

Minimum Error of Closure 1 in 200

Source of Elevation Equitable Well No. 7207 (shown) : 880

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.

Fracture
 New location
 Drill Deeper
 Abandonment - 12-7-73

Signed: W. M. [Signature]
 Squares: N S E W

Company Pacific States Gas & Oil, Inc.
 Address P.O. Box 67, Glenville, W. Va.
 Farm Glenville Collins
 Tract Acres 324.25 Lease No. _____
 Well (Farm) No. 182 (Revised) Serial No. _____
 Elevation (Spirit Level) 847
 Quadrangle Glenville NE
 County Gilmer District Glenville
 Engineer W. M. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 20, 1973 Scale 1" = 800'

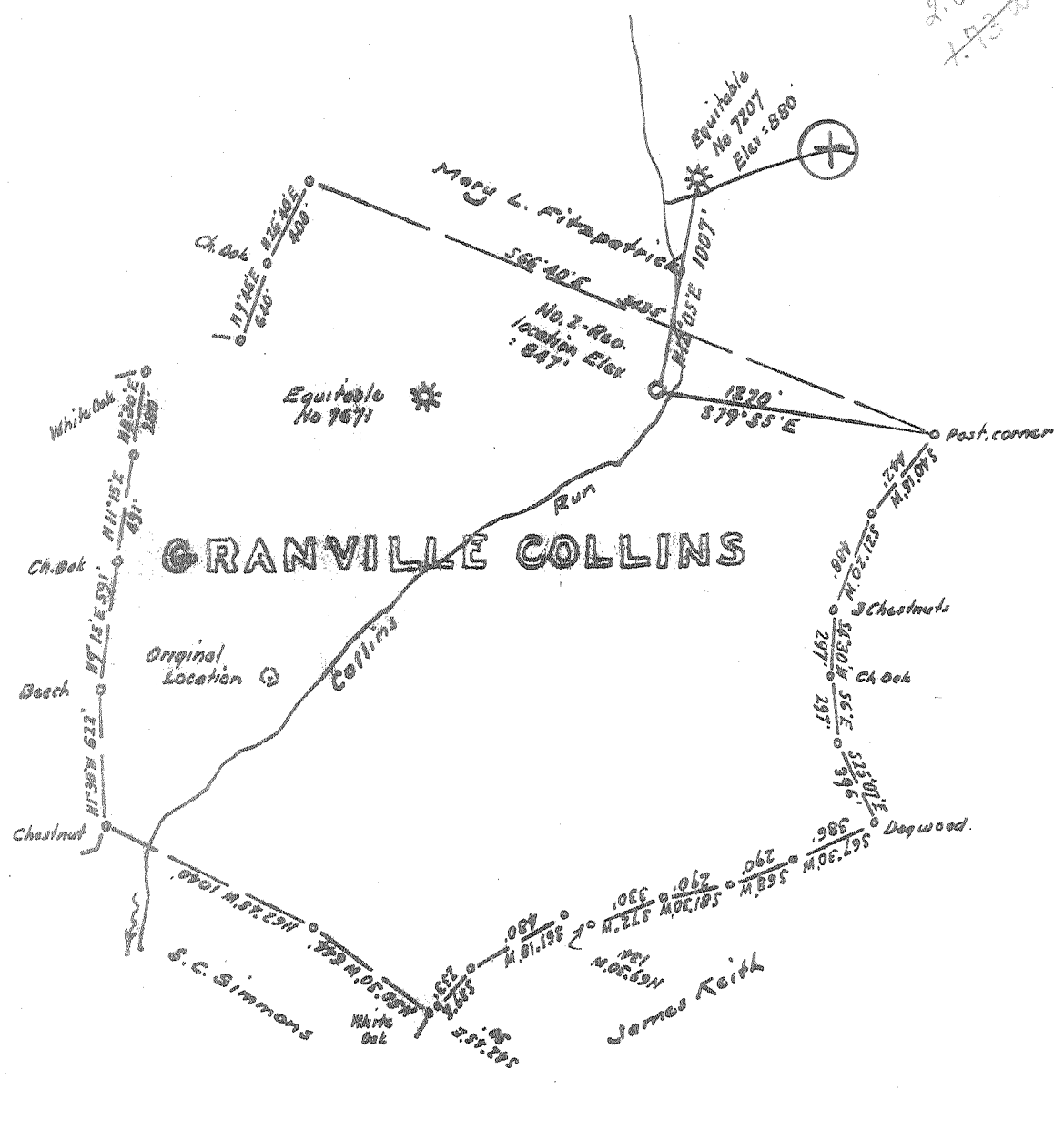
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. GIL-2371-Rev. -P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

2,035
+ 1,730



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Signed: [Signature]
Squares: N S E W

Company Pacific States Gas & Oil, Inc.
 Address P.O. Box 57, Glauville, W. Va.
 Farm Glauville Collins
 Tract Acres 304.28 Lease No. _____
 Well (Farm) No. Two (Revised) Serial No. _____
 Elevation (Spirit Level) 847
 Quadrangle Glauville NE
 County Gilmer District Glauville
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 20, 1973 Scale 1" = 800'

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

WELL LOCATION MAP
FILE NO. GIL-2371-Rev.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Glen
Permit No. Gil - 2371 Rev P

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ D.G.M.
(Kind)

Company Pacific States Gas & Oil, Inc.
Address Box 67, Glenville, W. Va. 26351
Farm Granville Collins Acres 304
Location (waters) Stewart Creek
Well No. 2 Elev. 847
District Glenville County Gilmer
The surface of tract is owned in fee by Clark R. James and C. F. Stalnaker
Address Glenville, W. Va. 26351
Mineral rights are owned by Granville and V. M. Collins Address Glenville, W. Va. 26351
Drilling Commenced September 25, 1973
Drilling Completed December 7, 1973
Initial open flow none cu. ft. _____ bbls.
Final production none cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Surface
Cond. 13-10"	189	XX	
9 5/8			40 sks
8 5/8	2148	XX	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:
Dry hole

Attach copy of cementing record.

Coal was encountered at none Feet _____ Inches _____
Fresh water none Feet _____ Salt Water _____ Feet _____
Producing Sand dry Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red rock			0	250		
Slate and shells			250	1100		
Shale			1100	1540		
Sand			1540	2100		
Shale			2100	6500		E Log Top
Sand			6500	6700		Hunt. + Orisk
Shale			6700	7192		Held + Salina

T.D. ^{0-50'} stratigraphically above the T.D. in Gil-2222, and ^{750'} strat. above the T.D. in Gil 2354.
- Approx. top of Salina salt or top of Salina-base Held.

* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 18 1973

OIL & GAS DIVISION
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 9/13/73

Surface Owner Clark R. James & C. F. Stalnaker

Company Pacific States Gas & Oil, Inc.

Address Glenville, West Virginia

Address Box 67, Glenville, West Virginia

Mineral Owner Granville Collins & V. M. Collins his wife

Farm Granville Collins Acres 304

Address P. O. Glenville, West Virginia

Location (waters) Collins Run

Coal Owner NONE

Well No. Two Elevation 797'

Address _____

District Glenville County Gilmer

Coal Operator NONE

Quadrangle Glenville

Address _____

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 1-18-74.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Robert Bates
Weston, wva PH: 269-4846

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 August 22, 1905 by Granville Collins made to J. M. Basom and recorded on the 15th day of January 1912, in Gilmer County, Book 73 Page 375

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.

Very truly yours,

(Sign Name) PACIFIC STATES GAS & OIL, INC.

Well Operator [Signature]
Address of Well Operator Box 67 Street
Glenville City or Town
West Virginia State

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten 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.

Gil-2371 PERMIT NUMBER

Survey

47 021

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT:
 NAME _____ NAME John Mork
 ADDRESS _____ ADDRESS Box 67, Glenville, West Va.
 TELEPHONE _____ TELEPHONE 462-8118
 ESTIMATED DEPTH OF COMPLETED WELL: 30,000 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Tuscarora
 TYPE OF WELL: OIL _____ GAS X 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.
<u>X</u> - 16	500'	500'	To Surface
13 - 10			
9 - 5/8			
8 - 5/8			
7	7,500'	7,500'	To Surface
5 1/2	10,000'	10,000'	To Surface
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET NONE SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS NONE
 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.

For Coal Company

Official Title