



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED
JUL - 5 1978

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION *PK*

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

DATE June 27, 1978

Surface Owner Rex and Lauren Hardman
Address Glenville, WV 26351
Mineral Owner Clara E. Simon et al
Address Glenville, WV 26351
Coal Owner S.C. Simmons or his assigns
Address Glenville, WV 26351
Coal Operator None
Address _____

Company Pacific States Gas & Oil, Inc.
Address P.O. Box 67, Glenville, WV
Farm S.C. Simmons Acres 166
Location (waters) Stewart's Creek 1130'±
Well No. P.S. #2 Elevation 1047 feet
District Glenville County Gilmer
Quadrangle Glenville NE

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 11-5-78.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, WV
PHONE 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 Sept. 9 1905 by S.C. Simmons made to J.M. Bason and recorded on the 15 day of January 1912, in Gilmer County, Book 73 Page 395

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) [Signature]
Well Operator
Post Office Box 67
Street
Glenville,
City or Town
West Virginia 26351
State

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten (10) days 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-3215 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 [Signature]

02/16/2024

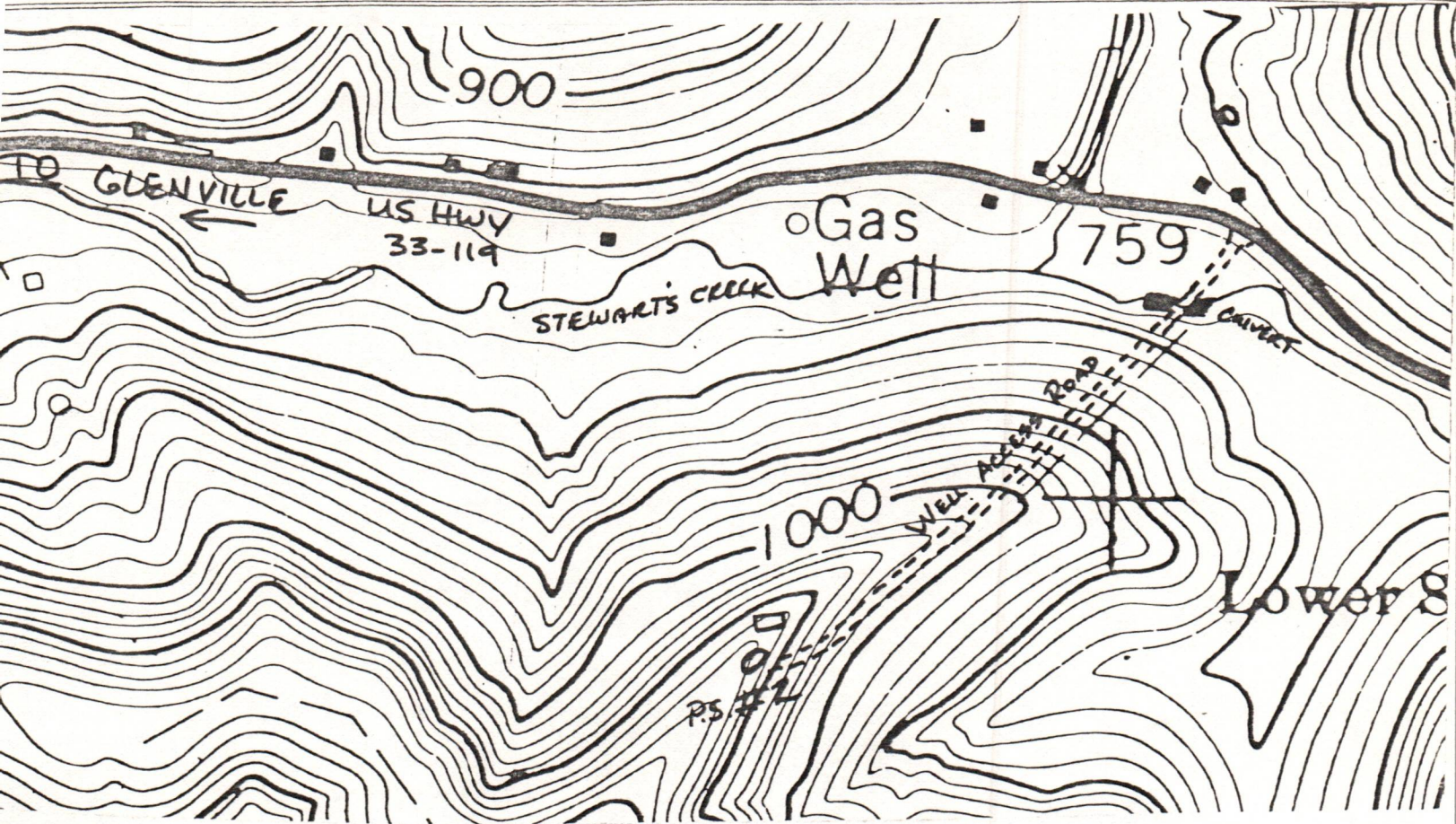
RECLAMATION PLAN

WELL NO. P.S. #2

QUADRANGLE Glenville, NE

SCALE 1" = 500'

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME Pacific States Gas & Oil, Inc.

PERMIT NO. Gil. 3215

FARM S.C. Simmons

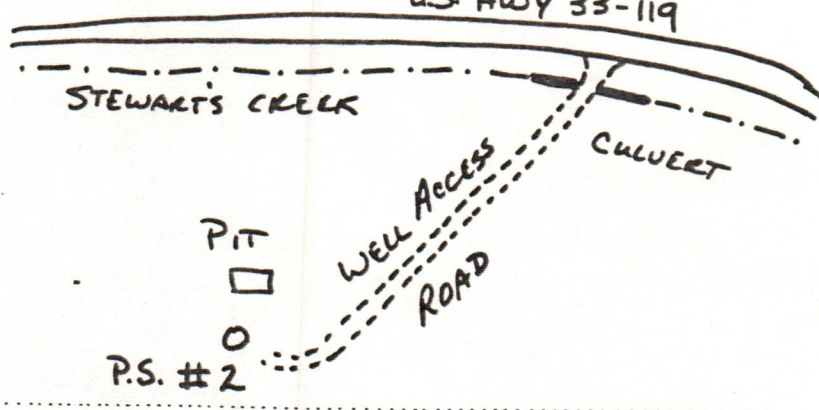
DISTRICT Glenville

COUNTY Gilmer

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

Well location and access road banks to be graded and hydroseeded. Pits to be filled and graded as nearly as possible to original contour.



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DEPT. OF MINES

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

02/16/2024

Please indicate () "YES" if the district inspector was present.

"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."

Submitted By: [Signature] Title Executive Vice President Date 6/26/78



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

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NOV 13 1978

OIL & GAS DIVISION
DEPT. OF MINES

- Rotary
- Oil
- Gas X
- Comb.
- Storage
- Water Flood
- Disposal

Quadrangle Glenville 7 1/2
Permit No. GII-3215

02/16/2024

Company Pacific States Gas & Oil, Inc.
Address P.O. Box 67, Glenville, WV
Farm S.C. Simmons
Acres 166
Location (waters) Stewarts Creek
Well No. P.S. #2
Elev. 1047
District Glenville County Gilmer
The surface of tract is owned in fee by Rex and Lauren Hardman
Address Glenville, WV
Mineral rights are owned by Glara Simon
Address Glenville, WV
Drilling Commenced 7/14/78
Drilling Completed 7/19/78
Initial open flow N/A cu. ft. N/A bbls.
Final production 1500 M cu. ft. per day N/A bbls.
Well open 4 hrs. before test 1850 RP.
Well treatment details:

Attach copy of cementing record.

Trac: 750 gal 15% HCL 530 BRL H2O 30,000 lbs. 80/100 sand, 30,000 lbs. 20/40 sand
15 gal F-52, 15 gal Freflo 2500 lbs KCL, 500 lbs. J-266 gel

Coal was encountered at _____ Feet
Fresh water _____ 83' Feet
Producing Sand Devonian Shale: Benson 4464-4486 Depth _____ Feet

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	50		
Sand and Shale			50	83		
Shale and Sand			83	105		
Red Rock			105	112		
Sand & Shale			112	140		
Red Rock			140	202		
Shale and Sand			202	285		
Red Rock			285	325		
Shale and Sand			325	1583		
Little Lime			1583	1614		Top E Log @ 1551'
Pencil Cave			1614	1627		
Big Lime			1627	1690		
Keener			1690	1726		
Big Injun			1726	1784		
Shale			1784	1856		
Weir			1856	1993		
Shale			1993	4464		
Benson			4464	4486		
Shale			4486	4630		
Shale			4630	4630		
Elk			4630	4930		
Shale			4930	5008		
TD			5008			

* Indicates Electric Log tops in the remarks section.

(over)

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

02/16/2024

Date November 7, 1978

APPROVED

John Mark

By Executive Vice President

Owner

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

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JUL 17 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 6-1-3215

Oil or Gas Well _____
(KIND)

Company Address Farm Well No. District County Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Pacific States Gas & Oil Inc</u>	16			
<u>S. C. SIMMONS</u>	13			
<u>P. S # 2</u>	10			Size of
<u>Glenville</u> <u>Colmer</u>	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 Johnson - T.P

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

Permit - O.K.

7-13-78
DATE

[Signature] - 505
DIRECTOR

02/16/2024

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DEPARTMENT OF ENERGY
OIL AND GAS



APR 1 1986

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 7, 1984

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

PERMIT NO 021-3215 (7-5-78)
FARM & WELL NO S. C. Simmons #2
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 Luckworth
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. v. B. B.
~~Assistant~~ Oil & Gas Division

April 2, 1986
DATE

RECEIVED
FEB 28 1979
 OIL & GAS DIVISION
 DEPT OF MINES
 Category Code
 14358
 Seller Code

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

047-021-3215

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

107
 Section of NGPA

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

5008

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, W.Va. 26351
 City State Zip Code

14358
 Seller 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.)

S.C. SIMMONS #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.)

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:

55.0 MMcf.

	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (-) or (-).)	(d) Total (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	1.510	0.187	---	1.697
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.166	0.261	---	2.377

9.0 Person responsible for this application:

James C. Recht Designated Agent
 Name Title

James C. Recht
 Signature

2/22/79
 Date Application is Completed

(304) 462-8118
 Phone Number

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

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: _____

*Deferred for definition of American Shale
Part 1 (over)*

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790228 - 107 - 021 - 3215
Use Above File Number on all Communications
Relating to Determination of this Well

*Qualifies Per Cause 8
order 1 J. H. Huggins*

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 _____
- 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) - 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: 7-14-78 Drilling FRAC'D: 7-19-78 DATE Deepened _____
- (5) Production Depth: 4464 - 4486
- (5) Production Formation: Benson
- (5) ~~Initial Potential~~ FINAL OPEN FLOW: 1500 mCFD
- (5) ~~Static R.P. Initially~~ FINAL ROCK PRESSURE: 1850 #
- (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: NO 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? _____ MK

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

Date February 10, 1979

Operator's Well No. PACIFIC STATES
S.C. SIMMONS #2

API Well No. 47 - 021 - 3215
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL

NGPA Section 107

DESIGNATED AGENT James C. Recht

ADDRESS P.O. BOX 67

Glenville, West Virginia 26351

WELL OPERATOR Pacific States Gas & Oil, Inc

LOCATION: Elevation 1047

ADDRESS P.O. Box 67

Watershed Stewarts Creek

Glenville, W.VA. 26351

Dist. Glenville County Gilmer Quad. Glenville

GAS PURCHASER Equitable Gas Company

Gas Purchase Contract No. 6645-B

ADDRESS 420 Boulevard of the Allies

Meter Chart Code 2-43-25-227999-1

Pittsburgh, Pa. 15219

Date of Contract 10/17/75

* * * * *

Date surface drilling began: 7/14/78

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

The bottom hole pressure of this well is 2072 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.

AFFIDAVIT

I, John Mork, having been first sworn according to law, state that, surface drilling of the well for which this determination is sought was begun after February 19, 1977, the well completion location is in the Devonian Shale section and I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

John Mork
John Mork

STATE OF WEST VIRGINIA,
COUNTY OF Gilmer, TO WIT:

I, James C. Recht, a Notary Public in and for the state and county aforesaid, do certify that John Mork, whose name is signed to the writing above, bearing date the 10 day of February, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 22 day of February, 1979.
My term of office expires on the 15 day of January, 1989

James C. Recht
Notary Public

[NOTARIAL SEAL]

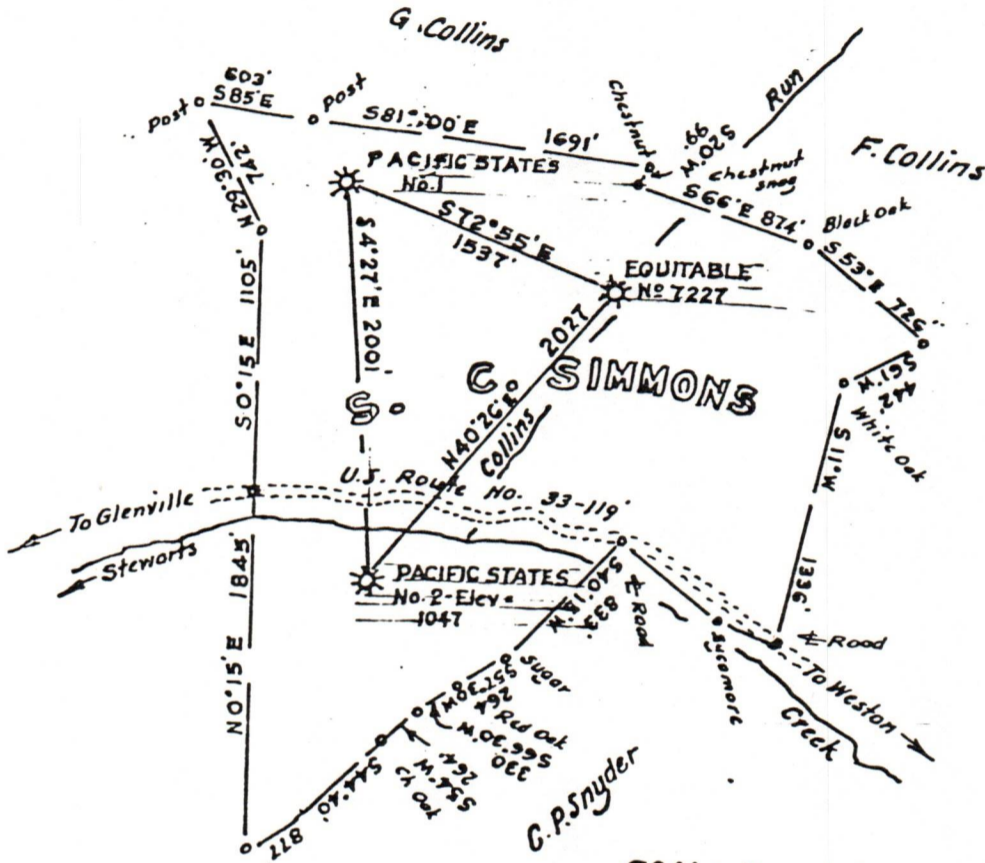
02/16/2024

LATITUDE 39° 00'

DEPARTMENT OF MINES

Oil and Gas Division

LONGITUDE 80° 47' 30"



GOAL: - No coal mined in this area.

SURFACE: - Rex and Lauren Hardman
Route 71, Box 9 B, Glenville, W.Va.

Minimum Error of Closure 1 in 200

Source of Elevation Elev. P.S. No. 1 = 1180'

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.

Signed: [Signature]

Map No.

Squares: N S E W

Company PACIFIC STATES GAS & OIL
 Address P.O. Box 67, Glenville, W.Va.
 Name S. C. Simmons
 Acres 168 Lease No. _____
 Well (Farm) No. P.S. No. 2 Serial No. _____
 Elevation (Spirit Level) 1047'
 Quadrangle Glenville 7 1/2'
 County Gilmer District Glenville
 Engineer [Signature]
 Engineer's Registration No. 1771 115200
 Date June 26, 1978 Scale 1" = 1000'

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

WELL LOCATION MAP

FILE NO. 47-021-3215 02/16/2024

+ 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.