

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

*6-26-72 location abandoned by Rainbow Resources*

DATE FILED 3-13-72

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-14970 INDIAN \_\_\_\_\_

DRILLING APPROVED: 3-14-72

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 6-26-72

FIELD: 786 Greater Cisco

UNIT: \_\_\_\_\_

COUNTY: Grand

WELL NO. BULL CANYON FEDERAL #4-1

API NO. 43-019-30098

LOCATION 2046 FT. FROM ~~XX~~ (S) LINE, 1675

FT. FROM ~~XX~~ (W) LINE. NW NE SW  $\frac{1}{4}$ - $\frac{1}{4}$  SEC. 4

11

TWP.	RGE.	SEC.	OPERATOR
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TWP.	RGE.	SEC.	OPERATOR:
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<u>20 S</u>	<u>21 E</u>	<u>4</u>
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B & C EXPLORATION &  
RAINBOW RESOURCES

Approved in accordance with Rule C-3

6-26-72 Location Abandoned

FILE NOTATIONS:

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....  
*(Handwritten checkmarks above each line)*

Checked by Chief *P.W.B.*  
Approval Letter *3-14-72*  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....  
W..... WW..... TA.....  
JW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

LOGS FILED

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**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

2. NAME OF OPERATOR  
**B & C Exploration Co., & Rainbow Resources, Inc.**

3. ADDRESS OF OPERATOR  
**c/o McIlroy-Adams & Co., Inc.  
 Rm 103 - 152 N. Durbin, Casper, Wyoming 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**NW, NE, SW Sec. 4-20S-21E, 1675' FWL & 2046' FSL**  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**12 miles north east of Thompson, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**1675'**

16. NO. OF ACRES IN LEASE  
**674.70**

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.  
**None**

19. PROPOSED DEPTH  
**3900'**

20. ROTARY OR CABLE TOOLS  
**Rotary 0 - 3900'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5805.3' GR**

22. APPROX. DATE WORK WILL START\*  
**3-20-72**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	240'	Cement to surface
7 7/8"	5 1/2"	14 & 15#	3900'	200 Sacks

It is proposed to drill a well at the above proposed location to a T.D. of 3900' (Entroda fm) for purpose of testing all oil and gas zones encountered. TEST BOP to 800 psig prior to drilling out surface casing and once every 24 hours thereafter. If oil and/or gas of commercial quantities is discovered 5 1/2" casing will be installed with 200 sacks cement. If no commercial quantities are discovered the well will be plugged P & A as per U.S. Geological Survey Instructions.

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 E.W. McIlroy sp TITLE Agent DATE 3-7-72

(This space for Federal or State office use)

PERMIT NO. 43-019-30098 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO. **U 14970**  
 6. IF INDIAN ALLOTTEE OR TRIBE NAME \_\_\_\_\_  
 7. UNIT AGREEMENT NAME \_\_\_\_\_  
 8. FARM OR LEASE NAME **Bull Canyon Federal**  
 9. WELL NO. **43-1**  
 10. FIELD AND POOL, OR WILDCAT **Wildcat**  
 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA **Sec. 4-20S-21E**  
 12. COUNTY OR PARISH **Grand** 13. STATE **Utah**  
 39-131  
 18-0-111-206  
 3-7-72  
 C-3

# WELL LOCATION

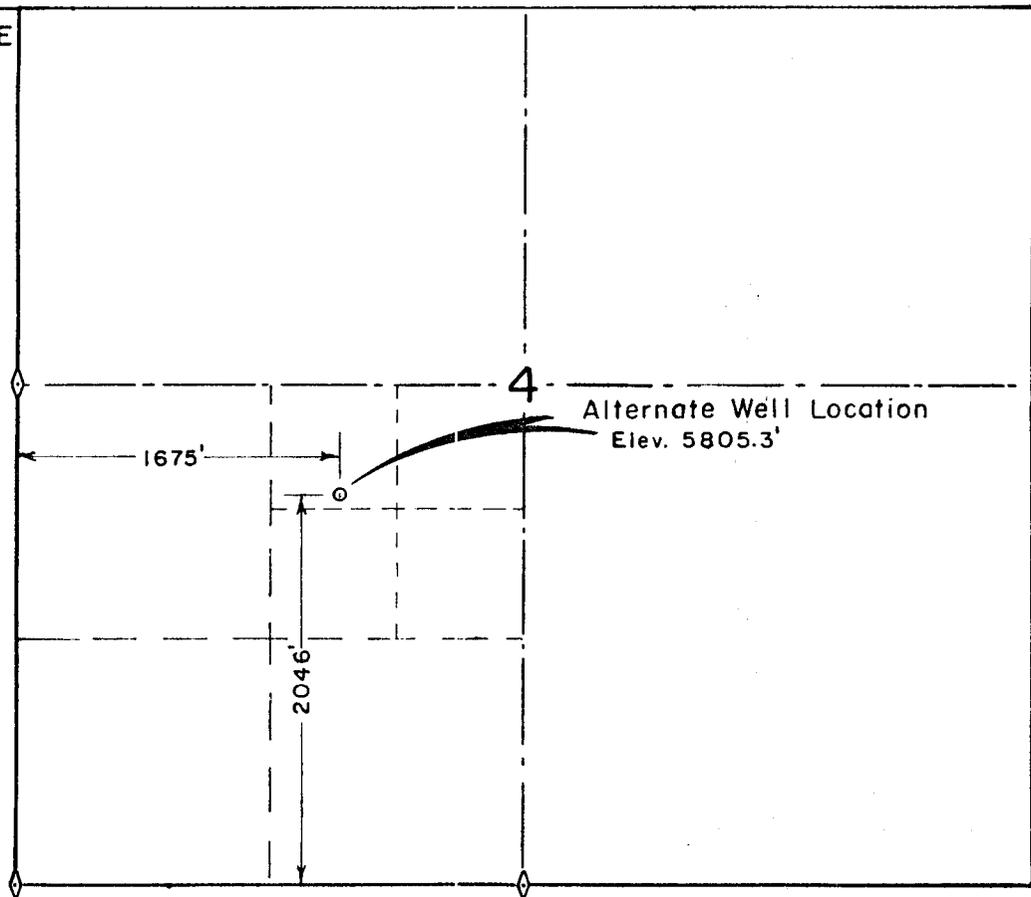
2046' NSL - 1675' EWL  
NE 1/4 SW 1/4 SECTION 4  
T20S R21E SLB & M



Scale 1" = 1000'

T 19S R21E

T20S R21E  
SLB & M



Elevation referred to U.S.G.S. datum.

Alternate Location	R. P. North 335'	Elev. 5818.5'
	R. P. East 215'	Elev. 5810.2'
	R. P. South 195'	Elev. 5797.5'
	R. P. West 220'	Elev. 5817.6'



I, Richard J. Mandeville do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Febr. 18, 1972.

*Richard J. Mandeville*  
Registered Land Surveyor

WESTERN ENGINEERS, INC. ALT. WELL LOCATION B & C EXPLORATION CO. AND RAINBOW RESOURCES, INC. GRAND COUNTY, UTAH
SURVEYED <u>J.A.P.</u> DRAWN <u>F.B.F.</u>
GRAND JUNCTION, COLO. 2/21/22

March 14, 1972

B & C Exploration Company &  
Rainbow Resources, Inc.  
c/o McIlroy-Adams & Company  
152 North Durbin  
Casper, Wyoming 82601

Re: Well No. Bull Canyon Fed. 4-1  
Sec. 4, T. 20 S, R. 21 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. Said approval is, however, conditional upon the following:

- (1) Written notification that your company owns or controls all acreage within a 660' radius of the proposed well site.
- (2) Written notification as to why this unorthodox location was selected, whether due to topography and/or geological reasons.

Should you determine whether or not it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

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 43-019-30098.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

**McILNAY-ADAMS CO., INC.**

REGISTERED PROFESSIONAL ENGINEERS

ROOM 103

152 NO. DURBIN

**CASPER, WYOMING 82601**EDWARD W. MCILNAY  
CHARLES K. ADAMS

March 20, 1972

PETROLEUM CONSULTING ENGINEERS  
PETROLEUM PROPERTY MANAGEMENT

Mr. Cleon B. Feight  
Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Well No. 4-1 Bull Canyon Fed.  
Sec. 4, T20S, R21E  
Grand County, Utah  
API #43-019-30098

Dear Mr. Feight:

This is written in response to your letter of March 14, 1972 and on behalf of our client B & C Exploration and Rainbow Resources, Inc. As per our telephone conversation the other day our client has informed us that they do not own or control all acreage within a 660' radius of the proposed well site. They have asked the off-set acreage owners to, by letter, indicate their acceptance of the location of subject well.

In answer to your second question, the well location was moved from a normal location due to topographical reasons.

If you have any more questions or require additional information, do not hesitate to contact the undersigned.

Very truly yours,

McILNAY - ADAMS & CO., INC.

  
Edward W. McIlly, P.E.

EWM/sp

cc: Rainbow Resources, INC.

MAR  
#1 1-1 Bull Canyon

June 5, 1972

USGS  
Branch of Oil & Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

Attention: Gerald R. Daniels

Re: Well #4-1 Bull Canyon Fed.  
NE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 4, T20S.,  
R21E., Grande County, Utah  
Oil & Gas Lease U-14970

Gentlemen:

In regard to the subject well and your letter to Mr. Edward McIlany of May 30, 1972. Rainbow Resources, Inc. has acquired B & C Exploration Company and merged it into Rainbow.

The subject test is located between two recently completed Morrison formation oil wells drilled by Toledo Mining Company. We plan to wait several months and observe the production history of these tests. If they appear to be capable of commercial production we will proceed with plans to drill this test. The location for this test is immediately adjacent to an existing road and would involve only minor locations problems.

Should this test be drilled, Rainbow will designate Petro-Lewis Oil Corporation, 1600 Broadway, Denver, Colorado, as operator and have them contact the Bureau of Land Management and your office concerning the necessary reports, etc.

Sincerely,

RAINBOW RESOURCES, INC.

Marvin A. Keller

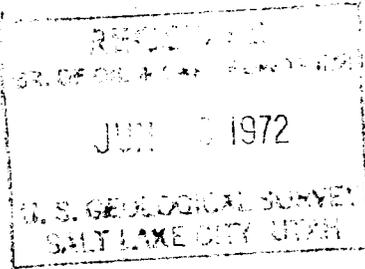
mjd



# RAINBOW RESOURCES, INC.

DON G. CARPENTER, President  
MARVIN A. KELLER, Vice-President  
305 GOODSTEIN BLDG.  
CASPER, WYOMING 82601  
PH. (307) 234-8966

JAMES H. PETERSEN, Director  
1801 FIRST NATIONAL BANK BLDG.  
DENVER, COLORADO 80202  
PH. (303) 893-2030



June 5, 1972

USGS  
Branch of Oil & Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

Attention: Gerald R. Daniels

Re: Well #4-1 Bull Canyon Fed.  
NE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 4, T20S.,  
R21E., Grande County, Utah  
Oil & Gas Lease U-14970

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In regard to the subject well and your letter to Mr. Edward McIlroy of May 30, 1972. Rainbow Resources, Inc. has acquired B & C Exploration Company and merged it into Rainbow.

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Sincerely,

RAINBOW RESOURCES, INC.

Marvin A. Keller

mjd

June 20, 1972

B & C Exploration Company &  
Rainbow Resources, Inc.  
c/o McIlnay-Adams & Company  
152 North Durbin  
Casper, Wyoming 82601

Re: Well No. Bull Canyon Gov't. 4-1  
Sec. 4, T. 20 S, R. 21 E,  
Grand County, Utah

Gentlemen:

Our records indicate that you have not filed a "Monthly Report of Operations" for the months of April and May, 1972, on the subject well.

Rule C-22(1), 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 9-331), "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. Enclosed are forms for your convenience.

Your cooperation with regard to this request will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DEROSE  
SUPERVISING STENOGRAPHER

Enclosures

4

Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

June 22, 1972

Mr. Marvin Keller  
Rainbow Resources, Inc.  
300 Goodstein Building  
Casper, Wyoming 82601

Re: Well 4-1 Bull Canyon Federal  
HR/OW# sec. 4-208-21E, SLM  
Grand County, Utah  
Lease U 14970

Dear Mr. Keller:

Thank you for your letter of June 5, 1972, advising that you do not wish to drill the referenced well for some time. We are returning herewith unapproved all three copies of your Application for Permit to Drill the well. We are also returning all three copies of the Designations of Operator in favor of Rainbow Resources by Cloud B. Humill and by B & C Exploration Company.

If you wish to have the period of liability of your lessee's bond terminated, please contact the Chief, Division of Technical Services, Bureau of Land Management, P. O. Box 11505, Salt Lake City, Utah 84111.

Sincerely,

(ORIG. SGD.) G. R. DANIELS

Gerald R. Daniels,  
District Engineer

cc: McIlroy-Adams Co., Inc.  
152 North Durbin  
Casper, Wyo. 82601

State Div. O&G Cons. (W/copy Rainbow Ltr) ✓



# RAINBOW RESOURCES, INC.

DON G. CARPENTER, President  
MARVIN A. KELLER, Vice-President  
305 GOODSTEIN BLDG.  
CASPER, WYOMING 82601  
PH. (307) 234-8966

JAMES H. PETERSEN, Director  
1801 FIRST NATIONAL BANK BLDG.  
DENVER, COLORADO 80202  
PH. (303) 893-2030

June 26, 1972

State of Utah  
Department of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Sheree DeRose

Gentlemen

Re: Bull Canyon #4-1 Well  
Section 4, T20S-R21E  
Grand County, Utah

*Abandoned  
potential*

Attached is a copy of a letter we sent to the USGS concern-  
ing this location.

Petro Lewis Oil Corporation will become the Operator of  
this well if and when it is drilled. I am forwarding a copy  
of your letter and the appropriate forms to use in keeping  
your office posted as to their activity.

Sincerely

RAINBOW RESOURCES, INC.

Marvin A. Keller

plw  
attachment  
cc: Don Vickery  
Petro Lewis Oil Corporation  
1600 Broadway  
Denver, Colorado 80202