



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAY 31 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Per

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

DATE May 31, 1977
Company Pacific States Gas & Oil, Inc.
Address P.O. Box 67, Glenville, WV
Farm E.C. Hess Acres 179
Location (waters) Jakes Run
Well No. Two Elevation 1257
District Glenville County Gilmer
Quadrangle Glenville 7 1/2

Surface Owner G.S.C Alumni Foundation
Address Glenville, W.V.
Mineral Owner E.C. Hess et al
Address Gilmer County, W.V.
Coal Owner E.C. Hess et al or his assigns
Address Gilmer County, W.V.
Coal Operator NONE
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 10-1-77.

INSPECTOR
TO BE NOTIFIED Baul Goodknight
ADDRESS Smithville, W.V. 26178
PHONE 477-2455

Robert H. ...
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 May 14 1952 by E.C. Hess made to Equitable Gas Co. and recorded on the 14 day of August 1952, in Gilmer County, Book 177 Page 195

XX 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) *B. Goodknight* Well Operator
P.O. Box 67
Glenville
West Virginia 26351

02/16/2024

*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.

BLANKET BOND

GIL-2828 PERMIT NUMBER

"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 *Bob Mark*

47-021

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S.W. Jack Drilling NAME John Mork
 ADDRESS Buckhannon, W.V. 26201 ADDRESS P.O. Box 67, Glenville, W.V. 26351
 TELEPHONE 472-2161 TELEPHONE 462-8118
 ESTIMATED DEPTH OF COMPLETED WELL: 4800 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION Benson Sand
 TYPE OF WELL: OIL _____ GAS XX 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 200 sks
7			
5 1/2			
4 1/2	4800	4800	200 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 100 ft.
 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.

8585-J18

ISO-74

For Coal Company

Official Title

02/16/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

OCT - 3 1977

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 7

Quadrangle Glenville 7½
Permit No. Gil 2828

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

Company Pacific States Gas & Oil, Inc.
Address PO Box 67, Glenville, WV 26351
Farm E.C. Hess Acres 179
Location (waters) Jake's Run
Well No. PS 2 Elev. 1257
District Glenville County Gilmer
The surface of tract is owned in fee by G.S.C
Alumni Foundation
Address Glenville, WV
Mineral rights are owned by E.C. Hess et al
Address Gilmer Co. WV
Drilling Commenced 6/2/77
Drilling Completed 6/7/77
Initial open flow N/A cu. ft. _____ bbls.
Final production 560,000 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			
Cond.			
13-10"			
9 5/8			
8 5/8	529	529	Surface
7			
5 1/2			
4 1/2	4955	4955	100 sks class "A"
3			
2			
Liners Used			

Well treatment details:
Perf. w/ 3½ Glass Jets 4854-58 (4) 64-68 (6)
Frac. w/ 674 BBLs H2O / 250 # J-209 / 15 gal F-52/ 15 gal Fre Flo/ 40,000 #20/40 Sand
500 gal HCL

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water 180 Feet _____ Salt Water _____ Feet _____
Producing Sand Benson Depth 4850-72

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sod- Clay			0	23		
Sand			23	83		
Red Rock			83	210	*water	
Shale			210	333		
White Sand			333	410		
Shale			410	453		
Slate- Shale			453	486		
White Sand			486	557		
Sandy-Shale			557	712		
Shale			712	880		
Sand			880	983		
Shale			983	1012		
Salt Sand			1012	1212		
Shale			1212	1303		
Salt Sand			1303	1410		
Shaley-Sand			1410	1486		
Salt Sand			1486	1588		
Sandy Shales			1588	1930		
Maxton			1930	1954		
Shale			1954	1980		
Little Lime			1980	2018		
Pencil Cave			2018	2025		
Big Lime			2025	2076		
Keener			2076	2134		

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
Injun			2134	2204		
Shale			2204	2230		
Weir			2230	2358		
Shale-Sand			2358	2964		
5th Sand			2964	2982		
Shaley Sand			2982	4549		
Benson			4549	4870		* Gas Show
Shale			4870	4991		

02/16/2024

Date September 12, 1977 19

APPROVED _____ Owner

By Executive Vice President

(Title)

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

RECEIVED
JUN - 8 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 611-2828

Oil or Gas Well: _____
(KIND)

Company <u>Pacific States Gas & Oil Inc</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>E. C. Hess</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>Glenville</u> County <u>Gilmer</u>	10		<u>521</u>	Size of _____
Drilling commenced <u>6-1-77</u>	8 1/4 <u>8 3/8</u>			
Drilling completed <u>6-5-77</u> Total depth <u>4925</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>521</u> No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	<u>Conn to Super</u> <u>120 585</u>			
Salt water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Johnson

Don V - S.W. JACK Rotary - Air

Remarks:

Running 4 1/2 Csg

Benson - 4850 - 73

4/10 - W - 1" - 2100'

6-6-77

DATE

[Signature]

DISTRICT WELL INSPECTOR

02/16/2024

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: _____

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

02/16/2024
DISTRICT WELL INSPECTOR



RECEIVED
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
February 29, 1984

COMPANY Pacific States Gas & Oil, Inc. PERMIT NO 021-2828 (6-1-77)
P. O. Box 67 FARM & WELL NO E.C. Hess #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 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 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.L. ...
Administrator - Oil & Gas Division
April 2, 1986
DATE



APR 1 1988

TO: [Illegible]

FROM: [Illegible]

SUBJECT: [Illegible]

DATE: [Illegible]

TIME: [Illegible]

PLACE: [Illegible]

BY: [Illegible]

FOR: [Illegible]

RE: [Illegible]

INFO: [Illegible]

NOTE: [Illegible]

ATTN: [Illegible]

OBJ: [Illegible]

REF: [Illegible]

ENV: [Illegible]

REG: [Illegible]

SEC: [Illegible]

APP: [Illegible]

DIS: [Illegible]

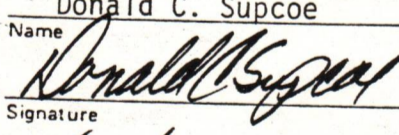
RES: [Illegible]

CON: [Illegible]

[Handwritten signature]

RECEIVED

JAN 11 1982

1.0 API well number: (If not available, leave blank. 14 digits.)	47-021-2828															
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.)	4993 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. 14358 Name Seller Code P. O. Box 67 Street Glenville WV 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 WV 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.)	E. C. Hess #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:	10 17 75 Mo. Day Yr.															
(c) Estimated annual production:	7.03 MMcf.															
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:35%;"></th> <th style="width:15%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:15%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:20%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">1.510</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> <tr> <td style="vertical-align: top;">8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</td> <td style="text-align: center;">D E R E G U L A T E D</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)	7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	1.510	-----	-----	-----	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	-----	-----	-----
	(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.)	1.510	-----	-----	-----												
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 Designated Agent Name Title  Signature 10/31/81 304-462-7744 Date Application is Completed Phone Number															

Agency Use Only
Date Received by Juris. Agency JAN 11 1982
Date Received by FERC

PARTICIPANTS:

DATE: MAY 31 1982

BUYER-SELLER CODE

WELL OPERATOR:

Pacific States Gas Oil, Inc.

014358

FIRST PURCHASER:

Equitable Gas Company

005939

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
820111 - 107-021 = 2828
 Use Above File Number on all Communications
 Relating to Determination of this Well

Checked. 45% no wrong affidavit on IV 55 well

Deferred for a correct plat (IV-6 and correct (IV-55))

W. 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 Deregulated
- 2. IV-1 Agent Donald C. Suprose
- 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?
- 0-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 8-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 6-2-77 Date completed 6-7-77 Deepened
- (5) Production Depth: 4850-72
- (5) Production Formation: Benson
- (5) Final Open Flow: NA
- (5) After Frac. R. P. NA
- (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 _____
- 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? yes
- as Determination Objected to _____ By Whom? _____

5

RECEIVED

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

047-021-2828

---- FEB 28 1979
Category Code

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

108
Section of NGPA

OIL & GAS DIVISION

DEPT. OF MINES

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.)

E.C. HESS #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:

14.78 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)
1.510	0.187	---	1.697
2.264	0.280	---	2.544

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

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.

014358

FIRST PURCHASER: Equitable Gas Company

005959

OTHER: _____

Qualified Section 108 oil/gas well.
~~Subject, produced by...~~
John [Signature]

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
79-02-28-108-021-2828
Use Above File Number on all Communications
Relating to Determination of this Well

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 17 Months years ~~70 feet 7 months~~
- 8 IV-40- 90 day Production 90 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: 4-2-77 6-77 drill Deepened _____
- (5) Production Depth: Completed: 4850-72
- (5) Production Formation: Benson
- (5) ~~Initial Potential~~ Final Open Flow: 560 mcf
- (5) ~~Static R.P. Initially~~ Final R.P.: NA
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{7270}{180} = 40.4$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{2964}{90} = 32.9$ MCF
- (8) Line Pressure: 180# PSIG from Daily Report
- (5) Oil Production: From Completion Report
- (10-17) Does lease inventory indicate enhanced recovery being done: no 02/16/2024
- (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? _____

TS

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

Date February 10, 19 79

Operator's Well No. PACIFIC STATES
E.C. HESS #1

API Well No. 47 - 021 - 2828
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 10B

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

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

LOCATION: Elevation 1060

Watershed Jakes Run
Dist. Glennville County Gilmer Quad. Glennville

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

Gas Purchase Contract No. 6645-B

Meter Chart Code 2-43-25-215199-1

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:

1. Equitable Gas Company Monthly Gas Purchase Statement:
Available at Corporate Office of Well Operator
Available at Corporate Office of Gas ~~Producer~~ Purchaser
2. West Virginia Annual Business and Occupation Tax Return:
Available at Corporate Office of Well Operator
Available at West Virginia State Tax Department
3. Royalty Records:
Available at Corporate Office of Well Operator
4. 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.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . 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 number 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.

John Morris

STATE OF WEST VIRGINIA.

COUNTY OF Cilmer TO WIT

I, James C. Reel, 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 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. Reel
Notary Public

02/16/2024

[NOTARIAL SEAL]

IV-39-WC
 STATE OF WEST VIRGINIA
 DEPARTMENT - MINES
 DIVISION - OIL AND GAS

ANNUAL REPORT OF MONTHLY PRODUCTION-1978
 GAS VOLUMES IN MFC @ 14.73
 OIL IN DARRELLS @ 60 DEGREES
 ID # 18
 OPERATOR #1
 PACIFIC STATES GAS AND OIL, INC.

REPORT NO. CCA101P1
 CURRENT DATE - 12/19/78
 REPORT DATE - 12/19/78
 PG 00002

02/16/2024

API	FARM #	E.C. HESS #1	COUNTY: GILMER	AVG. FLOW PRESSURE	180	SHUT-IN PRESSURE	N/A	TOTALS						
047-021-2828														
GAS MFC	782	584	683	2283	2109	1345	1529	1321	1249	940	732	N/A	N/A	GAS 13557
OIL BBL	J- 34	F- 25	M- 32	A- 35	M- 20	J- 28	J- 35	A- 29	S- 34	0	N- 28	0	0	OIL 0
DAYS ONLINE	34	25	32	35	20	28	35	29	34	28	27			

ANNUAL REPORT OF MONTHLY PRODUCTION-
 GAS VOLUMES IN MFC @ 14.73
 OIL IN DARRELLS @ 60 DEGREES
 ID # 18
 OPERATOR #1

REPORT NO. CCA101P1
 CURRENT DATE - 12/19/78
 REPORT DATE - 12/19/78
 PG 00002

API	FARM #	E.C. HESS #1	COUNTY: GILMER	AVG. FLOW PRESSURE	275	SHUT-IN PRESSURE	N/A	TOTALS						
047-021-2828														
GAS MFC				2314	1652	1001	858	443	1002	0	0	0	0	GAS 7270
OIL BBL	J- 21	F- 0	M- 0	A- 0	S- 0	0	0	N- 0	0	0	0	0	0	OIL 0
DAYS ONLINE	21	0	0	0	0	0	0	0	0	0	0	0	0	

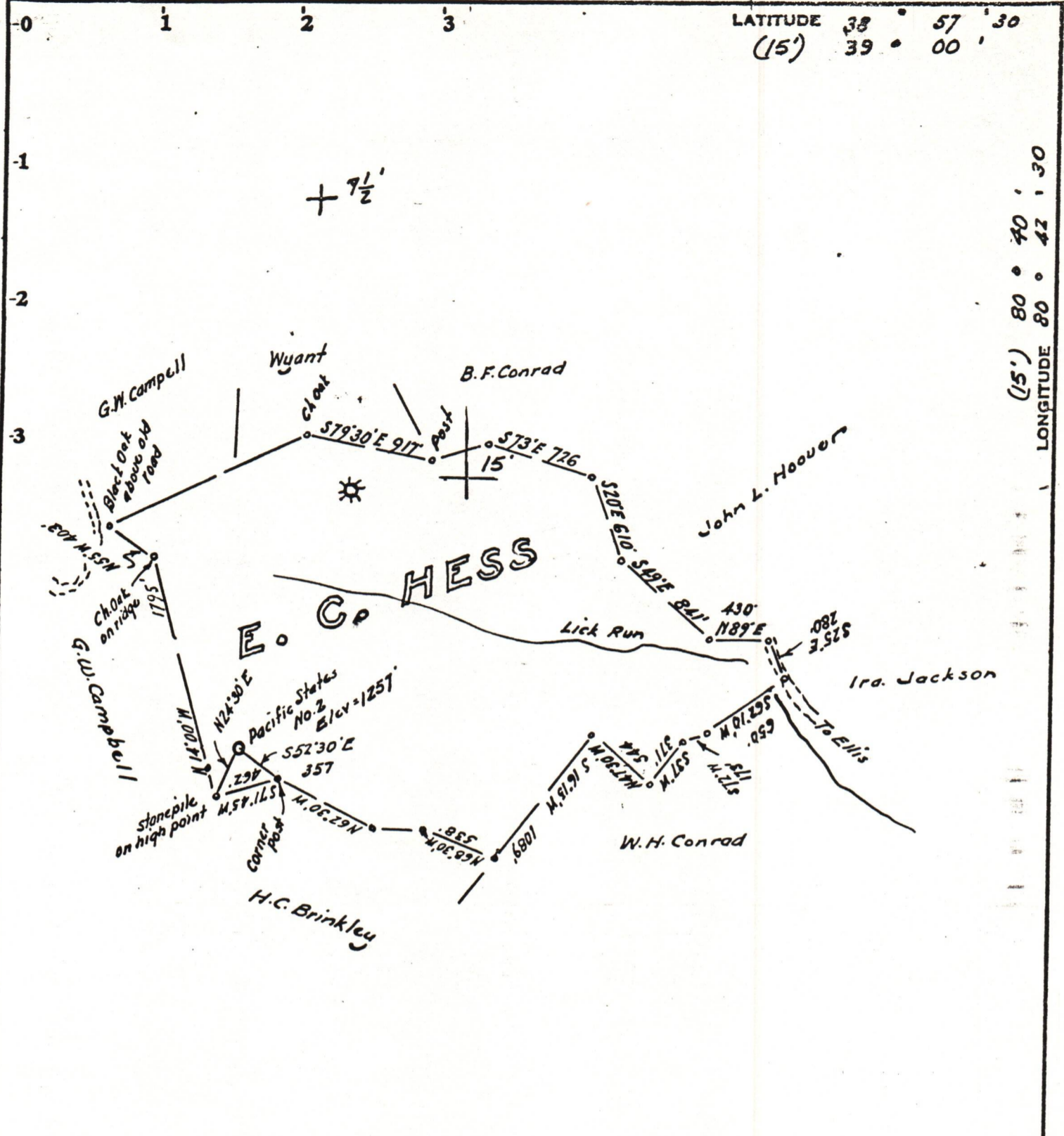
No production prior to July, 1977.

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

5/2/77 R



Minimum Error of Closure 1 in 200'
 Source of Elevation Elv. No. 1 (location) - 1060

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

Signed: [Signature]
 Squares: N S E W

Company PACIFIC STATES GAS & OIL
 Address Postoffice Box, Glenville, W. Va.
 Farm E.C. Hess, et al G.S.C. Alumni Foundation
 Tract _____ Acres 179 Lease No. _____
 Well (Farm) No. Pac-St No 2 Serial No. _____
 Elevation (Spirit Level) 1257
 Quadrangle Gilmer, Burnsville 15'
 County Gilmer District Glenville
 Engineer [Signature]
 Engineer's Registration No. 1227 LLS 200
 File No. _____ Drawing No. _____
 Date May 25, 1977 Scale 1"=1000'

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

WELL LOCATION MAP
 FILE NO. GIL-2828 02/16/2024

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitudes and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing. 47-021

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. E. C. Hess #2

API Well No.

47 - 021 - 2828
State County Permit

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

WELL OPERATOR Pacific States Gas & Oil, Inc.

LOCATION Elevation 1257'
Watershed Jakes Run

ADDRESS P. O. Box 67
Glenville, WV 26351

Dist. Glenville County Gilmer Quad. Glenville

GAS PURCHASER Equitable Gas Company
ADDRESS 420 Boulevard of the Allies
Pittsburgh, PA 15219

Gas Purchase
Contract No. 6645-B
Meter Chart Code 2-43-25-215199-1
Date of Contract October 17, 1975

* * * * *

Date surface drilling began: June 2, 1977

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

The bottom hole pressure of this well is 2090 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.

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

$P_w =$ 1825
 $L =$ 4861 $G =$.75
 $T =$ 120 $BHP =$ 2090

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, 19 81, has acknowledged the same before me, in my county aforesaid.

02/16/2024

Given under my hand and official seal this 31st day of December, 19 81.
My term of office expires on the 6th day of November, 19 91.

(NOTARIAL SEAL)

Donald C. Supcoe
Notary Public

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. E. C. Hess #2

API Well No. 47 - 021 - 2828

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No.

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

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

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

Water Short Code 2-43-25-215199-1

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.) Section of NGPA 107 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

F. H. McCullough, III
Signature

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

Glenville, WV 26351
City State (Zip Code)

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

(Certificate of Proof of Service to Purchaser)

I hereby certify that on the 31st day of December, 1981, I served FERC 121, together with Form IV-48WC, State Application for Well Certification, with attachments 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 Allies, Pittsburgh, Pennsylvania 15219.

Donald C. Supcoe
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 105 under the Natural Gas Policy Act of 1978, (NGPA); 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 109 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 11 1982

J. E. Murray
by _____

Date Received by
Jurisdictional Agency

Title _____

02/16/2024