

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Well Completed
 SW..... TA.....
 OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML 33432

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Utah State

2. Name of Operator

St. Croix Explorations

9. Well No.

#3

3. Address of Operator

Suite 102, 7850 Metro Parkway, Bloomington MN 55420

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface 1333' from north line; 1899' from east line
Section 32 SW NE

11. Sec., T., R., M., or Bk. and Survey or Area

Sec. 32, T 24S, R 12E

At proposed prod. zone same

14. Distance in miles and direction from nearest town or post office*

21 miles north - Hanksville

12. County or Parrish 13. State

Emery Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1333'

16. No. of acres in lease

640

17. No. of acres assigned to this well

40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

1500' *Kaibab - Coconino*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5298 GR

22. Approx. date work will start*

10/22/79

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9 5/8"	7 5/8"		500'	160 Sx
7"	5 1/2"		1500' (+-)	

Proposed Program: Drill with air to total depth, coring some sections exhibiting oil shows, running logs, set 5 1/2" casing to total depth and cement to surface if needed. May test oil zones open hole.

Surface formation: Triassic - Chinle
Formation at T.D.: Permian - Kaibab - Coconino
Location : Plat attached

Telephone: 612/854-1787



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

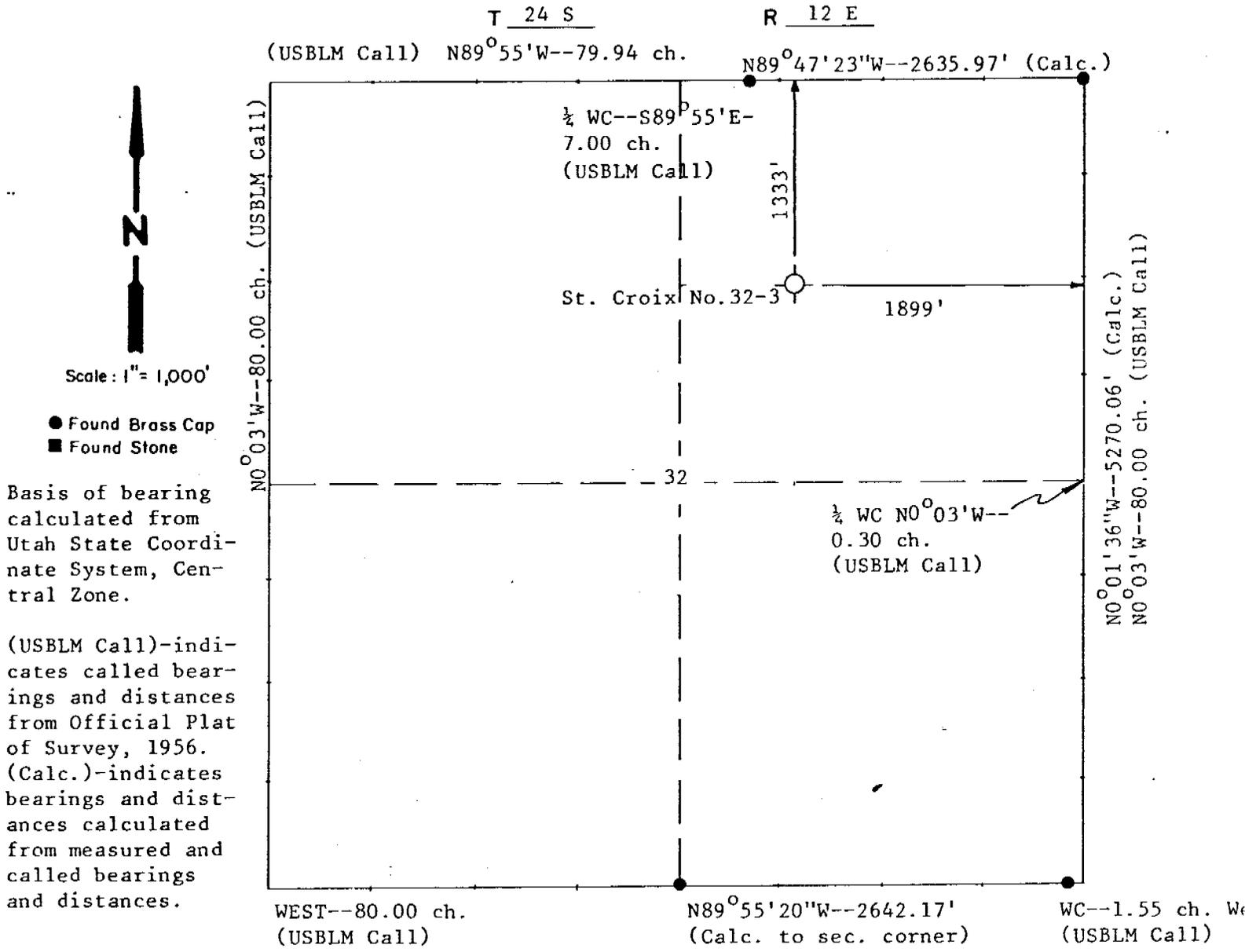
24. Signed: *Stanley A. Taylor* Title: *V. Pres* Date: *10-1-79*

(This space for Federal or State office use)

Permit No. Approval Date

Approved by..... Title..... Date.....

Conditions of approval, if any:



Basis of bearing calculated from Utah State Coordinate System, Central Zone.

(USBLM Call)-indicates called bearings and distances from Official Plat of Survey, 1956.
(Calc.)-indicates bearings and distances calculated from measured and called bearings and distances.

I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Stanley R. Tyler of Bloomington, Minnesota for St. Croix Exploration made a survey on the 25th day of September 1979 for location and elevation of the St. Croix No. 32-3 As shown on the above map, the wellsite is in the NE/4 of Section 32, Township 24 South, Range 12 East of the Salt Lake Base & Meridian, Emery County, State of Utah Elevation is 5298 feet ungraded ground Datum Established from USC&GS bench marks R-11 and S-11

Reference Point	116.5 feet	North	Rebar and lath	Elevation top rebar	5292.8
Reference Point	129 feet	East	Rebar and lath	Elevation top rebar	5291.8
Reference Point	125 feet	South	Rebar and lath	Elevation top rebar	5303.0
Reference Point	140 feet	West	Rebar and lath	Elevation top rebar	5311.3

William H. Smith
Utah R.L.S. NO. 2764

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

ML 33432

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

7. Unit Agreement Name

8. Farm or Lease Name

Utah State

9. Well No.

#3

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 32, T 24S, R 12E

2. Name of Operator

St. Croix Explorations

3. Address of Operator

Suite 102, 7850 Metro Parkway, Bloomington MN 55420

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

1333' from north line; 1899' from east line
Section 32

At proposed prod. zone

same

12. County or Parrish 13. State

Emery

Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

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Rotary

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5298 GR

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10/22/79

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24. Signed: *Stanley A. Taylor* Title: *V. Pres* Date: *10-9-79*
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date
Conditions of approval, if any:

P.O. BOX 654
GREEN RIVER, WYOMING
82935

WILLIAM H. SMITH & ASSOCIATES
SURVEYING CONSULTANTS,

P.O. BOX 1300
MOAB, UTAH
84532

TELEPHONE: (307) 875-3638

TELEPHONE: (801) 259-6861

T 24 S R 12 E
(USBLM Call) N89°55'W--79.94 ch. N89°47'23"W--2635.97' (Calc.)

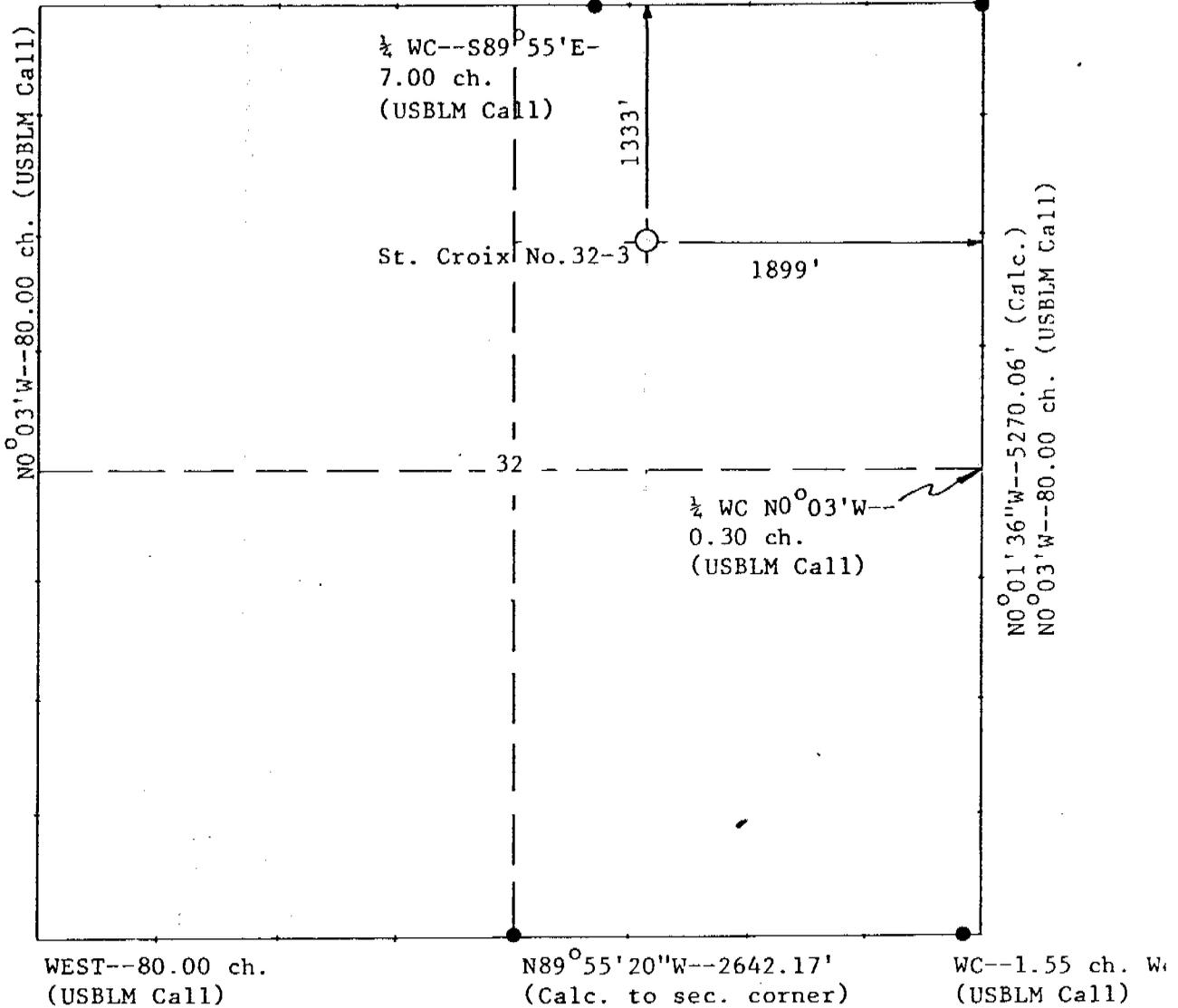


Scale: 1" = 1,000'

- Found Brass Cap
- Found Stone

Basis of bearing calculated from Utah State Coordinate System, Central Zone.

(USBLM Call)-indicates called bearings and distances from Official Plat of Survey, 1956.
(Calc.)-indicates bearings and distances calculated from measured and called bearings and distances.



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Stanley R. Tyler of Bloomington, Minnesota for St. Croix Exploration made a survey on the 25th day of September 1979 for location and elevation of the St. Croix No. 32-3 As shown on the above map, the wellsite is in the NE/4 of Section 32, Township 24 South, Range 12 East of the Salt Lake Base & Meridian, Emery County, State of Utah Elevation is 5298 feet ungraded ground Datum Established from USC&GS bench marks R-11 and S-11

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Reference Point	125 feet	South	Rebar and lath	Elevation top rebar	5303.0
Reference Point	140 feet	West	Rebar and lath	Elevation top rebar	5311.3

William H. Smith
Utah R.L.S. NO. 2764

** FILE NOTATIONS **

DATE: October 5, 1979

Operator: St Civil Explorations

Well No: Utah State #3

Location: Sec. 32 T. 24S R. 12E County: Emery

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-015-30069

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: EC-3 topo exception ORIGINAL SIGNED BY G. R. FRANK

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 170-1 8/24/77

O.K. Rule C-3

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

Lease Designation State

Plotted on Map

Approval Letter Written

ctm

#3 plus bond

PI

October 5, 1979

St. Croix Explorations
7850 Metro Parkway, Suite 102
Bloomington, New Mexico 55420

Re: Well No. Utah State #2, Sec. 32, T. 24S, R. 12E., Emery County, Utah
Well No. Utah State #3, Sec. 32, T. 24S, R. 12E., Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells is hereby granted in accordance with the Order issued in Cause No. 170-1 dated August 24, 1977.

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

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

Enclosed please find Form OGC-8-Kp which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are Utah State #2 - 43-015-30068;
Utah State #3 - 43-015-30069.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: St. Croix Explorations

WELL NAME: Utah State #3

SECTION 32 SW NE TOWNSHIP 24S RANGE 12E COUNTY Emery

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE 11/7/79

TIME a.m.

HOW rotary

DRILLING WILL COMMENCE _____

REPORTED BY Mr. Tyler

TELEPHONE # _____

DATE November 7, 1979

SIGNED *W. J. Munder*

cc: Donald Prince

ST. CROIX-NUGGET JOINT VENTURE

7850 METRO PARKWAY, SUITE 102
BLOOMINGTON, MINNESOTA 55420
(612) 854-1787 or 854-7755

February 19, 1980

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

ATTN: Debbie Beauregard

RE: WELL NO. - Utah State #2
Sec. 36, T. 24 S, R. 11 E
Emery County, Utah

Dear Ms. Beauregard:

In response to your letter of February 11th, we intend to drill the #2 well in Emery County, Utah at some future date - probably within six months. I believe this will meet your notification requirements.

With regard to the #3 well - this well is being held in abeyance until testing plans are completed. We will notify you concerning any future activity on this well.

Very truly yours,

ST. CROIX EXPLORATION CO.


Stanley R. Tyler

SRT/ds

RECEIVED

FEB 21 1980

DIVISION OF
OIL, GAS & MINING

M. 107
July 17, 1980

July 20, 1981

St. Croix Explorations
7850 Metro Parkway, Suite 102
Bloomington, Minnesota 55420

Re: Well No. Utah State #3
Sec. 32, T. 24S, R. 12E
Emery County, Utah
(March '80-July '81)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16th) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells," or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


Sandy Bates
Clerk-Typist

/lm
Enclosures



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 4, 1982

St. Croix Exploraitons
7850 Metro Parkway, Suite 102
Bloomington, Minnesota 55420

Re: Well No. Utah State #3
Sec. 32, T. 24S, R. 12E
Emery County, Utah
(August 1981- December 1981)
SECOND NOTICE

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

POOR COPY



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 5, 1982

St. Croix Exploration Company
7850 Metro Parkway, Suite 102
Bloomington, Minnesota 55420

Re: Well No. Utah State #3
Sec. 32, T. 24S, R. 12E.
Emery County, Utah
January- April 1982
FINAL NOTICE

Gentlemen:

~~Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.~~

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

** If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas, and Mining for legal action.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist



ST. CROIX EXPLORATION COMPANY

~~1850~~ ~~1360~~ ~~Shelard~~ ~~Tower~~ ~~1360~~ ~~Shelard~~ ~~Tower~~
~~1360~~ ~~Shelard~~ ~~Tower~~ ~~1360~~ ~~Shelard~~ ~~Tower~~
~~612/546-3903~~ ~~612/546-3903~~ ~~612/546-3903~~ 1360 Shelard Tower
Minneapolis, MN 55426
612/546-3903

~~1360~~ ~~Shelard~~ ~~Tower~~ ~~1360~~ ~~Shelard~~ ~~Tower~~
~~1360~~ ~~Shelard~~ ~~Tower~~ ~~1360~~ ~~Shelard~~ ~~Tower~~
~~612/546-3903~~ ~~612/546-3903~~ ~~612/546-3903~~ 1360 Shelard Tower
Minneapolis, MN 55426
612/546-3903

May 14, 1982

Ms. Cari Furse
State of Utah
Natural Resources and Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Cari Furse:

Enclosed are "Sundry Notices and Reports on Wells"
Numbers 1, 2, 5 in Sec 36, T24S, R11E.
Emery County, Utah

We regret any inconvenience caused by our not filing these reports timely. We shall file them monthly from this time forward.

Well reports on wells 3 and 4 in Section 36 and on wells 1 and 3 in Section 32 will be completed Monday of next week.

We are conducting geological studies on the shallow and deep formations which should be completed within 90 days and lead us to propose on going field operations.

We hope this fulfills our requirements.

Sincerely yours,

Stanley R. Tyler
Vice President

Enclosures
SRT:jd

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

BEST COPY AVAILABLE

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 334 32
2. NAME OF OPERATOR St. Croix Exploration		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1360 Sheppard Tower, Minneapolis, Mn 55421		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Utah state
14. PERMIT NO.	15. ELEVATIONS (Show whether DV, RT, OR, etc.) 5298 Gr.	9. WELL NO. 3
		10. FIELD AND POOL, OR WILDCAT wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA sec. 32, T 24 S, R 12 E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)

This well was drilled to a depth of 1150 feet in December of 1979. 8 5/8" casing was set at 300 feet and the remainder of the well is open hole. The Chinle, ^{Moore Bank} Moenkopi, Kaibab and upper white rim were penetrated. The well was logged and information used for correlation and interpretation of the shallow potential. Several zones exhibited oil saturation and will be evaluated in the future. Our plans will be reviewed with your department before field operations commence.

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

SIGNED J. R. Gyles TITLE Vice President DATE 5-17-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



ST. CROIX EXPLORATION COMPANY

~~7250 MERRILL PARKWAY, SUITE 100~~
~~MINNEAPOLIS, MINNESOTA 55420~~
~~612/854-2874~~

1360 Shelard Tower
Minneapolis, MN 55426
612/546-3903

~~406 WOODCOCK BLVD, BOX 1174~~
~~MINNEAPOLIS, MINNESOTA 55402~~
~~612/336-3781~~

May 18, 1982

Ms. Cari Furse
State of Utah
Natural Resources and Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Cari Furst:

Enclosed are "Sundry Notices and Reports on Wells"
Numbers 3 Sec. 32, T24S, A12E and Number
4 Sec. 36, T24S, R11E, Emery County Utah

Additional reports will be sent to you later on this
week.

Sincerely,

Stanley R. Tyler
Stanley R. Tyler
Vice President

Encl.
SRT:jd



ST. CROIX EXPLORATION COMPANY

~~7850 Main Parkway, Suite 102
X136 Shelard Tower, Minnesota 55426
612/546-3903~~

1360 Shelard Tower
Minneapolis, MN 55426
612/546-3903

~~466 WCCO Radio Building
Minnesota, Minnesota 55402
612/336-8787~~

May 28, 1982

RECEIVED
JUN 01 1982

DIVISION OF
OIL, GAS & MINING

Ms. Cari Furse
State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Furse:

Enclosed are "Sundry Notices and Reports on Wells"
Numbers 3 and 4 in Sec. 36, T24S, R11E and Number 1 (6)
in Sec. 32, T24S, R12E, Emery County, Utah.

Also enclosed is an Electric Log for #2, Sec. 36, T24S,
R11E, Emery County, Utah.

We will be sending you an update the middle of June.
Meanwhile if there is any further information needed,
please let us know. We appreciate your patience.

Sincerely yours,

Stanley R. Tyler
Vice President

Encl.
SRT:jd

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
 ML 33432

6. IF INDIAN, ALLOTTED OR TRIBE NAME:

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Utah State

9. WELL NO.
 3

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC. T., S., R., OR BLE. AND
 SURVEY OR AREA
 Sec. 32, T24S, R12E

12. COUNTY OR PARISH 13. STATE
 Emery 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

2. NAME OF OPERATOR
 St. Croix Exploration

3. ADDRESS OF OPERATOR
 1360 Shelard Tower, Minneapolis, MN 55426

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

14. PERMIT NO. 15. ELEVATIONS (Show whether OF, AT, OR, etc.)
 5298 Gr.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>	(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 an 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.)

No further work is planned until Project Review is completed.

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

SIGNED *Mark A. Ryles* TITLE Vice President DATE June 30, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:



ST. CROIX EXPLORATION COMPANY

XXXXXXXXXXXXXXXXXXXX
7850 Metro Parkway, Suite 102
Bloomington, Minnesota 55420
XXXXXXXXXXXXXXXXXXXX
612/854-1287

1360 Shelard Tower
Minneapolis, MN 55426
612/546-3903

XXXXXXXXXXXXXXXXXXXX
7850 Metro Parkway, Suite 102
Bloomington, Minnesota 55420
XXXXXXXXXXXXXXXXXXXX
612/854-1287

June 30, 1982

Ms. Cari Furse
State of Utah
Natural Resources and Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Furse:

Enclosed are "Sundry Notices and Reports on Wells"
Numbers 1 and 3, Sec. 32, T24S, R12E, and Numbers
1, 2, 3, 4, and 5, Sec. 36, T24S, R11E, Emery County.

If you have any questions, please give us a call.

Sincerely,

Stanley R. Tyler

Stanley R. Tyler
Vice President

Encl.
jd

RECEIVED

JUL 07 1982

DIVISION OF
OIL, GAS & MINING

**STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Utah State
9. WELL NO. 3
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLE. AND SUBVY OR ABBA Sec. 32, T24S, R12E
12. COUNTY OR PARISH Emery
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR St. Croix Exploration	
3. ADDRESS OF OPERATOR 1360 Shelard Tower, Minneapolis, MN 55426	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	
14. PERMIT NO.	15. ELEVATIONS (Show whether DV, RT, GR, etc.) 5298 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 <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>	(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 and 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.)*

No further work is planned until Project Review is completed.

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

SIGNED *[Signature]* TITLE Vice President DATE 7/30/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
 (Other instructions on reverse side)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR St. Croix Exploration 3. ADDRESS OF OPERATOR 1360 Shelard Tower, Minneapolis, MN 55426 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		5. LEASE DESIGNATION AND SERIAL NO. ML 33432 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Utah State 9. WELL NO. 3 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA Sec. 32, T24S, R12E 12. COUNTY OR PARISH 13. STATE Emery Utah
14. PERMIT NO.	15. ELEVATIONS (Show whether DV, RT, GR, etc.) 5298 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 <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	<input checked="" type="checkbox"/>	(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 or 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.)*

No further work is planned until Project Review is completed.

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

SIGNED _____	TITLE <u>Vice President</u>	DATE <u>8-30-82</u>
--------------	-----------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 16, 1983

St. Croix Exploration Company
1360 Shelard Tower
Minneapolis, Mn 55426

Re: Well No. Utah State # 2
Sec. 36, T. 24S, R. 11E.
Emery County, Utah
(September 1982- February 1983)

Well No. Utah State # 3
Sec. 32, T. 24S, R. 11E.
Emery County, Utah
(September 1982- February 1983)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML 33432
2. NAME OF OPERATOR St. Croix Exploration		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1360 Shelard Tower, Minneapolis, MN 55426		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Utah State
14. PERMIT NO.		9. WELL NO. 3
15. ELEVATIONS (Show whether of, to, or, etc.) 5298 GR.		10. FIELD AND FOOT, OR WILDCAT Wildcat
		11. SEC., T., S., M., OR BLK. AND SUBST OR AREA Sec 32, T24S, R12E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

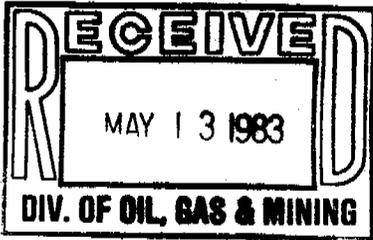
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>		

(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 an 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.)*

No further work is planned until Project Review is completed!



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

SIGNED Stanley A. Kyle TITLE Vice President DATE 5/10/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RAINY RIVER RESOURCES

430 1ST AVENUE NORTH, SUITE 640
MINNEAPOLIS, MINNESOTA 55401
612/343-0310

September 20, 1984

State of Utah
Natural Resources & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Monthly Production Reports
Emery County, Utah

Gentlemen:

During our drilling activities in Emery County (dba St. Croix Exploration) which began in 1977 and continues to the present time, we have encountered oil saturation in five (5) to seven (7) zones of interest ranging from the Mossback sandstone member of the Chinle formation, the Moenkopi sands and limestones and the Permian, Kaibab limestone.

Early drilling and core analyses gave significant figures for oil in place in the Mossback sand, ranging from 500 to 945 barrels of oil per acre foot in place. The gravity of this oil varied between 17° and 27° API.

Drilling to the deeper zones of interest confirmed additional oil accumulation in sands and limestones.

It became obvious there was a lack of reservoir energy in these formations. We drilled at varying depths and locations in an effort to prove reservoir continuity and possibly establish primary commercial oil production.

Pipe was set on several wells and they were perforated. Unfortunately this did not establish production through normal completion activities.

We became interested in determining what methods were available to the industry for recovering low gravity oil. This led to research into the many techniques available. This took time, but has helped in developing a microwave test program that is expected to start late this year.

September 20, 1984
State of Utah
Page Two

The wells previously drilled have been left in a condition to permit reentry in order to test the research tools.

We have not established commercial production from any of our wells and would prefer to list them as temporarily shut-in. Upon establishing production we will promptly file monthly production reports.

Sincerely,

A handwritten signature in cursive script that reads "Stanley R. Tyler". The signature is written in dark ink and is positioned above the typed name and title.

Stanley R. Tyler
President

SRT:pmc

RAINY RIVER RESOURCES

430 1ST AVENUE NORTH, SUITE 640
MINNEAPOLIS, MINNESOTA 55401
612/343-0310

RECEIVED

September 20, 1984

SEP 24 1984

Ms. Vicki Carney
Natural Resources & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF OIL
GAS & MINING

Dear Ms. Carney:

Enclosed please find a letter from Mr. Stanley R. Tyler, president of St. Croix Exploration, regarding the six wells in Emery County, Utah.

I hope this is satisfactory in answering your questions about the status of the wells. As always, please contact us with any questions that may arise.

Sincerely,



Patrice M. Carlson

Enclosure

:pmc

RECEIVED
DEC 05 1984



DC
ED

SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH
DEPARTMENT OF COMMUNITY AND
ECONOMIC DEVELOPMENT

December 3, 1984

DIVISION OF
OIL, GAS & MINING

Division of
State History
(UTAH STATE HISTORICAL SOCIETY)

MELVIN T. SMITH, DIRECTOR
300 RIO GRANDE
SALT LAKE CITY, UTAH 84101-1182
TELEPHONE 801/533-5755

St. Croix Exploration
AKA Rainy River Resources
430 1st Ave. N., Suite 640
Minneapolis, Minnesota 55041

Dear Sirs,

Please be advised that we have received a report from the Bureau of Land Management, Price, Utah, that an archeological site may have been disturbed on your lease in Sec. 32, T24S, R12E, in Emery County, Utah. You may know that archeological sites are protected by law.

We would like any information regarding the authenticity of the report. We intend to visit the location of your drill site when weather and time will allow. I have been advised by the Utah State Division of Oil, Gas and Mining that all leasees have now been advised that cultural resource clearances are required before ground disturbance activities are allowed to proceed.

Your assistance is appreciated.

Sincerely,

La Mar W. Lindsay
Assistant State Archeologist

LWL:rh

cc: Ms. Arlene Sollis, Utah State Division of Oil, Gas, and Mining ✓



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 8, 1985

St. Croix Exploration
 430 First Avenue North #640
 Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State #3 - Sec. 32, T. 24S, R. 12E,
Emery County, Utah - API #43-015-30069

Our records indicate that you have not filed drilling reports for the months of inception to present on the above listed well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than April 22, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna

Pam Kenna
 Well Records Specialist

Enclosure
 cc: Dianne R. Nielson
 Ronald J. Firth
 John R. Baza
 File

0161S/51

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 33432
2. NAME OF OPERATOR St. Croix Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 430 First Avenue North, #640, Minneapolis, MN 55401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Utah State
14. PERMIT NO. API 43-015-30069		9. WELL NO. #3
15. ELEVATIONS (Show whether OF, RT, CR, etc.) 5298 Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 32, T24S, R12E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	XXXX	(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.)*

The well is shut-in pending results of stimulation studies conducted in Section 36.

No production has occurred.

18. I hereby certify that the foregoing is true and correct
SIGNED Monty R. Taylor TITLE President DATE 4/15/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML 33432

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Utah State

9. WELL NO.
#3 (6)

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec 36, T24S, R11E

12. COUNTY OR PARISH
Emery

13. STATE
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

2. NAME OF OPERATOR
St. Croix Exploration Company

3. ADDRESS OF OPERATOR
430 First Avenue North, #640, Minneapolis, MN 55401

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

14. PERMIT NO.
API 43-015-30076-00

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
5372 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	XXX <input type="checkbox"/>	(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.)

There is no activity planned for this location until the Utah State #3-A test well stimulation studies are conducted.

No production has occurred.

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

SIGNED Stanley B. Taylor TITLE President DATE 4/15/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RAINY RIVER RESOURCES

430 1ST AVENUE NORTH, SUITE 640
MINNEAPOLIS, MINNESOTA 55401
612/343-0310

RECEIVED

April 15, 1985

APR 17 1985

State of Utah - Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203
ATTN: Pam Kenna

DIVISION OF OIL
& GAS & MINING

Dear Pam:

As per our telephone conversation of last week, enclosed please find 3 Sundry Notices for the Utah #2 and #3(6) wells in Section 36, T24S, R11E in Emery County, and Utah State #3 in Section 32, T24S, R12E in Emery County, Utah.

Also enclosed is a well completion report on the Utah State #3 well in Section 32.

Please contact me at (612) 343-0310 if there are any questions, or additional information is required.

Thank you.

Sincerely,

Patrice Carlson

Patrice M. Carlson

Encl.

:pmc

RECEIVED

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APR 17 1985

DIVISION OF OIL
GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

ML 33432

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Utah State

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 32, T24S, R12E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Temp. Shut-in
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Operation Suspended
No completion

2. NAME OF OPERATOR
St. Croix Exploration Company

3. ADDRESS OF OPERATOR
430 First Avenue N, Suite #640, Minneapolis, MN 55401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1333 FNL 1899 FEL SW NE
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
API 43-015-30069 10/4/79

15. DATE SPUNDED 11/7/79 16. DATE T.D. REACHED 12/ /79 17. DATE COMPL. (Ready to prod.) ---- 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5298 Gr. 19. ELEV. CASINGHEAD 5299

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
0 - 1050'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORRD
Compensated Formation Density SNP-GR

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	36 lb/ft	298'	10"	31 sacks, 1 sx. calseal	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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)
None		<u>Operation Suspended</u> <u>Temp. shut-in</u>

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

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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 Stanley B. Dyer TITLE President DATE 4/15/85

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

7

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mossback	434	480	Fair to good porosity with oil staining
Chinle	720	756	Fair porosity with oil staining
Moenkopi	870	900	Fair to good porosity with oil staining
Sinbad	920	964	Poor to fair porosity with oil staining
Kaibab	1092	1122	Good porosity with oil staining
White Rim	1128	1150	Very good porosity with oil and tar staining

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mossback	434'		
Moenkopi	870'		
Kaibab	1092'		
White Rim	1128'		



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 28, 1985

St. Croix Exploration Company
430 First Avenue North #640
Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State #3 - Sec. 32, T. 24S., R. 12E.,
Emery County, Utah - API #43-015-30069

According to our records a "Well Completion Report" filed with this office April 15, 1985 on the above referenced well indicates the following electric logs were run: Compensated Formation Density, SNP-GR. This office has not yet received these logs. Also, if the well was cored, please include a copy of the core analysis report.

Please take care of this matter as soon as possible, but not later than July 12, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/15

RAINY RIVER RESOURCES

430 1ST AVENUE NORTH, SUITE 640
MINNEAPOLIS, MINNESOTA 55401
612/343-0310

July 10, 1985

Ms. Pam Kenna
State of Utah - Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite #350
Salt Lake City, UT 84180-1203

RE: Utah State #3 - API# 43-015-30069
Sec 32, T24S, R12E, Emery County

Dear Ms. Kenna:

As per your letter of June 28, 1985 regarding the above referenced well, enclosed please find the only copy of the Compensated Formation Density log run on this well on December 3, 1979.

Please contact us at (612) 343-0310 if you have any questions.

Sincerely,

RAINY RIVER RESOURCES, INC.
DBA ST. CROIX EXPLORATION



Patrice M. Carlson

Encl.

RECEIVED

JUL 12 1985

DIVISION OF OIL
GAS & MINING

:pmc



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

St. Croix Exploration Company
430 First Avenue N #640
Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State #3 - Sec. 32, T. 24S., R. 12E.,
Emery County, Utah - API #43-015-30069

According to our records a "Well Completion Report" filed with this office April 15, 1985 on the above referenced well indicates the following electric logs were run: SNP-GR. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/44

OPS

RAINY RIVER RESOURCES

430 1ST AVENUE NORTH, SUITE 640
MINNEAPOLIS, MINNESOTA 55401
612/343-0310

RECEIVED

OCT 10 1985

DIVISION OF OIL
GAS & MINING

October 8, 1985

Ms. Pam Kenna
State of Utah - Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite #350
Salt Lake City, UT 84180-1203

Dear Ms. Kenna:

Thank you for your letter of October 4, 1985 regarding the Utah State #3 well - Sec. 32, T24S, R12E in Emery County, Utah.

The well completion report filed with your office on April 15, 1985 was incorrect in that no logs were run on the Utah State #3 well.

We apologize for this inconvenience; would you like us to submit a corrected "Well Completion Report" for the Utah State #3.

Please contact us at (612) 343-0310 if you have any questions.

Sincerely,

Patrice M. Carlson

Patrice M. Carlson

:pmc



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 22, 1985

Rainy River Resources
430 First Avenue North #640
Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State 3 - Sec. 32, T. 24S., R. 12E.,
Emery County, Utah

Thank you for your letter dated October 8, 1985 regarding the above referenced well.

Please submit a corrected well completion report to this office as soon as possible to avoid any further requests for log being sent to your office.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/4

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS, AND MINING

111933

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML 33432</p>
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Permission to Plug & Abandon</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Rainy River Resources dba St. Croix Exploration</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR 430 1st Ave. N. -Suite 640, Minneapolis, MN 55401</p>		<p>8. FARM OR LEASE NAME Utah State</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		<p>9. WELL NO. 3</p>
<p>14. PERMIT NO. 43.015.30069</p>		<p>10. FIELD AND FOOT, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether RV, TV, OR, etc.) 5298 Gr</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T24S, R12E</p>
<p>12. COUNTY OR PARISH Emery</p>		<p>13. STATE Utah</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

Plan for Plugging and Abandon well #3
 Reason: No Commercial production

Move in and rig up rig. RIH w bailer to TD and check for fluid. If hole filled or partially filled with water, proceed with P & A. If oil is recovered, check quantity of oil in wellbore and report to Rainy River Resources for further instructions.

Pump 40 sacks for 100 feet plug. Pull tubing to set 40 sack plug across casing shoe. Trip out tubing.

Cut off surface casing 3½ feet below ground level. Fill hole with drilling mud. Set 10 sack surface plug. Weld on plate and dry hole markers. Reclaim location.

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

SIGNED Harvey A. Taylor TITLE Pres DATE 11-6-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 11-17-86
 BY: John R. Dyer

*See Instructions on Reverse Side

Macdonald Resources, Inc.

6662 East Long Avenue
Englewood, CO 80112
(303) 694-9447

February 21, 1987

RECEIVED
MAR 02 1987

**DIVISION OF
OIL, GAS & MINING**

Mr. John Baza, Petroleum Engineer
State of Utah
Division of Oil, Gas, & Mining
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

re: Rainy River Resources dba St. Croix Exploration
Sundry Notices & Reports on Well Abandonments
in Emery County Utah

Dear Mr. Baza:

On behalf of Rainy River Resources, we have enclosed
Sundry Notices & Reports for the nine wells which were
recently abandoned.

Yours truly,



Bruce N. Gies

Encl.

cc: Mr. Stan Tyler
Rainy River Resources

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

OPS 7

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Abandonment		5. LEASE DESIGNATION AND SERIAL NO. ML 33432
2. NAME OF OPERATOR Rainy River Resources dba St. Croix Exploration		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 030406
3. ADDRESS OF OPERATOR 430 1st Ave. N., Suite 640, Minneapolis, MN 55401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Utah State
14. PERMIT NO. 43-015-30009	15. ELEVATIONS (Show whether DP, NT, GR, etc.) 5298 GR	9. WELL NO. 3
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 32, T24S, R12E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)*

Feb. 14, 1987 - Sec 32 Well #3

9am - 4am rig up wireline & run bailer test, tag bottom w bailer @ 540 ft., fluid was right at bottom of hole. Fluid sample was black smelly water. Mix and pump 35 sack cement plug on top of bridge @ 540'. Mix and pump 3 bbl gel spacer. Mix and pump 35 sack cement plug across casing shoe @ 298'. Mix and pump 5 bbl gel spacer into casing. Mix and pump 10 sack surface cement plug. Install dryhole marker. Cleanup location.

RECEIVED
MAR 02 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED B.N. Gies TITLE Consultant DATE 2/26/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-3-87
BY: John R. Bay