

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *6-22-78*

Location Inspected .....

WW..... TA..... ✓

Bond released

GN..... OS..... PA..... ✓

State or Fee Land .....

**LOGS FILED**

Driller's Log..... ✓

Electric Log (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... M-L..... Sonic.....

CCLog..... CLog..... Others.....

*Plugged & abandoned: 6/22/78 ○  
Confidential as of: 9/25/78 - Release date - 1/25/79*

# Argonaut

Energy Corporation

806/373-6885  
1305 American National Bank Bldg.

P. O. Box 12099  
Amarillo, Texas 79101

March 7, 1978

The State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attn: Mr. Cleon Feight

Dear Sir:

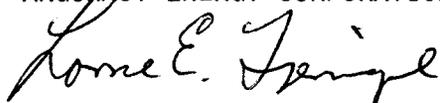
Argonaut Energy Corporation plans the drilling of a 10,000-foot pre-Tertiary wildcat well to be located C NW/4 Section 23, T15S - R7W, Millard County, Utah. This prospect, named Sugarville Prospect, is being drilled on a farmout from PanCanadian Petroleum Company, Marvin Wolf and Melvin Wolf, and Total Petroleum, Inc.

A total of 6 seismic CDP lines define the Sugarville Prospect. The intersection of Line No. 8, a East-West line, and Line No. 16, a NW-SE line, occurs near the C NW/4 Section 23, T15S - R7W. The high shot point for the Sugarville Prospect, Number 160 on Line 16, is almost exactly located C NW/4 Section 23, T15S - R7W.

Due to the fact that the proposed well is a rank geophysical wildcat, it is imperative that we honor the available seismic data, so as to assure every chance for production. It is due to the high shot point that we have proposed that the location of the 10,000-foot pre-Tertiary wildcat be in the C NW/4 Section 23, T15S - R7W, Millard County, Utah.

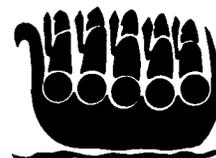
Very truly yours,

ARGONAUT ENERGY CORPORATION



Lorne E. Tjernagel,  
Executive Vice-President

LET:db



## SUPPLEMENT TO "APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK" (Form 9-331C)

Compliance with Section II B of NTL-6

1. "the location, as determined by a registered surveyor, in feet and direction from the nearest section lines of an established public land survey or, in areas where there are not public land surveys, by such other method as is acceptable to the District Engineer; "

See EXHIBIT I.

2. "the elevation above sea level of the unprepared ground;"

4629'

3. "the geologic name of the surface formation;"

Recent

4. "the type of drilling tools and associated equipment to be utilized;"

Rotary drilling tools

5. "the proposed drilling depth;"

10,000 feet

6. "the estimated tops of important geologic markers;"

See EXHIBIT II.

7. "the estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered;"

Fresh water above 200'

Depth of oil, gas or minerals unknown. Potential zones from 2,000' to 3,000' and below 4,500'.

8. "the proposed casing program including the size, grade, and weight of each string and whether it is new or used;"

	SIZE	WT.	GRADE	THREADS	OTHER	AMOUNT
A. Surface=	20"	94#	H40	8round	ST&C new casing	400'
					Setting depth	400'
B. Intermediate=						
	9 5/8"	40#	K55	8round	ST&C new casing	400'
	9 5/8"	36#	K55	8round	ST&C new casing	3,600'
					Setting depth	4,000'
C. Production casing						
	4 1/2"	11.6#	N80	8round	ST&C new casing	2,200'
	4 1/2"	11.6#	K55	8round	ST&C new casing	1,300'
	4 1/2"	10.5#	K55	8round	ST&C new casing	2,700'
	4 1/2"	11.6#	K55	8round	LT&C new casing	2,100'
	4 1/2"	11.6#	K55	Buttress	new casing	1,700'
					Setting depth	10,000'

9. "the proposed setting depth of each casing string and the amount and type of cement (including additives) to be used;"

A. Surface:

To be set at 400' and cemented with 500 sacks of Class G cement containing 6% gel, 2% calcium chloride and 1/4#/sack cellophane flakes followed by 250 sacks Class G cement containing 2% calcium chloride. Cement to be circulated to the surface.

*Class B  
+  
Silica Flour*

B. Intermediate:

To be set at 4,000' and cemented with 200 sacks of Class G cement containing 6% gel and 2% calcium chloride followed by 200 sacks of Class G cement containing 2% calcium chloride.

C. Production:

To be set at 10,000' and cemented with 380 sacks 50:50 pozzuolana: Class G cement containing 2% gel, 18% salt and 3/4% friction reducer.

10. "the lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency;"

A. Drilling from surface to 400'

No surface pressure control equipment to be used.

B. Drilling from 400' to 4,000'

A 16" or larger bag type blow out preventor rated at 2000 psi working pressure. Preventor to be tested to 500# for 10 minutes prior to drilling out the surface casing.

C. Drilling from 4000' to 10,000'

See EXHIBIT III

11. "the type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained;"

A. Drilling from surface to 400'

Low pH fresh water system containing bentonite and lime. Filler material to be added if necessary for circulation.

B. Drilling from 400' to 10,000'

Low pH, low solids, fresh water system containing bentonite, soda ash, caustic, and sodium polyacrylate. Organic flocculant and clay stabilizer may be used, if necessary, to reduce solids in mud. Filler material to be added if necessary for circulation. Mud weight to be maintained between 8.8 ppg and 9.2 ppg. Funnel viscosity to be maintained between 35 and 40 sec/quart. API filtrate to be maintained below 30 sec. Solids below 5%.

12. "the testing, logging, and coring program to be followed with provision made for required flexibility;"
- A. INTERVAL: Surface to 400'
- None anticipated
- B. INTERVAL: 400' to 4,000'
- Radioactivity, resistivity, conductivity, and sonic logs to be run. If a potentially productive zone is encountered, then, open-hole tests may be conducted.
- C. INTERVAL: 4000' to 10,000'
- Radioactivity, resistivity, conductivity and sonic logs to be run. If a potentially productive zone is encountered, then open-hole tests may be conducted.
13. "any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards;"
- None noted in the immediate area
14. "the anticipated starting date and duration of the operation;
- Drilling is anticipated to start February 21, 1978. Drilling operations expected to require 60 days.
15. "any other facets of the proposed operation which the lessee or operator wishes to point out for the Geological Survey's consideration of the application.
- None

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: March 14

Operator: Argonaut Energy

Well No: Leed. #1

Location: Sec. 23 T. 15S R. 7W County: Millard

File Prepared:   
Card Indexed:

Entered on N.I.D.:   
Completion Sheet:

API NUMBER: 43-027-38012

CHECKED BY:

Administrative Assistant [Signature]

Remarks: No other wells  
Verbal C-3 3/8/78  
Petroleum Engineer [Signature]

Remarks: OK

Director 7

Remarks:

*Need letter for  
of explanation for  
exception to rule C-3*

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No.

Surface Casing Charge

to \$00

*Operator has  
acknowledged  
charge*

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

*(Geological  
Exception)*

Letter Written/Approved

March 8, 1978

Argonaut Energy Corporation  
P.O. Box 12099  
Amarillo, Texas 79101

Re: Well No. Federal #1  
Sec. 23, T. 15 S, R. 7 W,  
Millard County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the geological exception provided under Rule C-3(c), General Rules and Regulations.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-027-30012.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U19573  
Communitization Agreement No. \_\_\_\_\_  
Field Name WILDCAT  
Unit Name \_\_\_\_\_ Federal No. 1  
Participating Area \_\_\_\_\_  
County Millard State Utah  
Operator ARGONAUT ENERGY CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of MARCH, 19 78  
(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	NE-NW	15S	7W	DRG.	0	0	0	0	Spudded @ 8 p.m. 3/26/78 3/31/78 DRG. @ 3,160' Ran 44' of 30" Conductors.



\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Robert Hatten Address: P. O. Box 12099, Amarillo, Texas, 7910  
Title: Vice President of Production Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356  
MONTHLY REPORT  
OF  
OPERATIONS

Lease No. 0 19573  
Communitization Agree No. \_\_\_\_\_  
Field Name W. cat  
Unit Name \_\_\_\_\_ FEDERAL NO. 1  
Participating Area \_\_\_\_\_  
County Millard State UTAH  
Operator ARGONAUT ENERGY CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APRIL, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	C NW/4	15S	7W	DRG	0	0	0	0	<p>Ran 13 3/8" casing Set @ 834'</p> <p>Dr1g. to 4,248' &amp; stuck on 4/3/78</p> <p>Recovered all fish 4/15/78</p> <p>Schlumberger ran Compensated Sonic Logs 4/16/78</p> <p>Ran 9 5/8" casing to 4,248' 4/19/78</p> <p>Drilling Depth 4/30/78 was 6,850</p>



\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Robert Hatten Address: P. O. Box 12099, Amarillo, Texas, 79101  
Title: Vice President of Production Page 1 of 1

Filed 5/2/78

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instruction  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 23-T15S-R7W

12. COUNTY OR PARISH 13. STATE

Millard

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a well. Use "APPLICATION FOR PERMIT—" for such proposals.)



1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
ARGONAUT ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
P. O. Box 12099, Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
~~1306'~~ FNL and ~~2334'~~ FWL Of Sec. 23, T15W, R7W

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4,629' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*   
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

I. Casing program:

- A. Set 7" liner @ 7733'
- B. Casing detail - 3800' 7" 26# N80 LT&C Casing.
- C. Liner Hanger and packer hung @ 3950'.

II. Cementing Program:

- A. 7" liner to be cemented with 120 sacks Class G Salt Saturated cement.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: May 5 1978  
BY: P. H. [Signature]

*Verbal approval received from Mr. Bill Martin 5/3/78*

18. I hereby certify that the foregoing is true and correct

SIGNED Lois Yates TITLE Lois Yates, Prod. Clerk DATE 5/4/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instructions  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
ARGONAUT ENERGY CORPORATION

8. FARM OR LEASE NAME  
FEDERAL

3. ADDRESS OF OPERATOR  
P. O. Box 12099, Amarillo, Texas, 79101

9. WELL NO.  
1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

10. FIELD AND POOL, OR WILDCAT  
WILDCAT

1306' FNL and 1334' FWL of Sec. 23, T15W, R7W

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
Sec. 23-T15S-R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4,629' GR

12. COUNTY OR PARISH  
Millard

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

I. Casing program:

- A. Set 7" casing @ 7731'
- B. Casing detail - 7731' 7" 26# N80 LT&C Casing.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: May 27, 1978  
BY: P. L. Marshall

II. Cementing Program:

- A. 7" casing to be cemented with 180 sacks Class G Salt saturated cement.



*Verbal approval received prior to commencement of operations.*

18. I hereby certify that the foregoing is true and correct

SIGNED Robert J. Bath

TITLE Vice President of Production

DATE 5/5/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP!  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

ARGONAUT ENERGY CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX 12099, Amarillo, Texas, 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

~~1306'~~ FNL and ~~1234'~~ FWL of Sec. 23, T15S, R7W

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 23-T15S-R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,629' GR

12. COUNTY OR PARISH

Millard

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

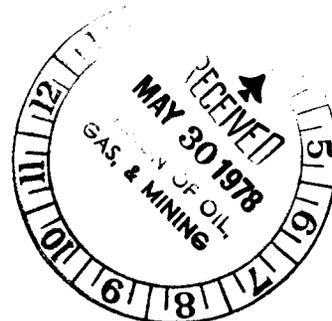
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DRILL to 12,500' Total Depth.

I. Production Casing Design

1400' 4 1/2" 13.5# N80 ST&C  
2400' 4 1/2" 11.6# N80 ST&C  
4500' 4 1/2" 11.6# K55 LT&C  
2000' 4 1/2" 11.6# N80 LT&C  
2200' 4 1/2" 11.6# N80 Buttress



APPROVED BY THE DIVISION OF  
OIL, GAS AND MINING

DATE: June 1, 1978

BY: Ph. Marshall

*Verbal approval received prior to commencement of operations from Mr. Ed Guyon 5/26/78.*

18. I hereby certify that the foregoing is true and correct

SIGNED Robert J. Carter

TITLE Vice President of Production DATE 5/26/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

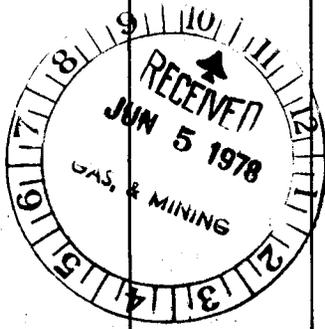
Lease No. \_\_\_\_\_ U 19573  
Communitization Agreement No. \_\_\_\_\_  
Field Name WILDCAT  
Unit Name FEDERAL NO. 1  
Participating Area \_\_\_\_\_  
County Millard State Utah  
Operator ARGONAUT ENERGY CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of MAY, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	C NW/4 Sec. 23	15S	7W	DRG	0	0	0	0	Ran 7" N80 26# Casing. Set at 7731'.  Cemented with 180 sacks Class G cement.  Drilled to 8891' & Cored from 8891 to 8914'.  Drilling Depth 5/31/78 was 10,360'



\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Robert J. Satter Address: P. O. Box 12099, Amarillo, Texas, 79101  
Title: Vice President of Production Page 1 of 1

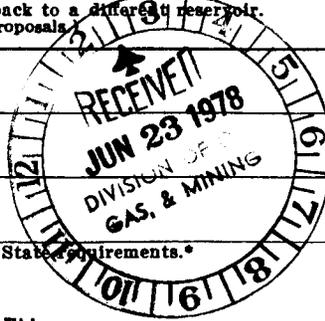
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)



1. OIL WELL  GAS WELL  OTHER DRY HOLE

2. NAME OF OPERATOR  
ARGONAUT ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
P. O. Box 12099, Amarillo, Texas, 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1306' FNL & 1324' FWL of Sec. 23, T15S, R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4,629' GR

5. LEASE DESIGNATION AND SERIAL NO.  
U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
FEDERAL

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23 - T15S-R7W

12. COUNTY OR PARISH  
Millard

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- Set 50 sack Class G. cement plug at 10,250' with 3 1/2" drill pipe. Failed.
- Set another 50 sack Class G. cement plug at 10,250'. Failed. (as per original verbal approval by Mr. Ed Guynn 6/15/78.)
- Set Lynes inflatable bridge plug at 10,050'. Put 50 sacks Class G cement on top of plug. Tagged top of cement at 9,930'. (Verbal approval of Mr. Ed Guynn 6/17/78).
- Set Lynes inflatable bridge plug at 7,722'. Pumped 50 sacks on top of plug. Tagged top of cement at 7,392'. (Verbal approval of Mr. Martens 6/18/78).
- Cut 7" casing at 4,198' (Free point) Spotted 50 sacks Class G salt saturated cement through drill pipe at 4,250'. (Verbal approval of Mr. Martens 6/19/78).
- Set 50 sack Class G salt saturated cement through drill pipe at 2,550'.
- Cut 9 5/8" at 861' (Free point). Set 50' cement plug below top of cut to 100' above top of cut using Class G cement.
- Set 10 sacks Class G cement plug in top of 13 3/8" casing with 10' steel 4 1/2" diameter marker cement in place 4' above ground level.

Well was drilled to a total depth of 11,266'. No formation production of oil or gas was found.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED Robert Hatten

TITLE Vice President of Production DATE 6/20/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other DRY HOLE

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
ARGONAUT ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
P. O. BOX 12099, Amarillo, Texas, 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1320' FNL 1320' FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-087-3002 DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.

U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 23-T15S-R7W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

15. DATE SPEUDED 3/26/78 16. DATE T.D. REACHED 6/10/78 17. DATE COMPL. (Ready to prod.) 6/22/78 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 4629' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,266' 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 11,266' CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN laterolog-BHC Sonic-Comp. Neutron Formation Density-GR-Neutron 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	834'	17 1/2	585 Sacks Class G	
9 5/8"	36#	4,248'	12 1/2	1300 Sacks Class G *	861'
7 "	26#	7,731'	8 3/4	180 Sacks Class G * (Salt Saturated)	4,198'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) PA

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. O. Batts TITLE Vice President of Production DATE 6/27/78

\*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U 19573  
Communitization Agreement No. \_\_\_\_\_  
Field Name WILDCAT  
Unit Name FEDERAL No. 1  
Participating Area \_\_\_\_\_  
County Millard State Utah  
Operator ARGONAUT ENERGY CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JUNE, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	C NW/4 Sec 23	15S	7W	DRG	0	0	0	0	Drilled to depth of 11,266' 6/10/78  Ran DST #1 6/1/78 10,415' - 10,470'  DST #2-A 6/13/78 10,285 - 10,340'  DST #2-B 6/13/78 10,255' - 10,310'  DST #2-C 6/13/78 10,145 - 10,200'  Ran logs 6/10/78 *  P&A 6/22/78

\* Ran Dual Laterolog from 11,240 - 7,731'.  
Ran BHC Sonic from 11,251 - 7,723'.  
Ran Comp. Neutron Form. Density from 11,265 - 7,732'.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Robert J. Patton Address: P. O. BOX 12099, Amarillo, Texas, 79101  
Title: Vice President of Production Page 1 of 1

43-027-30012

Form 9-228  
(April 1978)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

Sec. 23  
T. 15S  
R. 7W  
Salt Lake Mer.

	23	

INDIVIDUAL WELL RECORD

PUBLIC LAND: \_\_\_\_\_ Date July 11, 1978 Ref. No. 1

Land office Utah State Utah

Serial No. U-19573 County Millard

Pan Canadian Petroleum Co. 40%

Lessee TOTAL Leonard, Inc. 16 2/3% Field Wildcat

Marvin Wolf 43 1/3%

Operator Argonaut Energy Corporation District Salt Lake City

Well No. 1 Subdivision NE NW

Location 1320' FNL and 1320' FNL

Drilling approved March 8, 19 78 Well elevation 4629 IMGR feet

Drilling commenced March 26, 19 78 Total depth 11266 feet

Drilling ceased June 10, 19 78 Initial production Dry

Oral to Abandon  
Completed for production June 15, 19 78 Gravity A. P. I. \_\_\_\_\_

Abandonment approved Aug 28, 1987 Initial R. P. \_\_\_\_\_

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depth	Contents

Tertiary Paleozoic

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1978			SPUD			TD 11266' ABD						
1987								PA				

REMARKS Geologic Markers: See Well File in STORAGE CAGE

Casing Record: 13 3/8" cc @ 834 w/585 SXS  
9 5/8" cc @ 4248' w/1300 SXS (pulled 861')  
7" cc @ 7731' w/ 180 SXS (pulled 4198')

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC.  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U 19573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 23-T15S-R7W

12. COUNTY OR PARISH 13. STATE

Millard

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL  GAS WELL  OTHER  DRY HOLE

2. NAME OF OPERATOR

ARGONAUT ENERGY CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX 12099, Amarillo, Texas, 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
See also space 17 below.)

At surface

1306' FNL & 1334' FWL of Sec. 23, T15S, R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4629' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

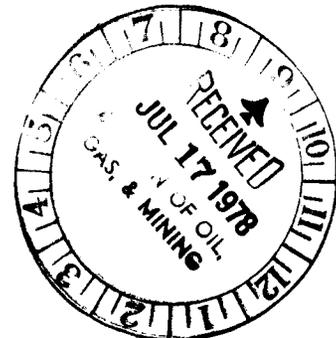
(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

1. Set inflatable plug @ 10,250' with 50 sacks Class G cement. Failed.
2. Set inflatable plug @ 10,250' with 50 sacks Class G cement. Failed.
3. Set inflatable plug @ 10,050' with 50 sacks Class G cement. Top of cement @ 9,930'.
4. Set a 50 sack plug from 7,397' to 7,700' with type Class G cement. Top of cement @ 7,397'.
5. Set a 50 sack plug from 4,170' to 4,300' with type Class G cement.
6. Set a 82 sack plug from 2,340' to 2,550' with type Class G cement. Top of cement @ 2,405'.
7. Set a plug from 649' to 950' with 167 sacks of Class G cement. Top of cement @ 663'.
8. Set 10 sacks Class G cement at surface.
9. Set 10' of 5" pipe with 4' above ground in cement for permanent marker.

Casing Recovery

1. McCullough cut 7" casing at 4,198'. Pulled casing.
2. Mc Cullough cut 9 5/8" casing at 861'. Pulled casing.



18. I hereby certify that the foregoing is true and correct

SIGNED Robert Hatten

TITLE Vice President of Production

DATE 7/10/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

July 19, 1978

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

Argonaut Energy Corporation  
P. O. Box 12099  
Amarillo, Texas 79101

Re: WELL NO. FEDERAL 1  
Sec. 23, T. 15S, R. 7W,  
Millard County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well(s) are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U 19573  
Communitization Agreement No. \_\_\_\_\_  
Field Name WILDCAT  
Unit Name FEDERAL NO. 1  
Participating Area \_\_\_\_\_  
County Millard State Utah  
Operator ARGONAUT ENERGY CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	C NW/4 Sec. 23	15S	7W	P&A	0	0	0	0	Allowing pits to dry.  P

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Robert J. Satter Address: P. O. Box 12099, Amarillo, Texas, 79101  
Title: Vice President of Production Page \_\_\_\_\_ of \_\_\_\_\_

# Argonaut

Energy Corporation

806/373-6885  
1305 American National Bank Bldg.

P. O. Box 12099  
Amarillo, Texas 79101

September 25, 1978

State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

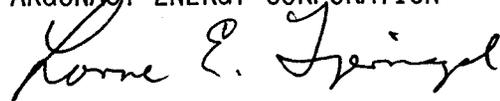
Attn: Kathy Ostler  
Records Clerk

In answer to your letter of July 19, 1978, we are sending you all electrical logs on the Argonaut Energy Corporation Federal No. 1, NW/4 Section 23, T 15 S R 7 W, Millard County, Utah.

By this letter, we are requesting that the State of Utah keep the information released confidential for four months from this date.

Very truly yours,

ARGONAUT ENERGY CORPORATION



Lorne E. Tjernagel  
Executive Vice-President

LET:db

cc: Mr. Pat Driskoll  
Chief Engineer





# PRESSURE LOG\*

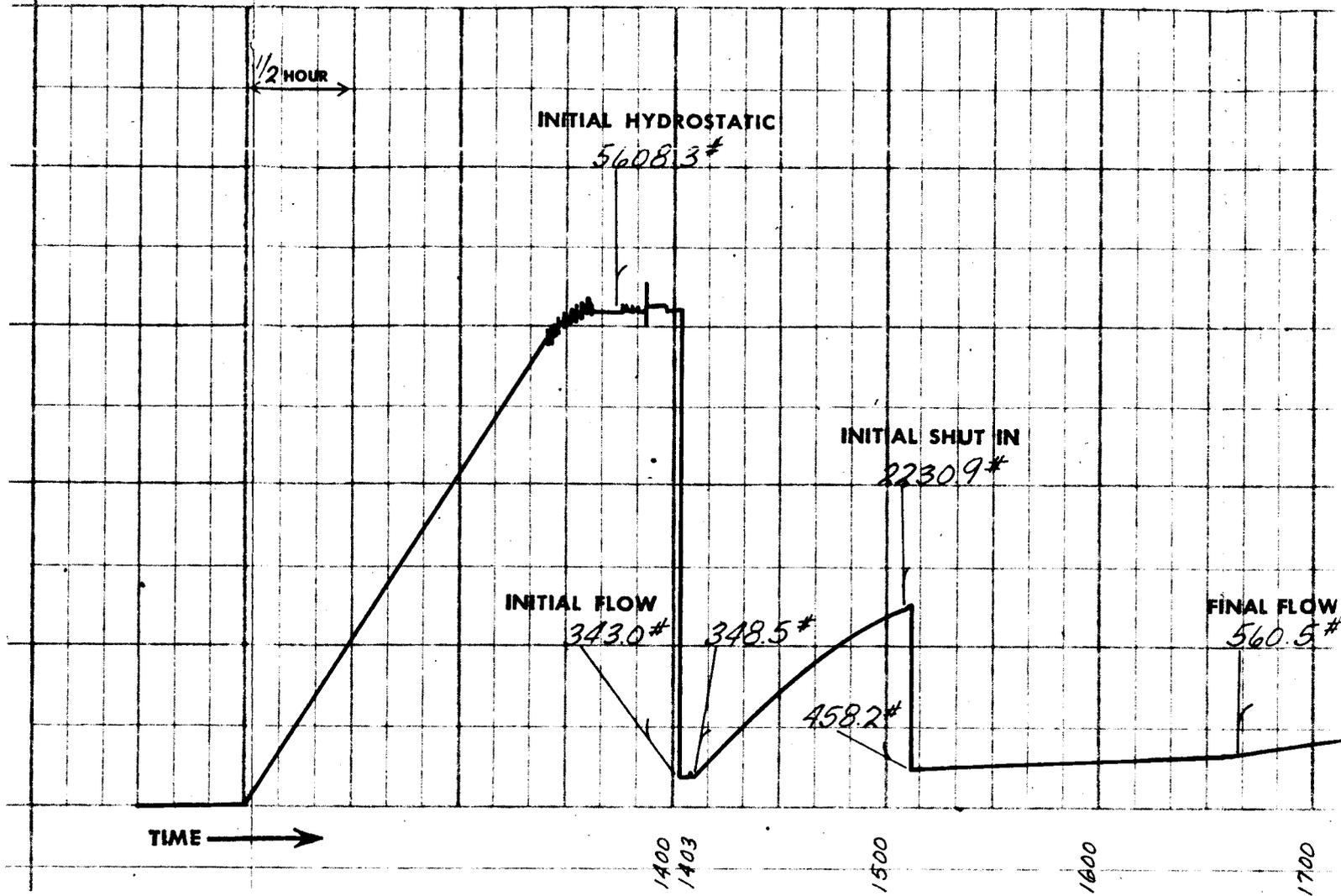
Field Report No. 09209C

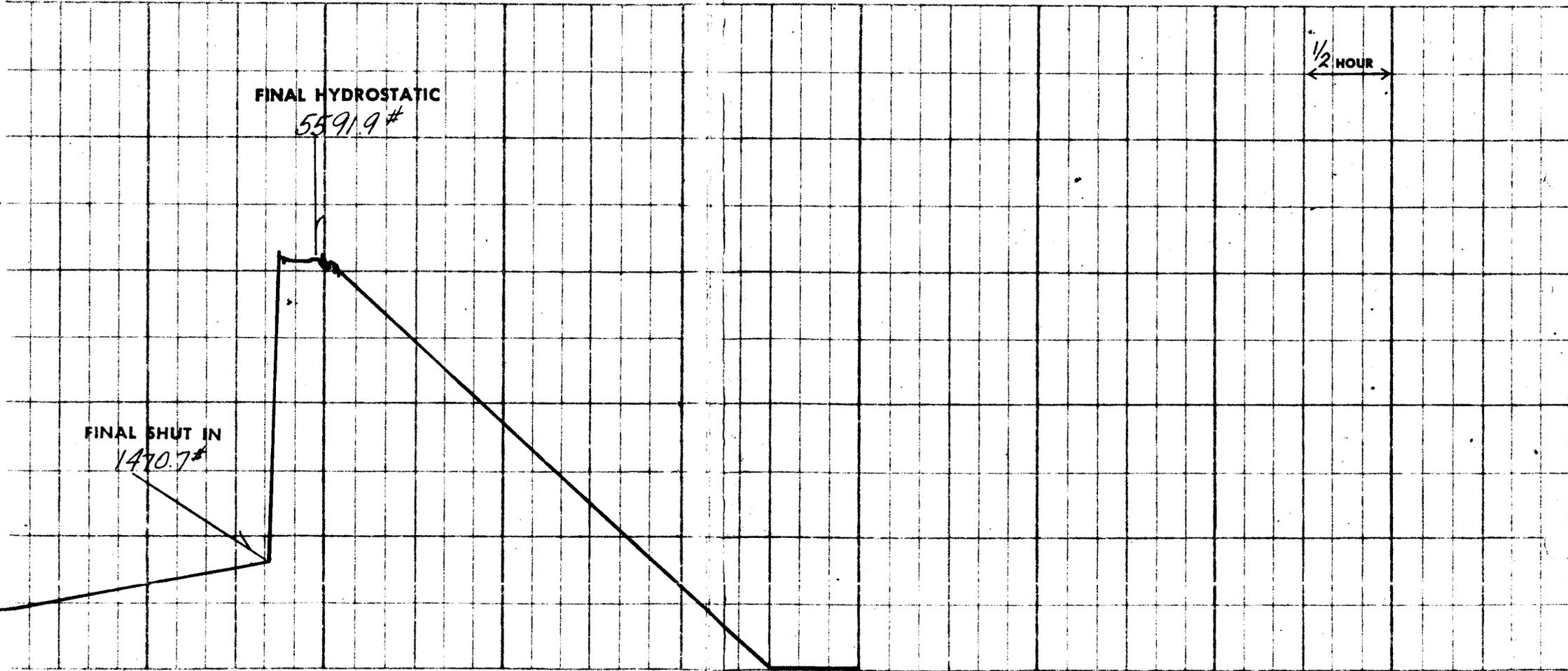
Instrument:  
Number J-045

Capacity 9000 p.s.i.

Depth 11951 ft.

\*a continuous tracing of the original chart





FINAL SHUT IN  
1470.7#

FINAL HYDROSTATIC  
5591.9#

1/2 HOUR

1800

1900

2000

