u>Glenville</u> County <u>Gilmer</u>	8 1/4 <u>8 5/8</u>		<u>402</u>	
Drilling commenced <u>9-1-77</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>402</u> No. FT. _____ Date _____ <u>Com to Surface 120 SKS</u>			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Dowell</u>			
Fresh water <u>210</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>240</u> FEET <u>48</u> INCHES			
Salt water _____ feet _____ feet	<u>340</u> FEET <u>120</u> INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Johnson - T.P.

Remarks: Cont - S.W. JACK - Rotary - Air

SURFACE Csg Job Comp - 9:00 Am

9-2-77

DATE

[Signature] 02/16/2024  
DISTRICT WELL INSPECTOR

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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED  
JUN - 7 1978  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Glenville

Permit No. GIL-2868

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Pacific States &amp; Oil, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 67, Glenville, W.Va. 26351</u>	Size			
Farm <u>J. Fitzpatrick</u> Acres <u>128</u>	20-16			
Location (waters) <u>Stewarts Creek</u>	Cond.			
Well No. <u>P.S. #1</u> Elev. <u>954</u>	13-10"			
District <u>Glenville</u> County <u>Gilmer</u>	9 5/8			
The surface of tract is owned in fee by _____ <u>Edward Kroll</u>	8 5/8	412	412	Surface
Address <u>Glenville, W.Va.</u>	7			
Mineral rights are owned by <u>Joseph Fitzpatrick</u>	5 1/2			
_____ Address <u>Gilmer Co., W.Va.</u>	4 1/2	4492	4492	225 sks Class "A"
Drilling Commenced <u>9-1-77</u>	3			
Drilling Completed <u>9-5-77</u>	2			
Initial open flow <u>N/A</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>1,300</u> mcu. ft. per day _____ bbls.				
Well open <u>4</u> hrs. before test <u>1830</u> RP.				

Well treatment details:

Attach copy of cementing record.

PERF: w/10 - .41" Diameter holes from 4391 - 4396

FRAC: w/ 602 BB1 H<sub>2</sub>O; 15 gal. foaming agent; 15,000 lbs. 80/100 sand and 30,000 lbs. 20/40 sand; 800 lbs. Iron sequestering agent; 2500 lbs. KCl, 300 lbs. water gel agent.

Coal was encountered at N/A Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water N/A Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson Depth 4384 - 4410'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	212		
Shale			212	604		
Sand and Shale			604	920		
Shale			920	1478		E Log Top
Little Lime			1478	1500		
Pencil Cave			1500	1510		
Big Lime			1510	1566		
Big Injun			1566	1662		
Shale			1662	1740		
Weir			1740	1854		
Shale			1854	2470		
5th Sand			2470	2482		
Shale			2482	4384		
Benson			4384	4406		
Shale			4406	4520		

02/16/2024

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

02/16/2024

Date 4/5 19 78

APPROVED John Mark Owner

By Executive Vice President  
(Title)