

UNITED STATES  
DEPARTMENT OF THE INTERIOR

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
b. TYPE OF WELL DRILL  DEEPEN   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR Attention: Julie L. Acevedo  
Amoco Production Company

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 800, Denver, Colorado 80201 (303) 830-6003

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 2180 FSL & 2117 FWL  
At proposed 2399' & 2178'

5. LEASE DESIGNATION AND SERIAL NO. U-73714

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. Rat Hole Canyon 23-14

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23  
Township 14S Range 25E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 27 miles from Bonanza, UT

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

16. NO. OF ACRES IN LEASE 2120

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 SW/4

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 4700' TD

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) -7241' GR 7266'

22. APPROX. DATE WORK WILL START\* 07-01-95

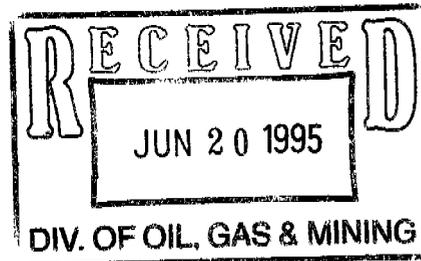
23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT                     |
|--------------|-----------------------|-----------------|---------------|--|
| 12 1/4"      | 9 5/8" J-55           | 36#             | 350'          | 220 cf of CI A Cement Circ. to Surface |
| 8 3/4"       | 7" N-80               | 23#             | 3850'         | 807cf                                  |
| 6 1/4"       | 4 1/2" WC75           | 11.6#           | 4700'         | 136cf                                  |

Lease Description: T14S-R25E: Sec. 22: NE/4NE/4, S/2NE/4, SE/4NW/4, S/E;  
Sec. 23: ALL; Sec. 25: SE/4; Sec. 26: N/2NW/4, SW/4; Sec. 27: N/2NE/4, SE/4NE/4, W/2, SE/4.

Amoco Production Company proposes to drill to 4700' TD to test the Mancos.

Nation Wide BLM Bond No. #35583



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Julie L. Acevedo TITLE Sr. Staff Assistant DATE 6/18/95

(This space for Federal or State office use)

PERMIT NO. 43-047-32705 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY

APPROVED BY Matthews TITLE Petroleum Engineer DATE 8/23/95

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

|  |  |   |  |
|--|--|---|--|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>U-73714  |  |
| b. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                       |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |  |
| 2. NAME OF OPERATOR<br>Amoco Production Company<br>Attention: Julie L. Acevedo   |  | 7. UNIT AGREEMENT NAME  |  |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. Box 800, Denver, Colorado 80201      (303) 830-6003   |  | 8. FARM OR LEASE NAME, WELL NO.<br>Rat Hole Canyon 23-14                                      |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface 2180FSL & 2117FWL<br>At proposed prod. zone |  | 9. API WELL NO.   |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br>27 miles from Bonanza, UT   |  | 10. FIELD AND POOL, OR WILDCAT<br>Wildcat   |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)                                  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Section 23<br>Township 14S      Range 25E |  |
| 16. NO. OF ACRES IN LEASE<br>2120  |  | 12. COUNTY OR PARISH<br>Uintah  |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>160 SW/4   |  | 13. STATE<br>Utah   |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  |  | 20. ROTARY OR CABLE TOOLS<br>Rotary   |  |
| 19. PROPOSED DEPTH<br>4700' TD   |  | 21. APPROX. DATE WORK WILL START*<br>07-01-95   |  |
| 21. ELEVATIONS (Show whether DF, RT, GR., etc.)<br>7241' GR  |  |   |  |

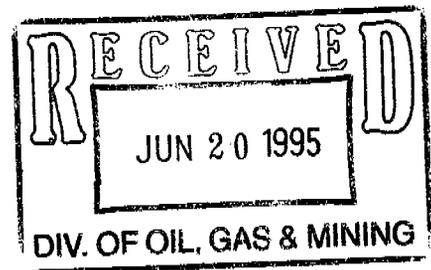
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Lease Description: T14S-R25E: Sec. 22: NE/4NE/4, S/2NE/4, SE/4NW/4, S/E;  
Sec. 23: ALL; Sec. 25: SE/4; Sec. 26: N/2NW/4, SW/4; Sec. 27: N/2NE/4, SE/4NE/4, W/2, SE/4.

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Nation Wide BLM Bond No. #35583



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24. SIGNED Julie L. Acevedo TITLE Sr. Staff Assistant DATE 6/18/95

(This space for Federal or State office use)  
PERMIT NO. 43-047-32705 APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY  
APPROVED BY [Signature] TITLE Petroleum Engineer DATE 8/23/95

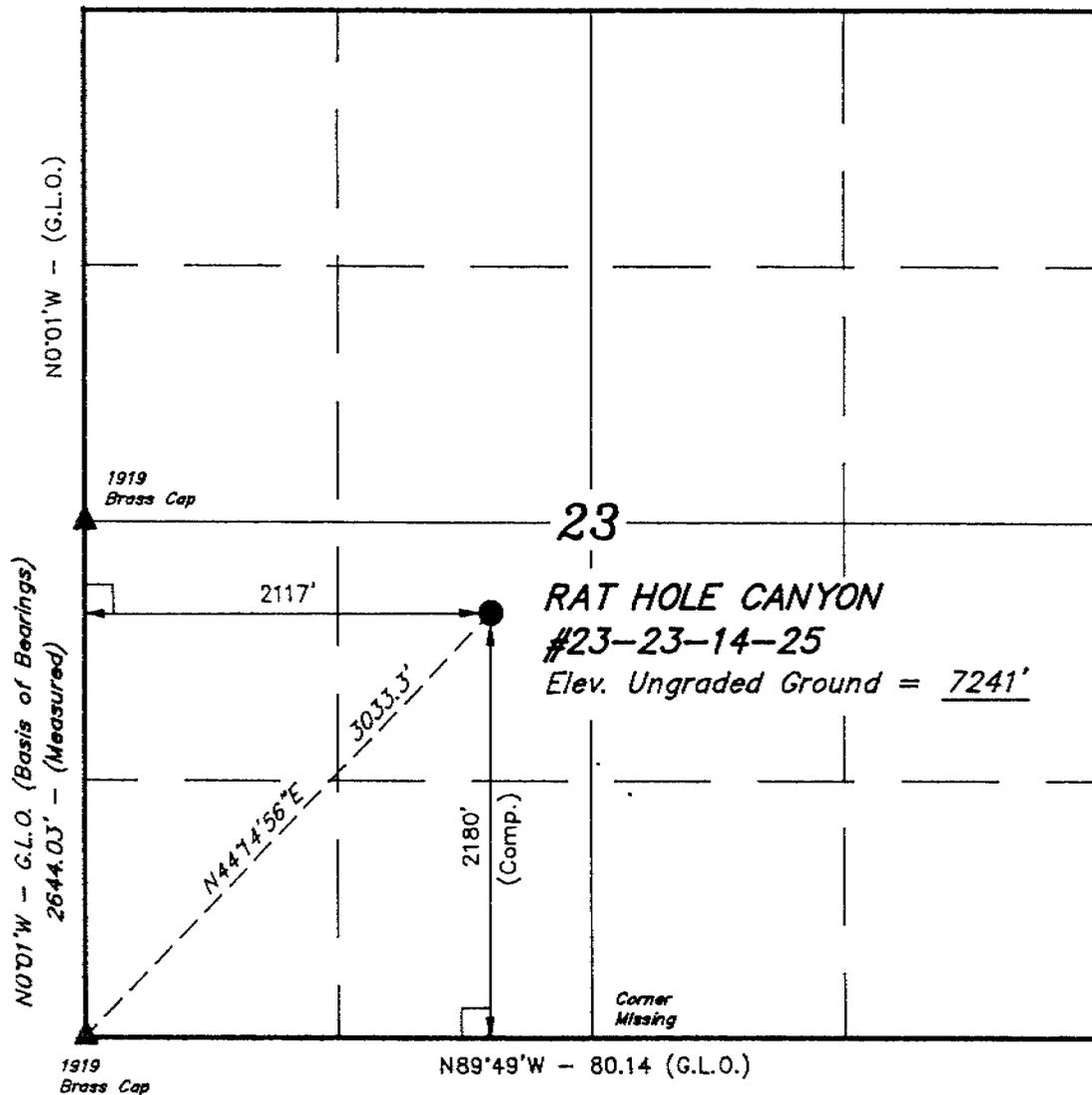
\*See Instructions On Reverse Side

T14S, R25E, S.L.B.&M.

AMOCO PRODUCTION COMPANY

Well location, RAT HOLE CANYON #23-23-14-25,  
 Located as shown in the NE 1/4 SW 1/4 of  
 Section 23, T14S, R25E, S.L.B.&M. Uintah  
 County, Utah.

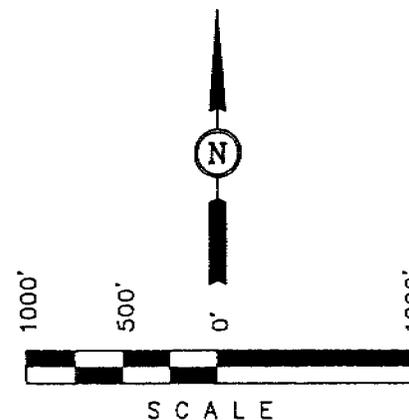
N89°51'W - 80.14 (G.L.O.)



N0°01'W - (G.L.O.)

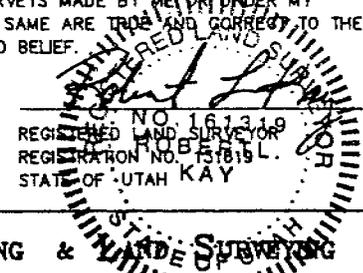
BASIS OF ELEVATION

BOOK TRIANGULATION LOCATED IN THE SW 1/4 OF SECTION 26, T5S, R104W, 6th P.M. TAKEN FROM THE RAT HOLE RIDGE QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 8454 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, PRI UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

|                           |                                  |                        |
|---------------------------|----------------------------------|------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>5-25-95        | DATE DRAWN:<br>5-31-95 |
| PARTY<br>G.S. J.K. D.R.B. | REFERENCES<br>G.L.O. PLAT        |                        |
| WEATHER<br>COOL           | FILE<br>AMOCO PRODUCTION COMPANY |                        |

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/20/95

API NO. ASSIGNED: 43-047-32705

WELL NAME: RAT HOLE CANYON 23-14-25  
 OPERATOR: AMOCO PRODUCTION COMPANY (N0050)

PROPOSED LOCATION:  
 NESW 23 T14S - R25E  
 SURFACE: ~~2180-FSL-2117-FWL~~  
 BOTTOM: ~~2180-FSL-2117-FWL~~ 2178  
 UINTAH COUNTY  
 WILDCAT FIELD (001)

|                          |          |      |
|--------------------------|----------|------|
| INSPECT LOCATION BY: / / |          |      |
| TECH REVIEW              | Initials | Date |
| Engineering              |          |      |
| Geology                  |          |      |
| Surface                  |          |      |

LEASE TYPE: FED  
 LEASE NUMBER: U - 73714

PROPOSED PRODUCING FORMATION: MNCSB

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal  State  Fee   
 (Number 35583)  
N Potash (Y/N)  
N Oil shale (Y/N)  
N Water permit  
 (Number \_\_\_\_\_)  
N RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
 \_\_\_ R649-3-2. General.  
 R649-3-3. Exception.  
 \_\_\_ Drilling Unit.  
 \_\_\_ Board Cause no: \_\_\_\_\_  
 \_\_\_ Date: \_\_\_\_\_

COMMENTS: WATER PERMIT NUMBER NEEDED PRIOR TO  
SPUD. SURFACE IS BLM; LEASED TO ROCKY MOUNTAIN  
ELK FOUNDATION.

STIPULATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

U-73714

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rat Hole Canyon 23-14-25 #1

9. API Well No.

43-047-32705

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah Utah

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator Attention:  
Amoco Production Company Julie L Acevedo

3. Address and Telephone No.  
P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2399' 2178'  
2180FSL 2142FWL Sec. 23 T 14S R 25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION   |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment                   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion                  |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Plugging Back                 |
|  | <input type="checkbox"/> Casing Repair                 |
|  | <input type="checkbox"/> Altering Casing               |
|  | <input checked="" type="checkbox"/> Other Complete APD |
|  | <input type="checkbox"/> Change of Plans               |
|  | <input type="checkbox"/> New Construction              |
|  | <input type="checkbox"/> Non-Routine Fracturing        |
|  | <input type="checkbox"/> Water Shut-Off                |
|  | <input type="checkbox"/> Conversion to Injection       |
|  | <input type="checkbox"/> Dispose Water                 |

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

13. 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.)\*

Please be advised that Amoco Production Company is considered to be the Operator of the above mentioned well. Amoco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

12 1/4" size of hole with new 9 5/8" casing 36# J-55, STC.

8 3/4" size of hole with new 7" casing 23# N-80, LTC.

6 1/4" size of hole with new 4 1/2" casing 11.6# WC75, LTC.

Amoco Production Company intends to changed the name of the subject well. From Rat Hole Canyon 23-14-25  
To: Rat Hole Canyon 23-14-25 #1

See attached for additional information to complete the APD:

RECEIVED  
JUL 24 1995

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

Signed Julie L Acevedo Title Sr. Staff Assistant Date 07-21-1995

(This space for Federal or State office use)

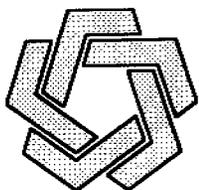
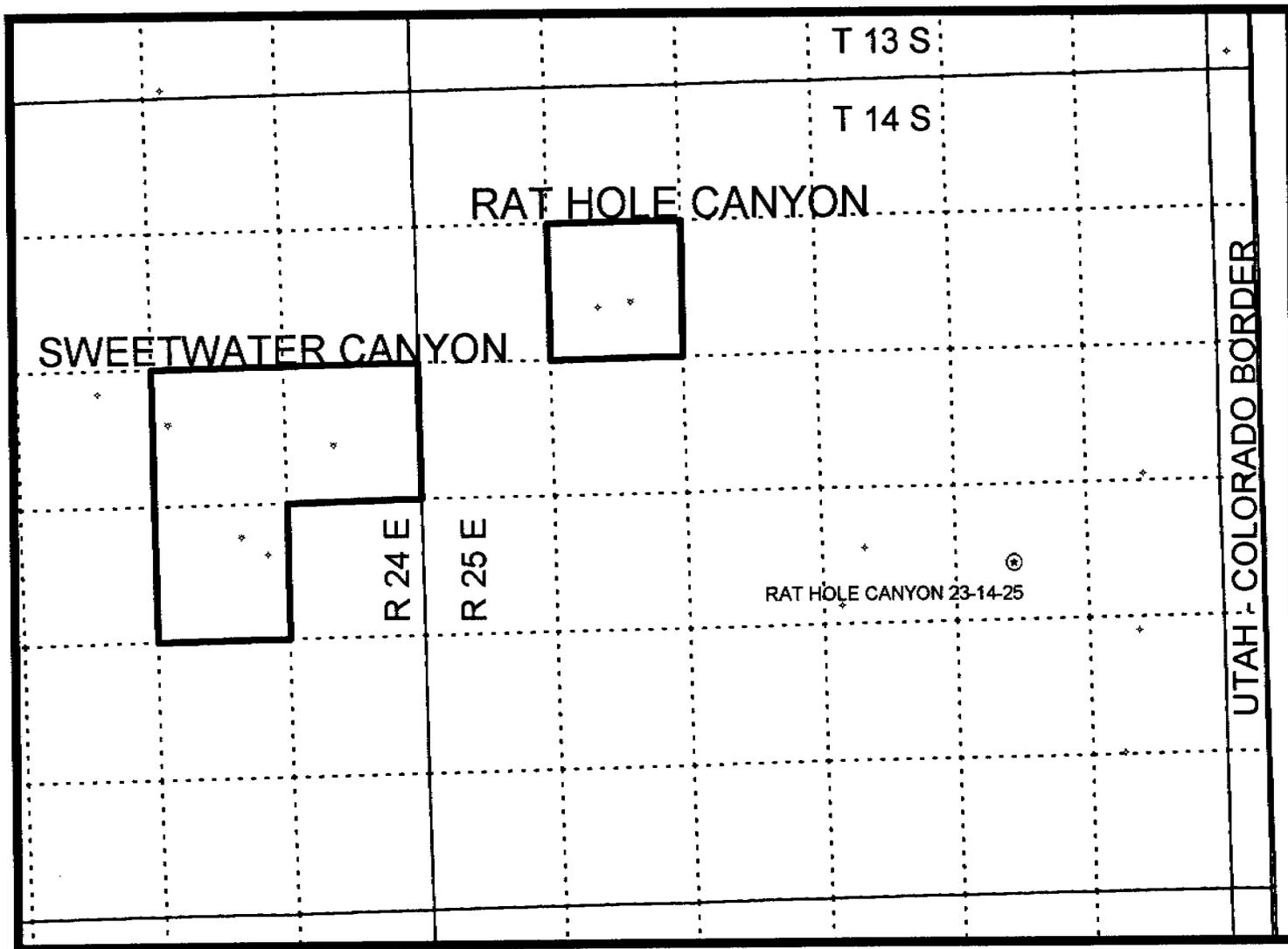
Approved by [Signature] Title Assistant District Manager Minerals Date AUG 23 1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

\* See Instructions on Reverse Side

AMOCO PRODUCTION CO.  
EXPLORATORY DRILLING  
UINTAH COUNTY, NO SPACING





August 4, 1995

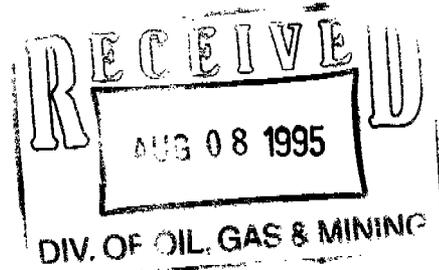
Southern

Rockies

Business

Unit

Mr. Frank Mathews  
Utah Board of Oil, Gas, and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake city, Utah 84180-1203



**Application for Exception to General Rule R649-3-2  
Rat Hole Canyon 23-14-25 #1  
2399' FSL & 2178' FWL Section 23, T14S-R25E  
Uintah County, Utah**

43-047-32705

Amoco Production Company hereby makes application for administrative approval for a location exception for the Rat Hole Canyon 23-14-25 #1-referenced above. This well requires an exception location since it will not be located within 200' of the center of the 40 acre quarter-quarter section. Amoco was required to move the well to the referenced location by the BLM inspector and BLM Wildlife Biologist during an onsite inspection in order to avoid a streambed running through the legal drilling window. Attached to aid in your review is a location plat for the well and a topographic map of the area.

Amoco Production Company's agent Wells Petroleum Inc. is the record title holder to Federal Lease UTU-73714 which includes among other lands all of Section 23, T14S-R25E. Therefore, no additional notice is required for this application. If you require any additional information concerning this application, please contact me at (303) 830-5072.

Sincerely,

J. W. Hawkins  
Regulatory Affairs

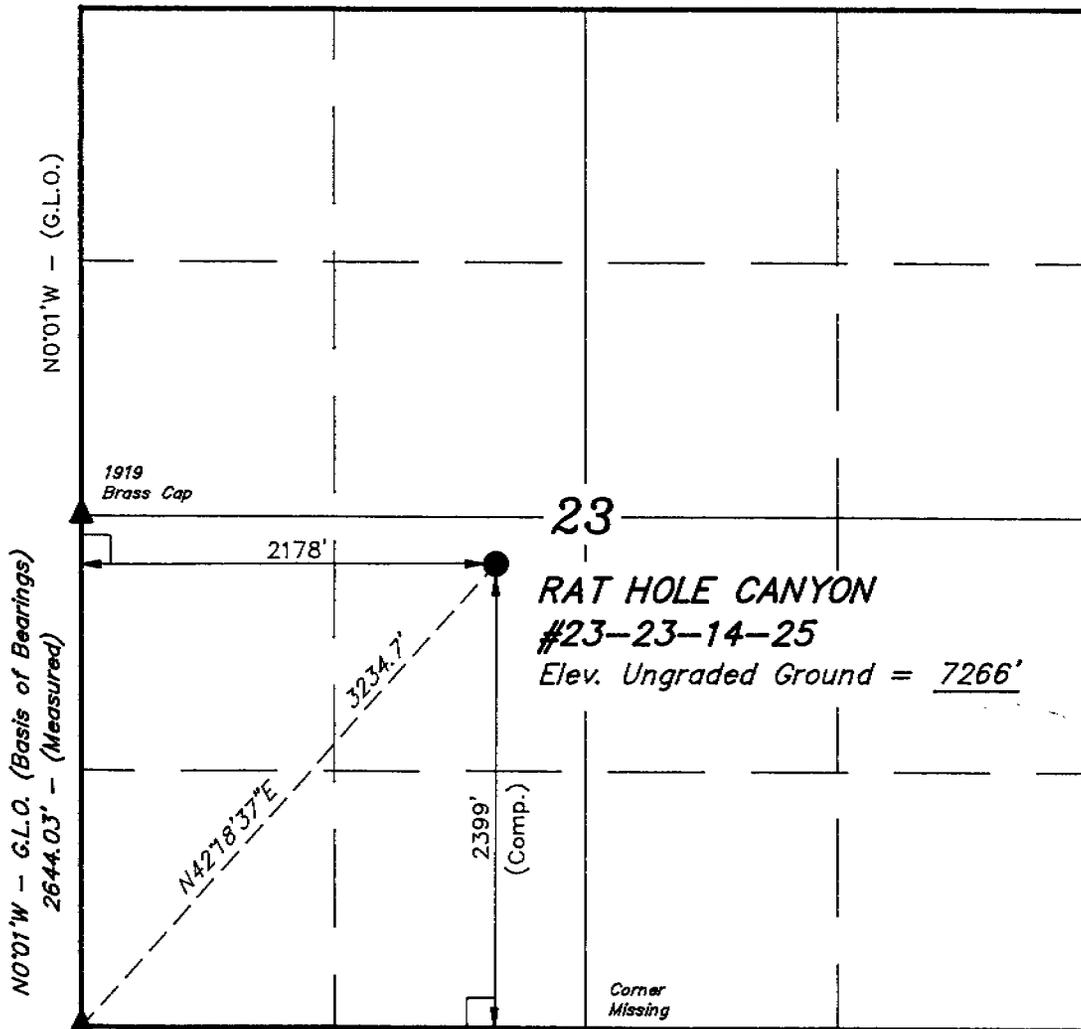
cc: Julie Acevedo  
Bill Alleman

T14S, R25E, S.L.B.&M.

AMOCO PRODUCTION COMPANY

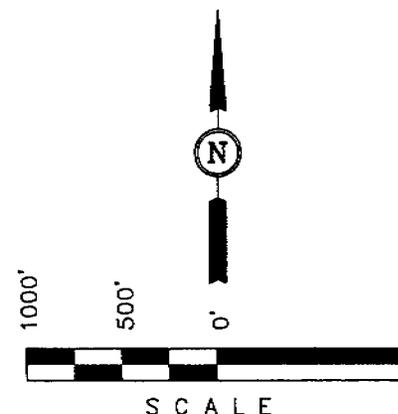
Well location, RAT HOLE CANYON #23-23-14-25,  
 Located as shown in the NE 1/4 SW 1/4 of  
 Section 23, T14S, R25E, S.L.B.&M. Uintah  
 County, Utah.

N89°51'W - 80.14 (G.L.O.)



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 BY THE UNITED STATES DEPARTMENT OF THE INTERIOR,  
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CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 131619  
 STATE OF UTAH

Revised: 8-02-95 D.R.B.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

|                           |                                  |                        |
|---------------------------|----------------------------------|------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>5-25-95        | DATE DRAWN:<br>5-31-95 |
| PARTY<br>G.S. J.K. D.R.B. | REFERENCES<br>G.L.O. PLAT        |                        |
| WEATHER<br>COOL           | FILE<br>AMOCO PRODUCTION COMPANY |                        |

LEGEND:

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- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**RECEIVED**  
 AUG 08 1995  
 DIV. OF OIL, GAS & MINING

**AMOCO PRODUCTION COMPANY  
DRILLING AND COMPLETION PROGRAM**

**FINAL COPY**

Lease:  
County: UTAH, UTAH  
Former name:

Well No. Rat Hole Canyon 23-14-25  
Location: 2180 FSL, 2117 FWL, S 23, T14S, R25E  
Field:

File No.: RATCANY.XLS  
Date: 8/13/95

25 14

**OBJECTIVE:** Exploit Mancos "B" Formation

| METHOD OF DRILLING            |                   | APPROXIMATE DEPTHS OF GEOLOGICAL MARKER |             |                |
|-------------------------------|-------------------|---|-------------|----------------|
| TYPE OF TOOLS                 | DEPTH OF DRILLING | Actual GL-----Estimated KB              | 7240        | 7253           |
| Rotary                        | 0 - TD            | Marker                                  | Depth (ft.) | SS Elev. (ft.) |
| <b>LOGGING PROGRAM</b>        |                   |   |             |                |
| TYPE                          | DEPTH             | Wasatch*                                | 13          | 7,240          |
|                               |                   | Mesaverde*                              | 340         | 6,913          |
|                               |                   | Castlegate*                             | 3,052       | 4,201          |
|                               |                   | Mancos Shale                            | 3,422       | 3,831          |
|                               |                   | Mancos "B" Sand**                       | 4,100       | 3,153          |
|                               |                   | Base of Mancos "B"                      | 4,502       | 2,751          |
| High Resolution Induction DFL |                   |   |             |                |
| Spectral Density              | SFC--ICP--TD      |   |             |                |
| Epithermal Neutron            |                   |   |             |                |
| 4-arm caliper                 |                   |   |             |                |
| SP *                          |                   |   |             |                |

**REMARKS:**  
\* SP will only be run if hole contains mud  
Logging program will be serviced by Halliburton

**TOTAL DEPTH** 4,700 2,553  
\* Possible pay  
\*\* Probable completion  
**GREEN RIVER, WASATCH & MESAVERDE  
POSSIBLE USEABLE WATER**

| SPECIAL TESTS |                     | DRILL CUTTING SAMPLES |       | DRILLING TIME |        |
|---------------|---------------------|-----------------------|-------|---------------|--------|
| TYPE          | DEPTH INTERVAL, ETC | FREQUENCY             | DEPTH | FREQUENCY     | DEPTH  |
| None          |                     | None                  | **10' | Geolograph    | 0 - TD |

**Remarks:**  
Mud Logging Program: Rocky Mtn. Geo-Engineering  
Coring Program: None

**MUD PROGRAM:**

| Approx. Interval | Type Mud                 | Weight, #/gal | Vis, sec/qt.  | W/L, cc's/30 min. |
|------------------|--------------------------|---------------|---|-------------------|
| 0---SCP          | SPUD                     | 8.5-9.0       | Sufficient to clean hole.*                          | NC                |
| SCP---ICP        | Air/Air-mist/Aerated Mud | 1.0-8.5**     | Suff. to clean hole and maintain integrity fl logs. | > 10              |
| ICP---TD         | Air***                   | N/A           |   |                   |

**REMARKS:**  
\* Probable to set surface with "dry-hole digger".  
\*\* Attempt to maintain a minimum underbalance to readily detect gas shows.  
\*\*\* Should the intermediate hole not produce water and/or gas in sufficient quantities to interfere with drilling the Mancos "B" sand dry; no intermediate casing will be run, the hole will be drilled to TD with an air-air/mist circulating medium and 5 1/2" casing will be set and cemented. The cementing program will have adequate strength to protect the water sands and to test any upper prospective gas/oil shows.

**CASING PROGRAM:**

| Casing String    | Estimated Depth (KB) | Liner Top | Casing Size | Hole Size | Landing Point, Cement, Etc |
|------------------|----------------------|-----------|-------------|-----------|----------------------------|
| Conductor        |                      |           |             |           |                            |
| Surface          | 350                  |           | 8 5/8"      | 12 1/4 "  | 1,2                        |
| Intermediate     | 3,850                |           | 7 "         | 8 3/4"    | 1,2,3                      |
| Production Liner | 4,700                | 3615      | 4 1/2"      | 6 1/4"    | 4.                         |

**Remarks:**  
1. Circulate cement to surface.  
2. Piceance Basin Drilling Team to design cement programs.  
a. Cement will be circulated to surface utilizing stage tools or reverse circulation method if necessary.  
b. Cement will have adequate strength to protect water sands and to perforate and test any upper prospective gas/oil shows.  
3. Casing set 250' Above Top of Mancos "B".  
4. Liner top set 235' above intermediate landing point and cement will be circulated to liner top.

**GENERAL REMARKS:**  
Piceance Basin Completion Team to design completion program.

Form 48 Reviewed by: Logging program reviewed by:  
**PREPARED BY:** Bilyeu/Feldcamp/Kendrick **APPROVED:** **APPROVED:**  
Form 48 7-84bw For Production Dept For Exploration Dept.

**AMOCO PRODUCTION COMPANY**

Cementing Procedure/form 46

Well Name: **Rat Hole Canyon 23-14-25**

2180 FSL, 2117 FWL, S 23, T14S, R25E

Amoco proposes to drill the well to develop the Mancos "B" reservoir.  
 The well will be drilled to the surface casing point and casing set utilizing a "dry-hole digger".  
 The well will then be drilled to the intermediate casing point with an air/air-mist/aerated water/non-dispersed mud system.  
 The production hole will be drilled with air through the Mancos "B" Sand.

**Surface Casing:**

| Depth (ft)         | Size (in) | Description    | Cement program   |
|--------------------|-----------|----------------|--|
| 350                | 8 5/8"    | 36#, J-65, STC | 219 cf Type 5 Halliburton Cement, 2% CaCl2 + 0.25 #/sk Flocele.<br>1.15 cf/sx, 15.8 ppg. |
| Hole Size: 12 1/4" |           |                | Excess cement: 100% (150% excess if boulders or drilling losses occur) <b>191 sacks</b>  |

**Intermediate Casing:**

| Depth (ft)                   | Size (in) | Description                                  | Cement program  |
|------------------------------|-----------|--|---|
| 3850                         | 7"        | 23#, N-80, LTC                               | * 2 stage   |
|                              |           | * 1st Stg lead                               | 48 cf 50/50 Type 5 Halliburton Cement/Blended Silicalite w/ 4% Gel (total) 1.0% EX-1, 0.4% Haled-344, 4% CaCl2, & 0.5 #/sk Flocele<br>4.4 cf/sx, 10.1 ppg. <b>11 sacks</b>  |
|                              |           | * 1st Stg Tail:                              | 204 cf 50/50 Type 5 Halliburton Cement/Blended Silicalite w/ 2.0% Gel (total), 0.5% Versaset, 0.4% Haled-344, 2.0% CaCl2, & 0.25#/sk Flocele<br>2.04 cf/sx, 12.0 ppg.       |
| Top of upper Castlegate Sand | 3052 ft   |  | <b>100 sacks</b>  |
| Stage tool depth             | 2652      | ft, 400' above top of upper Castlegate Sand. |   |
|                              |           | * 2nd Stg Lead:                              | 339 cf 50/50 Type 5 Halliburton Cement/Blended Silicalite w/ 4% Gel (total) 1.0% EX-1, 0.4% Haled-344, 4% CaCl2, & 0.5 #/sk Flocele<br>4.4 cf/sx, 10.1 ppg. <b>77 sacks</b> |
|                              |           | * 2nd Stg Tail:                              | 204 cf 50/50 Type 5 Halliburton Cement/Blended Silicalite w/ 2.0% Gel (total), 0.5% Versaset, 0.4% Haled-344, 2.0% CaCl2, & 0.25#/sk Flocele<br>2.04 cf/sx, 12.0 ppg.       |
| Hole size: 8 3/4"            |           |  | Excess cement: 40% (60% + 5-10 #/sk of gilsonite if drilling losses occur) <b>100 sacks</b>   |

**Production Casing (LINER)**

| Depth (ft)        | Top of Liner | Size (in) | Description  | Cement program   |
|-------------------|--------------|-----------|--|--|
| 4700              | 3615         | 4 1/2"    | 11.6#, WC76, LTC   |  |
| * 1st Stg Tail:   |              |           |  | 135 50/50 Type 5 Halliburton Cement/Poz A w/ 2.0% Gel (total), 5#/sk Gilsomite, 0.4% Haled-344, 10% NaCl2 (bwow), 0.25 #/sk Flocele<br>1.32 cf/sx, 13.8 ppg. |
| Hole size: 6 1/4" |              |           | Excess cement: 28% (50% if drilling losses occur or no cement job - open hole completion) <b>102 sacks</b> |  |

Note: If caliper logs are run, utilize caliper volume per AMOCO DOC specifications.

BY: BILYEU/PEISER/KENDRICK

06/13/95

**PICEANCE BASIN  
MANCOS "B" FORMATION  
PRESSURE CONTROL EQUIPMENT  
WITH NO INTERMEDIATE CASING**

**Background**

The objective Mancos "B" formation bottom hole pressure is estimated to be approximately 0.2 psi/ft with a maximum surface pressure of less than 1,000 psig based on shut-in surface pressures from wells in the region. Pressures of any of the other possible producing zones are estimated to be less than 0.3 psi/ft based on studies of the region; resulting in less than 1,000 psi surface shut-in pressure. Pressure control equipment working pressure minimum requirements are therefore 2,000 psi. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2,000 psi system per Federal Onshore Order No. 2. Due to the available conventional equipment within the area, 3,000 psi rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rigs to be utilized have substructure height limitations which exclude use of an annular preventer; therefore a rotating head will be installed above these rams. A bleed line, gas buster and choke manifold will be efficiently installed to allow switching from air/mist to an aerated system should water flows occur. This pressure control equipment will be utilized for the proposed air, air/mist or aerated water drilling below surface casing to Total Depth. No abnormal temperature, pressure or Hydrogen Sulfide gas is anticipated.

**Equipment Specification**

**Interval**

Below surface casing to total depth

**BOP Equipment**

11" or 9", 3,000 psi double ram  
preventer with rotating head

All ram preventers and related control equipment will be hydraulically tested to 250 psi (low pressure) and 2,000 psi (high pressure) upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP Equipment will include kelly cock, floor safety valve with appropriate handles stored in readily available areas and the choke manifold. This equipment will also be tested to the equivalent pressures at the those intervals as specified above.



# PICEANCE MULTIPOINT REQUIREMENTS

## 1. Existing Roads

- A. The proposed location is staked as shown on the Certified Plat.
- B. Route and distance from nearest town is identified on the form 3160-3, item #14 (also, see Exhibit A).
- C. Access road(s) to location are identified on Exhibits A and B.
- D. Not applicable unless exploratory well.
- E. All existing roads within one-mile radius of the well site are shown on Exhibit B.
- F. Improvement and/or maintenance of existing roads may be done as deemed necessary for Amoco's operations, or as required by the surface management agency.

## 2. Access Roads

- A. Width, maximum grades and turnouts will be determined at the onsite inspection by the BLM.
- B. Drainage will be used as required.
- C. Size and location of culverts, if needed, will be determined at the onsite inspection or during construction.
- D. Surfacing materials may be applied to the proposed road and/or location if the conditions merit it.
- E. Gates and/or cattle guards will be installed at fence crossings if deemed necessary by the land owner or the surface management agency.
- F. The proposed new access road is center-line flagged if applicable

## 3. Location of Existing Wells

- A-H. All existing wells, to the best of our knowledge, are identified on Exhibit C (9 section plat).

## 4. Location of Existing and/or Proposed Facilities

- A. All existing facilities owned or controlled by Amoco are shown on Exhibits D and E.
- B. If this proposed well is productive, Amoco will own or have control of these facilities on location: storage tanks, wellhead, production unit, and if applicable, a pump jack and/or compressor. Also there will be buried production lines from the wellhead to the production unit and/or storage tanks. Amoco will submit a Sundry Notice when off-pad plans are finalized.
- C. Rehabilitation, whether the well is productive or not, will be made on all unused areas in accordance with surface owner or manager approval.

## 5. Location and Type of Water Supply

A. Water will be obtained from a privately permitted water source secured through a contract water hauling company. It will be hauled in vacuum trucks via the access road (Exhibit A). The appropriate permits for this activity have been obtained by the water transporter.

## 6. Source of Construction Materials

A. - D. No off-site materials will be needed to build the proposed location or access road. Off site materials may be used if deemed necessary by Amoco and the surface management agency.

## 7. Methods of Handling Waste Disposal

A. Cuttings, drilling fluids, and produced fluids will be contained in the reserve pit and be allowed to evaporate. The reserve pit will be fenced on three sides and the 4th side will be fenced upon removal of the rig. The pits will be allowed to sit for 1 year to dry and then pulled as required. Produced water will be disposed of at an approved injection well or an evaporation site. Sanitary facilities and a steel mesh portable trash container will remain on location throughout drilling operations and will then be removed to a designated disposal area. The well site will be properly cleaned up upon removal of the rig.

## 8. Ancillary Facilities.

A. To the best of our knowledge, no ancillary facilities will be needed at this time.

## 9. Well Site Layout

A-C. Cross-sections, etc. - See Exhibit D. Exact location of rig related equipment will be determined when Amoco contracts a drilling rig; however, all this equipment will be contained on location. The location diagram reflects actual area of well pad. Total disturbed area will vary due to cut and fill slopes.

D. Reserve pit(s):

Will be lined with (8-10 mil reinforced plastic, size sufficient to cover pit area and fit underneath a rig tank.) or unlined. This will be as required by the surface management agency and will be determined at the onsite.

## 10. Plans for Restoration of Surfaces

A. Restoration of the surface will be conducted after the reserve pit has dried. The pit will then be cleaned up and back filled and the entire disturbed area will be re-contoured. The topsoil stockpile will then be uniformly placed over this area and reseeding of the site will be carried out as instructed by the appropriate management agency. Methods to protect against erosion will be employed. After final abandonment, additional restoration efforts will be applied.

## 11. Surface Ownership

A. The surface owner is

Patented Free

## 12. Other Information

### A. General Description

1. Archeological clearance, topography, soil character, and flora and fauna are detailed in the archeologist's report forwarded by an approved contract archaeologist to the appropriate management agency.
2. Land uses include recreation, grazing and oil and gas development.

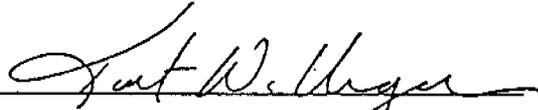
## 13. Operator's Representative and Certification

Amoco Production Company  
Kurt W. Unger  
Drilling Superintendent  
P.O. Box 800  
Denver, Colorado 80201-0800

(303) 830-6036

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 2 June 1995



Kurt W. Unger, Drilling Superintendent

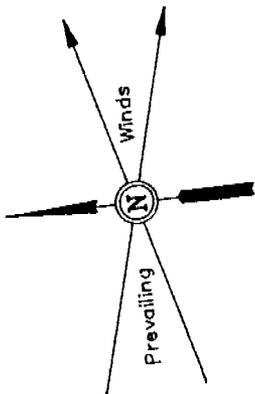
# AMOCO PRODUCTION COMPANY

## LOCATION LAYOUT FOR

RAT HOLE CANYON #23-23-14-25

SECTION 23, T14S, R25E, S.L.B.&M.

2180' FSL 2117' FWL



SCALE: 1" = 50'  
DATE: 5-31-95  
Drawn By: D.R.B.

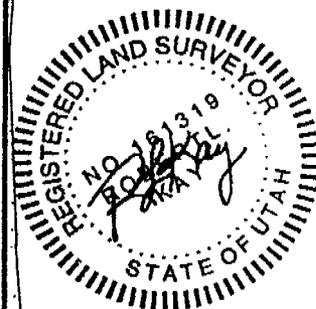
C-2.2'  
El. 40.4'

C-10.6'  
El. 48.8'

C-7.3'  
El. 45.5'

Topsoil Stockpile

Sta. 3+25



Approx.  
Top of  
Cut Slope

El. 53.0'  
C-24.8'  
(btm. pit)

El. 45.3'  
C-7.1'

C-3.1'  
El. 41.3'

Sta. 1+50

F-5.7'  
El. 32.5'

Approx.  
Toe of  
Fill Slope

Sta. 0+00

El. 40.7'  
C-12.5'  
(btm. pit)

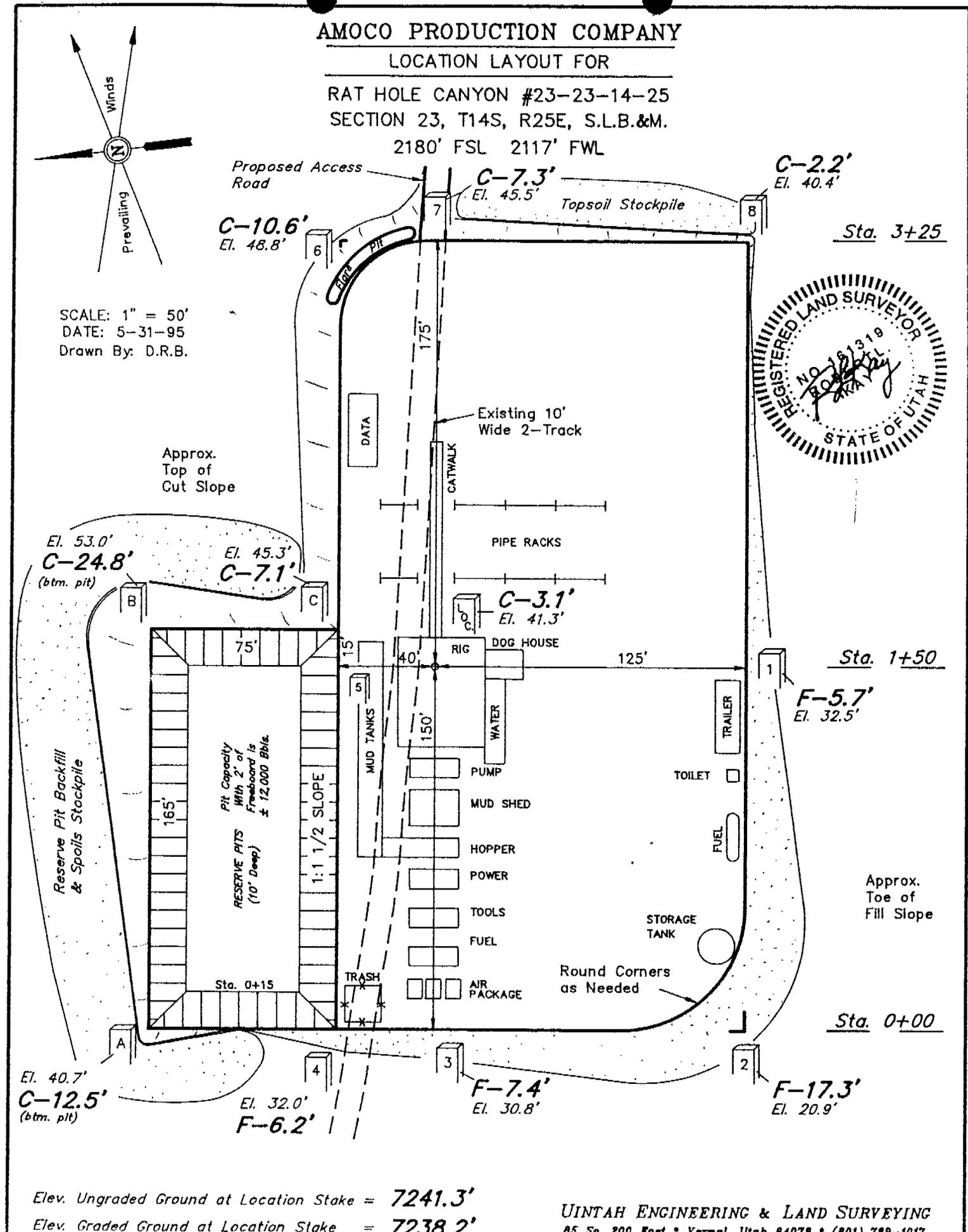
El. 32.0'  
F-6.2'

F-7.4'  
El. 30.8'

F-17.3'  
El. 20.9'

Elev. Ungraded Ground at Location Stake = 7241.3'  
Elev. Graded Ground at Location Stake = 7238.2'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 788-1017



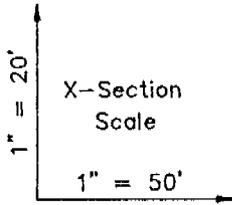
# AMOCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

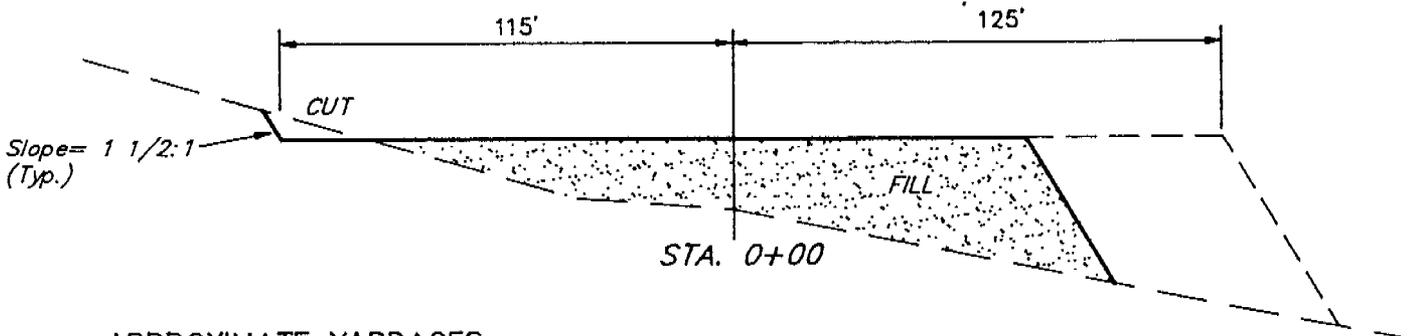
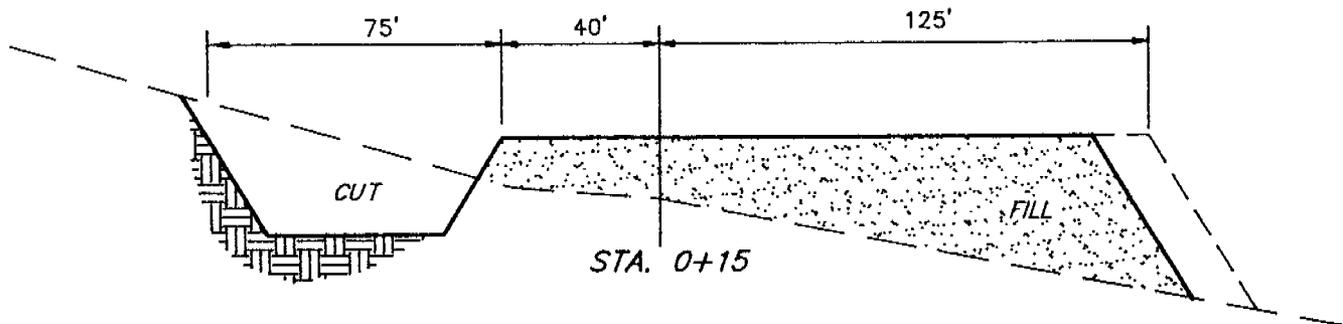
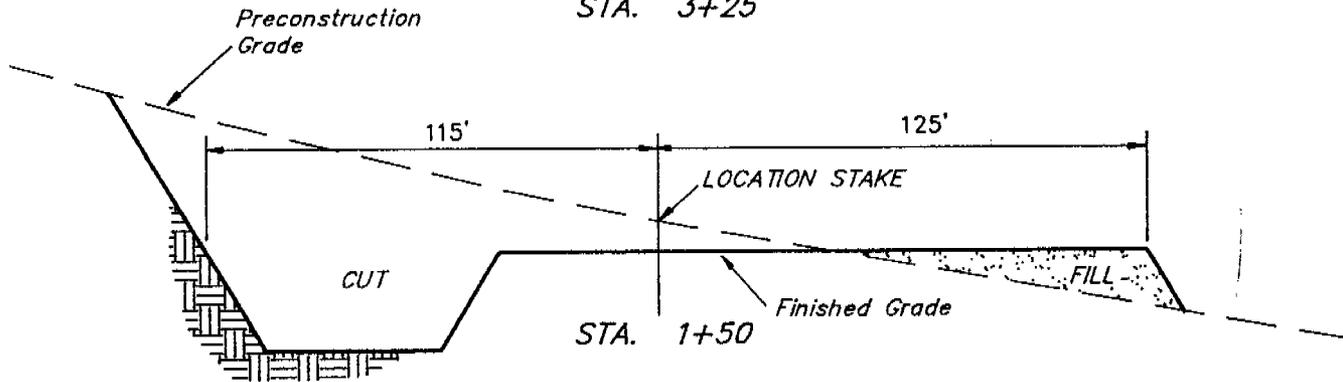
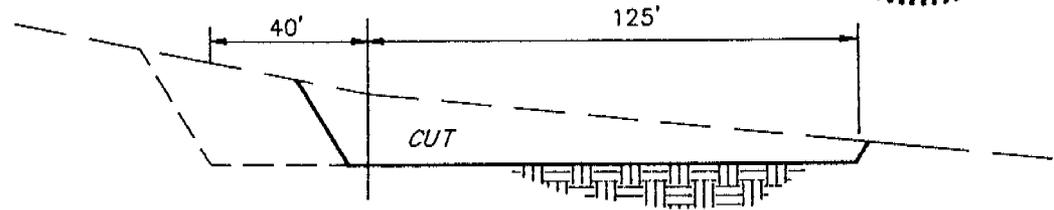
RAT HOLE CANYON #23-23-14-25

SECTION 23, T14S, R25E, S.L.B.&M.

2180' FSL 2117' FWL



DATE: 5-31-95  
Drawn By: D.R.B.

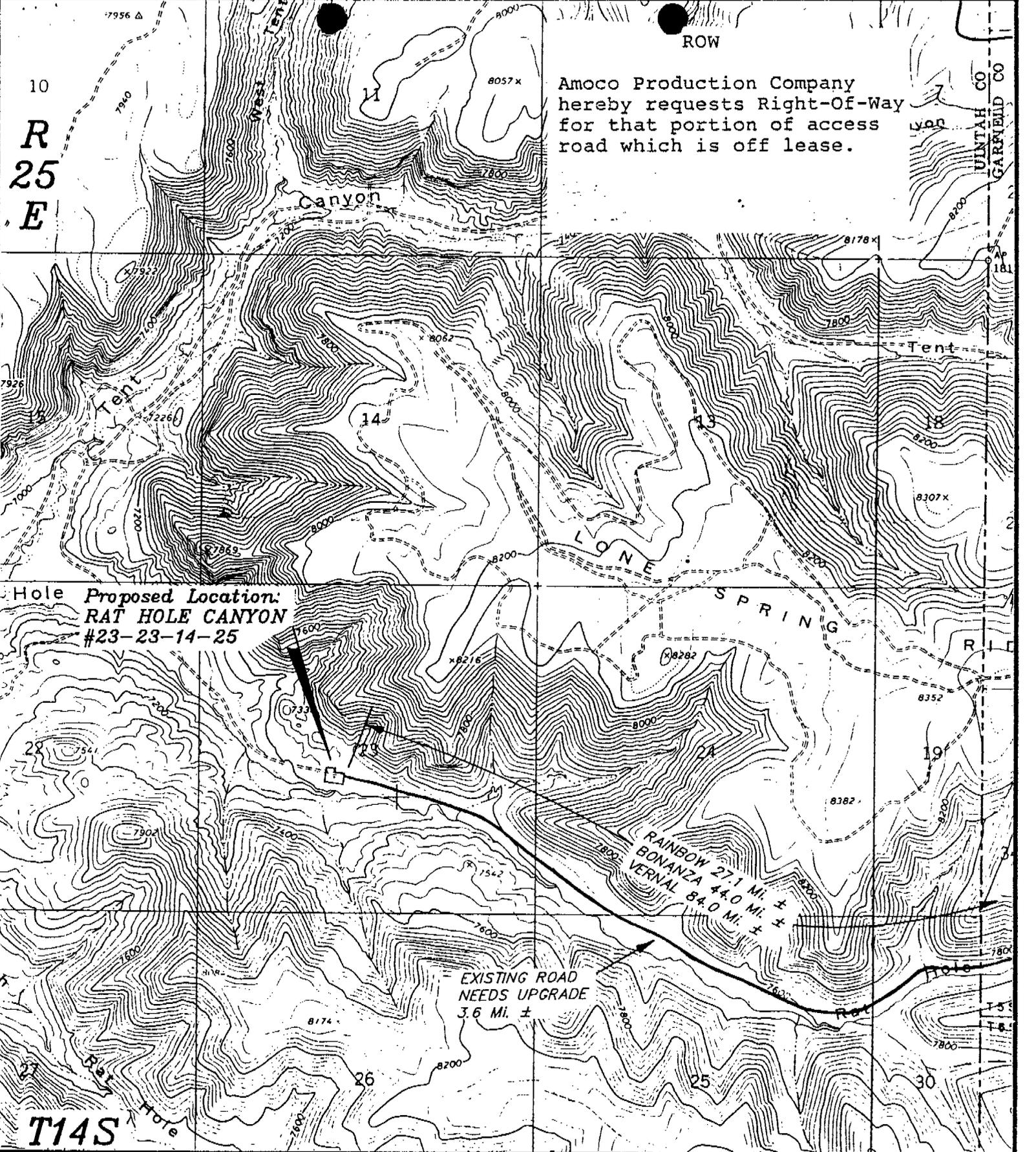


### APPROXIMATE YARDAGES

|                        |   |                       |
|------------------------|---|-----------------------|
| (6") Topsoil Stripping | = | 1,220 Cu. Yds.        |
| Remaining Location     | = | 9,920 Cu. Yds.        |
| <b>TOTAL CUT</b>       | = | <b>11,140 CU.YDS.</b> |
| <b>FILL</b>            | = | <b>7,830 CU.YDS.</b>  |

|   |   |                |
|---|---|----------------|
| EXCESS MATERIAL AFTER 5% COMPACTION     | = | 2,900 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 PIT Vol.)   | = | 2,900 Cu. Yds. |
| EXCESS UNBALANCE (After Rehabilitation) | = | 0 Cu. Yds.     |

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 788-1017



Amoco Production Company hereby requests Right-Of-Way for that portion of access road which is off lease.

10  
R  
25  
E

Hole Proposed Location:  
RAT HOLE CANYON  
#23-23-14-25

EXISTING ROAD  
NEEDS UPGRADE  
3.6 Mi. ±

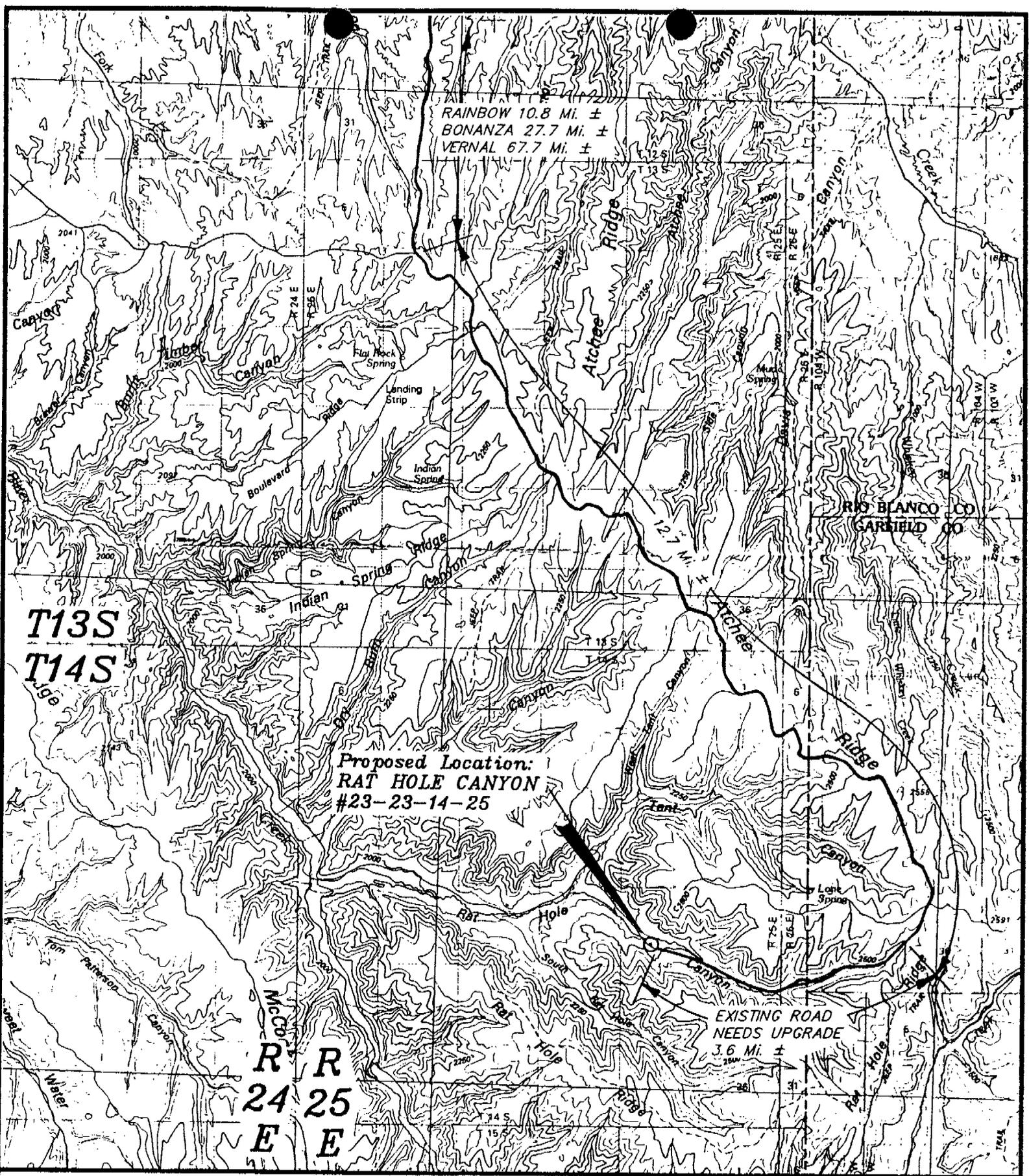
RAINBOW 27.1 Mi. ±  
BONANZA 44.0 Mi. ±  
VERNAL 84.0 Mi. ±

T14S

TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'  
DATE: 5-31-95 D.R.B.



AMOCO PRODUCTION COMPANY  
RAT HOLE CANYON #23-23-14-25  
SECTION 23, T14S, R25E, S.L.B.&M.  
2180' FSL 2117' FWL



RAINBOW 10.8 Mi. ±  
 BONANZA 27.7 Mi. ±  
 VERNAL 67.7 Mi. ±

Proposed Location:  
**RAT HOLE CANYON**  
 #23-23-14-25

EXISTING ROAD  
 NEEDS UPGRADE  
 3.6 Mi. ±

T13S  
 T14S

R R  
 24 25  
 E E

TOPOGRAPHIC  
 MAP "A"

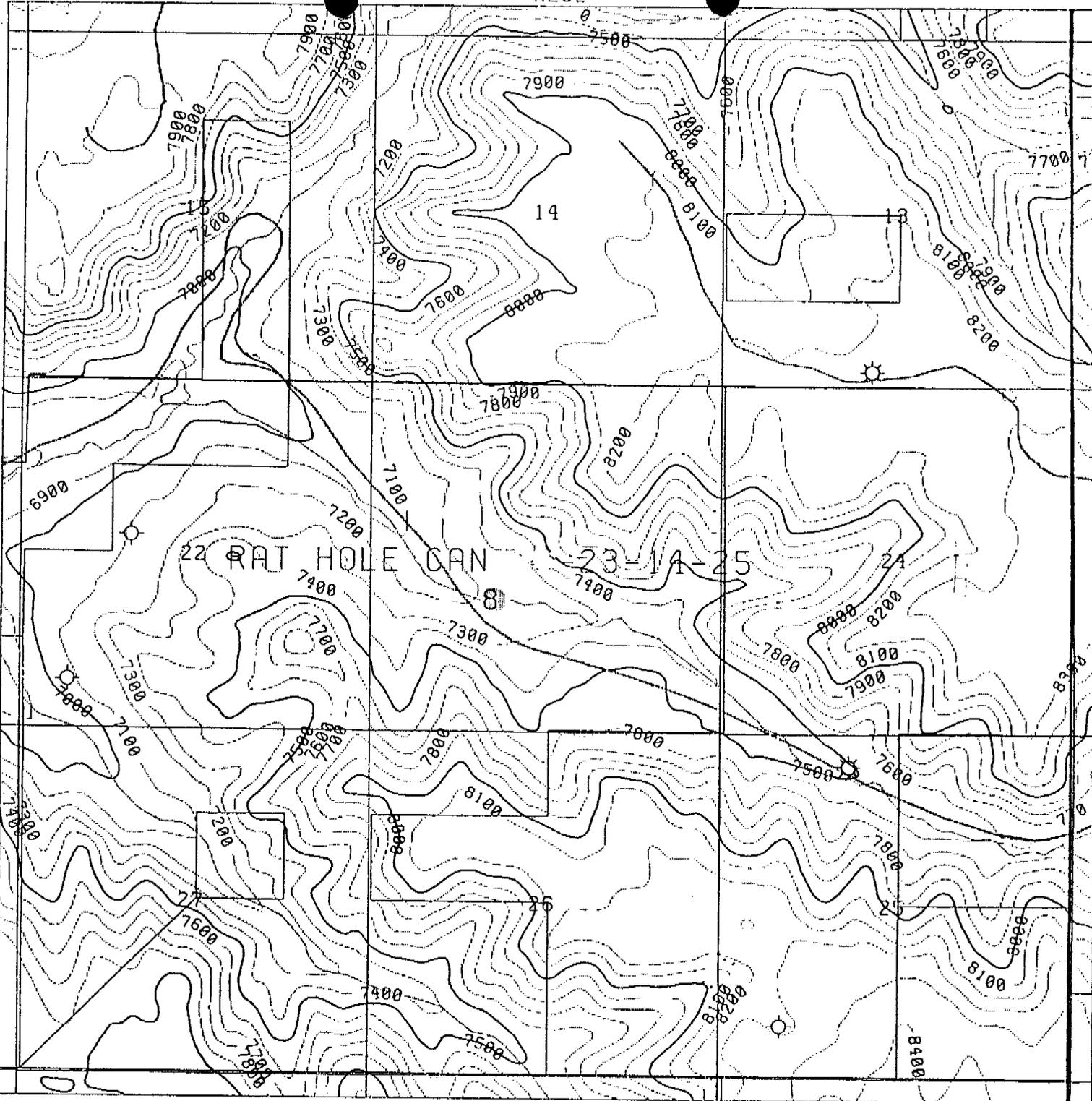
DATE: 5-31-95 D.R.B.



AMOCO PRODUCTION COMPANY

RAT HOLE CANYON #23-23-14-25  
 SECTION 23, T14S, R25E, S.L.B.&M.  
 2180' FSL 2117' FWL

R25E

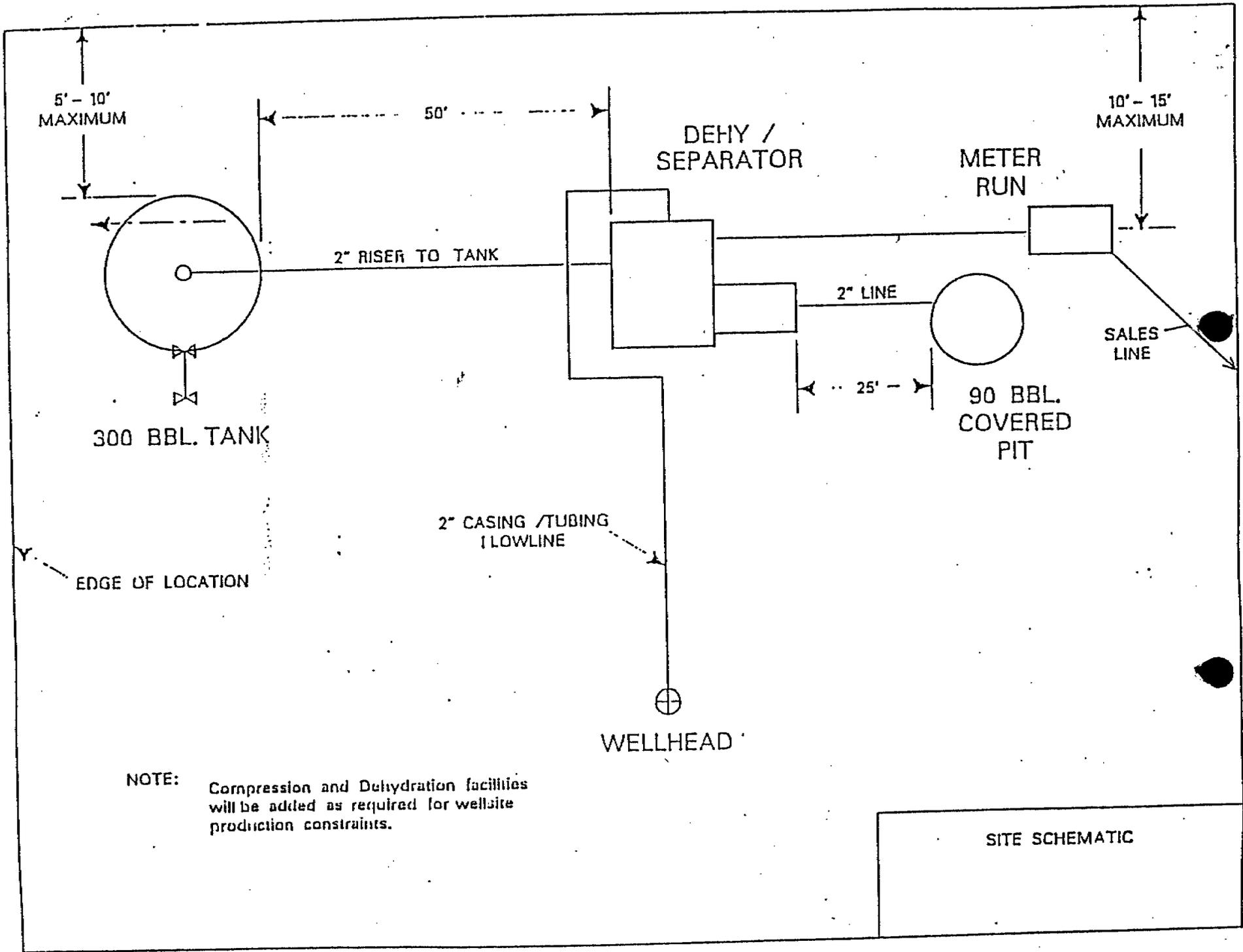


T14S

RAT HOLE CAN

R25E

T1



10  
**R  
25  
E**

Hole **Proposed Location:**  
**RAT HOLE CANYON**  
**#23-23-14-25**

**PROPOSED ACCESS**  
**ROAD 200' ±**

**EXISTING ROAD**  
**NEEDS UPGRADE**  
**3.6 Mi. ±**

**RAINBOW 27.1 Mi. ±**  
**BONANZA 44.0 Mi. ±**  
**VERNAL 84.0 Mi. ±**

**T14S**

**TOPOGRAPHIC**  
**MAP "B"**  
SCALE: 1" = 2000'  
DATE: 5-31-95 D.R.B.



**AMOCO PRODUCTION COMPANY**  
**RAT HOLE CANYON #23-23-14-25**  
**SECTION 23, T14S, R25E, S.L.B.&M.**  
**2399' FSL 2178' FWL**  
Revised: 8-02-95 D.R.B.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 23, 1995

Amoco Production Company  
P. O. Box 800  
Denver, Colorado 80201

Re: Rat Hole Canyon 23-14-25 Well, 2399' FSL, 2178' FWL, NE SW, Sec. 23, T. 14 S.,  
R. 25 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32705.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Flith".

R. J. Flith  
Associate Director

ldc

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WAPD

Operator: Amoco Production Company  
Well Name & Number: Rat Hole Canyon 23-14-25  
API Number: 43-047-32705  
Lease: Federal U-73714 \*  
Location: NE SW Sec. 23 T. 14 S. R. 25 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

ENTITY ACTION FORM - FORM 6

OPERATOR Amoco Production Company  
ADDRESS P. O. Box 800  
Denver, Colo. 80201

OPERATOR ACCT. NO. 11 0050

| ACTION CODE  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME                                  | WELL LOCATION |    |     |     |        | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|------------|--|---------------|----|-----|-----|--------|-----------|----------------|
|  |                    |                |            |  | QQ            | SC | TP  | RG  | COUNTY |           |                |
| A  | 99999              | 11969          | 4304732660 | Sheep Canyon State <sup>24-</sup> 19-12-25 |               | 19 | 12S | 25E | Uintah | 6/23/95   |                |
| WELL 1 COMMENTS:<br>New Well Entity added 8-14-96. Lcc |                    |                |            |  |               |    |     |     |        |           |                |
| A  | 99999              | 11970          | 4304732618 | Davis Canyon <sup>42-</sup> 12-13-25 #1    |               | 12 | 13S | 25E | Uintah | 1/19/95   |                |
| WELL 2 COMMENTS:<br>New Well Entity added 8-14-96. Lcc |                    |                |            |  |               |    |     |     |        |           |                |
| A  | 99999              | 11971          | 4304732705 | Rat Hole Canyon 23-14-25                   |               | 23 | 14S | 25E | Uintah | 9/12/95   |                |
| WELL 3 COMMENTS:<br>New Well Entity added 8-14-96. Lcc |                    |                |            |  |               |    |     |     |        |           |                |
| A  | 99999              | 11972          | 4304732593 | TPC State <sup>23-</sup> 36-14-24          |               | 36 | 14S | 24E | Uintah | 4/16/95   |                |
| WELL 4 COMMENTS:<br>New Well Entity added 8-14-96. Lcc |                    |                |            |  |               |    |     |     |        |           |                |
| A  | 99999              | 11973          | 4304732592 | Black Horse <sup>31-</sup> 9-15-24 #1      |               | 9  | 15S | 24E | Uintah | 7/30/95   |                |
| WELL 5 COMMENTS:<br>New Well Entity added 8-14-96. Lcc |                    |                |            |  |               |    |     |     |        |           |                |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Gail M. Jefferson  
Signature Gail M. Jefferson  
Sr. Admin. Staff Asst. 8/13/96  
Title Date  
Phone No. (303) 830-6157

P.3/4

HUG 13 '96 12:29PM HINDO 121H FLOOR 3038304777

Facsimile Transmission

Addressee's Teletypewriter Phone  
(801) 359-3940

Date  
8/13/96

Page  
1 of 4

|                         |                                 |                              |  |                         |
|-------------------------|---------------------------------|------------------------------|--|-------------------------|
| To:<br>Lisa Cordova     | Company<br>State of Utah        | Location                     |  | Mail Code/Room          |
| From:<br>Gail Jefferson | Company<br>Amoco Production Co. | Location<br>Denver, Colorado |  | Mail Code/Room<br>1295C |
| Initiated By            | Department/Region               | Charge (Cost Center Code)    | Approved By  |                         |
| Typed by                | Ext.<br>6157                    | Mail Code/Room               | <input type="checkbox"/> Call Sender for Pickup of Originals<br><input type="checkbox"/> Call _____ for Pickup at Receiving Location |                         |

Ms. Cordova:

Attached are the Entity Action Forms needed to set these Amoco operated wells up in your system. I trust this is all the information you need. If you need additional information please don't hesitate to call me.

I am sending you a signed copy of these forms in the mail for your records.

Sincerely,

*Gail M. Jefferson*

Gail M. Jefferson  
(303) 830-6157

*P.S. I wasn't sure any of our wells were in your system so I have included all of the wells in the Piceance Basin that was drilled in the state of Utah*

STATE OF UTAH

|                               |                                 |
|-------------------------------|---------------------------------|
| Operator: AMOCO PRODUCTION CO | Well Name: RAT HOLE CANYON 23-1 |
| Project ID: 43-047-32705      | Location: SEC. 23 - T148 - R25E |

Design Parameters:

Mud weight ( 8.50 ppg) : 0.442 psi/ft  
 Shut in surface pressure : 1860 psi  
 Internal gradient (burst) : 0.046 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

| Length<br>(feet) | Size<br>(in.)          | Weight<br>(lb/ft) | Grade | Joint               | Depth<br>(feet)         | Drift<br>(in.) | Cost                   |               |         |
|------------------|------------------------|-------------------|-------|---------------------|-------------------------|----------------|------------------------|---------------|---------|
| 1                | 1,100                  | 4.500             | 11.60 | WC-75               | LT&C                    | 4,700          | 3.875                  |               |         |
|                  | Collapse<br>Load (psi) | Strgth (psi)      | S.F.  | Burst<br>Load (psi) | Min Int<br>Strgth (psi) | Yield<br>S.F.  | Tension<br>Load (kips) | Strgth (kips) | S.F.    |
| 1                | 2075                   | 6100              | 2.939 | 2075                | 7300                    | 3.52           | 11.10                  | 212           | 19.10 J |

Prepared by : MATTHEWS, Salt Lake City, UT  
 Date : 08-23-1995  
 Remarks :

Minimum segment length for the 4,700 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 98°F (Surface 74°F , BHT 121°F & temp. gradient 1.000°/100 ft.)  
 The liner string design has a specified top of 3,600 feet.  
 The burst load shown is the pressure at the bottom of the segment.  
 The mud gradient and bottom hole pressures (for burst) are 0.442 psi/ft and 2,075 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

**STATE OF UTAH**

|                                      |  |
|--------------------------------------|--|
| <b>Operator: AMOCO PRODUCTION CO</b> | <b>Well Name: RATHOLE CANYON 23-14</b> |
| <b>Project ID: 43-047-32705</b>      | <b>Location: SEC. 23 - T14S - R25E</b> |

Design Parameters:

Mud weight ( 8.50 ppg) : 0.442 psi/ft  
 Shut in surface pressure : 1554 psi  
 Internal gradient (burst) : 0.038 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

| Length<br>(feet) | Size<br>(in.)        | Weight<br>(lb/ft)                         | Grade       | Joint                                | Depth<br>(feet)  | Drift<br>(in.) | Cost                                    |                         |             |
|------------------|----------------------|---|-------------|--------------------------------------|--|----------------|---|-------------------------|-------------|
| 1                | 3,850                | 7.000                                     | 23.00       | L-80                                 | LT&C   | 3,850          | 6.250                                   |                         |             |
|                  | <b>Load</b><br>(psi) | <b>Collapse</b><br><b>Strgth</b><br>(psi) | <b>S.F.</b> | <b>Burst</b><br><b>Load</b><br>(psi) | <b>Min Int</b><br><b>Yield</b><br><b>Strgth</b><br>(psi) | <b>S.F.</b>    | <b>Tension</b><br><b>Load</b><br>(kips) | <b>Strgth</b><br>(kips) | <b>S.F.</b> |
| 1                | 1700                 | 3830                                      | 2.253       | 1700                                 | 6340   | 3.73           | 77.04                                   | 435                     | 5.65 J      |

Prepared by : MATTHEWS, Salt Lake City, UT  
 Date : 08-23-1995  
 Remarks :

Minimum segment length for the 3,850 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 93°F (Surface 74°F , BHT 112°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.442 psi/ft and 1,700 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

RECEIVED  
AUG 29 1995  
DIV OF OIL, GAS & MINING

1. LEASE DESIGNATION AND SERIAL NO.  
J-73714  
2. INDIAN, ALLOTTEE OR TRIBE NAME  
3. UNIT AGREEMENT NAME  
4. FARM OR LEASE NAME, WELL NO.

1a. TYPE OF WORK  
DRILL  DEEPEN   
b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Amoco Production Company  
Attention: Julie L. Acevedo

9. API WELL NO.  
Rat Hole Canyon 23-14-25

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 800, Denver, Colorado 80201 (303) 830-6003

10. FIELD AND POOL, OR WILDCAT  
Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 2180FSL & 2117FWL  
2399 2178  
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 23  
Township 14S Range 25E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
27 miles from Bonanza, UT

12. COUNTY OR PARISH  
13. STATE  
Uintah Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
16. NO. OF ACRES IN LEASE  
2120

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160 SW/4

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
19. PROPOSED DEPTH  
4700' TD

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR., etc.)  
7241' GR

22. APPROX. DATE WORK WILL START\*  
07-01-95

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE       | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT                     |
|--------------------|-----------------------|-----------------|---------------|--|
| 12 1/4"            | 9 5/8" J-55           | 36#             | 350'          | 220 cf of CI A Cement Circ. to Surface |
| 8 3/4"             | 7" N-80               | 23#             | 3850'         | 807cf                                  |
| 6 1/4" 4 1/2" WC75 |                       | 11.6#           | 4700'         | 136cf                                  |

Lease Description: T14S-R25E: Sec. 22: NE/4NE/4, S/2NE/4, SE/4NW/4, S/E;  
Sec. 23: ALL; Sec. 25: SE/4; Sec. 26: N/2NW/4, SW/4; Sec. 27: N/2NE/4, SE/4NE/4, W/2, SE/4.

Amoco Production Company proposes to drill to 4700' TD to test the Mancos.

Nation Wide BLM Bond No. #35583

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Julie L. Acevedo TITLE Sr. Staff Assistant DATE 6/18/95

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE AUG 23 1995

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

14-050-570-185

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Amoco Production Company

Well Name & Number: Rat Hole Canyon 23-14-25

API Number: 43-047-32705

Lease Number: U-73714

Location: NESW Sec. 23 T.14S R.25E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the primary cement programs. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 2,600$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

BLM FAX Machine   (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

- The access road will be constructed in accordance with the attached road improvement plan.
- If the well becomes a producing well, the road should be surfaced with gravel or shale in order to maintain the integrity of the road.
- All permanent (onsite for six months or longer) structures constructed or installed (including pumping units) will be painted Juniper Green, as shown on the Rocky Mountain Five State Interagency Committee color chart. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. will be excluded.
- The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed. All rehabilitated portions of the pad including cut and fill slopes will be reseeded as indicated below:

|                               |             |
|-------------------------------|-------------|
| Intermediate wheatgrass       | 6 lbs./acre |
| Fourwing saltbrush            | 5 lbs./acre |
| Alfalfa Var. Nomad or Rambler | 1 lb./acre  |
- During the construction of the well pad, care should be taken to leave as many standing trees as possible. If the well becomes a producing well, Amoco would be required to purchase native tree tublings which would be planted by BLM volunteers on the downhill side of the location, which would act as a visual buffer between the Rat Hole Canyon road and the well pad.
- The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek

to compete with private Industry. There are commercial facilities available for stacking and storing drilling rigs.)

- No construction or drilling activities shall be conducted between May 15 and June 30 because the area is identified as critical for elk calving and deer fawning.

- Because of severe winter conditions which can exist in the area, construction and drilling activities could be shut down during the winter months at the discretion of the authorized officer.

- A water diversion ditch should be constructed to divert runoff water around the location after the reserve pit is closed.

- Amoco will provide a 16 foot metal gate to be installed on the Bitter Creek fence at the bottom of Rat Hole Canyon. They will also provide a 10 foot piece of 4 inch pipe to be used for hanging the gate.

AMOCO PRODUCTION COMPANY  
RAT HOLE CANYON #23-23-14-25  
CONDITIONS OF APPROVAL - ROAD IMPROVEMENT PLAN

The existing road will be improved by shaping the road to the dimensions shown on the typical cross section on the geometric standards sheet. Drainage will be improved on the road by installing culverts and improving bar ditches.

Culverts will be placed according to the culvert installation detail, **except where otherwise agreed to as described below.**

**The road will be upgraded, all turnouts roughed in, and the first five (5) culverts installed (below mile 0.00 as described below) so that the drilling rig and associated equipment can be brought in to drill the well. After the well has been drilled, the remaining road work will be completed, which includes the remaining culverts, low water crossings, final road work (including ditching, grading, etc.).**

The following description of the road is described by mile mark and can be referred to by mile mark on the topo included. It is necessary to interpret the readings of the odometer of a vehicle to obtain closer than tenths of a mile.

Work: Shape road to match cross section dimensions as shown.  
See following description by mile for additional needed work.

| Mile | Description of road and any work needed  |
|------|--|
| 0.00 | Intersection of Atchee Ridge road and Rat Hole Canyon road.                      |
| 0.09 | <b>Install 18" culvert (skew as staked).</b>                                     |
| 0.17 | <b>Install 18" culvert (skew as staked).</b>                                     |
| 0.25 | <b>Install 18" culvert (skew as staked).</b>                                     |
| 0.28 | <b>Install 100' turnout on the north side (5'). Shape approach to camp area.</b> |
| 0.40 | <b>Install 18" culvert (skew as staked). Rock outlet.</b>                        |
| 0.49 | <b>Install 100' turnout on the north side (5').</b>                              |
| 0.50 | <b>Install 18" culvert (skew as staked). Rock outlet.</b>                        |
| 0.57 | <b>Install 18" culvert (skew as staked).</b>                                     |
| 0.69 | <b>Install 100' turnout on the north side (5').</b>                              |

- 0.71 **Install 18" culvert (skew as staked). Rock outlet.**
- 0.87 **Install 18" culvert (skew as staked).**
- 0.92 **Install 100' turnout on the south side (5').**
- 1.00 **Install 18" culvert (skew as staked). Rock outlet.**
- 1.09 **Install 24" culvert (skew as staked). Rock outlet. Culvert size changed from 30" to 24" as described.**
- 1.095 **Gate.**
- ~~1.15 **Install 100' turnout right side only. This proposal has been eliminated.**~~
- 1.24 **Install 18" culvert (skew as staked).**
- ~~1.35 **Install 100' turnout both sides. This proposal has been eliminated.**~~
- 1.39 **Install 18" culvert (skew as staked).**
- 1.52 ~~Low spot in road (standing water). Fill and divert water to next culvert. This proposal has been changed to install 18" culvert.~~
- 1.54 ~~Install 36" culvert (skew as staked). Colorado State Line sign in tree, incorrect. This proposal has been changed to Install low water crossing.~~
- 1.56 **Install 100' turnout both sides.**
- 1.68 **Install 18" culvert (skew as staked).**
- 1.78 **Install 100' turnout on the south side (5').**
- 1.89 **Install 18" culvert (skew as staked). Clear brush and check location for culvert prior to installation.**
- 1.93 **Install 100' turnout both sides.**
- 2.08 **Install 18" culvert (skew as staked).**
- 2.12 **Crest knob.**
- 2.13 **Install 100' turnout both sides.**
- 2.23 **Install 18" culvert (skew as staked). Clear brush and check location for culvert prior to installation.**

- 2.26 Old fence line. No wire.
- 2.29 **Install 18" culvert (skew as staked).**
- 2.33 Crest old location pad (dry hole marker).
- 2.34 **Install 100' turnout both sides.**
- 2.35 Dry hole marker, 50' to the left.
- 2.39 End of old location pad.
- 2.49 **Install 18" culvert (skew as staked). Culvert size was changed from a 30" to an 18" culvert.**
- 2.56 **Install 100' turnout on the north side (10' instead of 5'). Move the turnout further to the west (2.58).**
- 2.60 **Install 18" culvert (skew as staked).**
- 2.76 **Install 18" culvert (skew as staked).**
- 2.78 **Install 100' turnout on the north side (10').**
- 2.99 **Install 18" culvert (skew as staked).**
- 3.00 **Install 100' turnout both sides.**
- 3.08 ~~Install 42" culvert (skew as staked).~~ **This proposal has been changed to a low water crossing with rock in the wash on the south.**
- 3.20 **Install 100' turnout on the north side (10').**
- 3.29 **Install 24" culvert (skew as staked). Rock outlet.**
- 3.38 **Install 18" culvert (skew as staked).**

New road construction begins to location.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: AMOCO PRODUCTION

Well Name: RAT HOLE CANYON 23-14-25

Api No. 43-047-32705

Section 23 Township 14S Range 25E County UINTAH

Drilling Contractor NABORS

Rig # 752

SPUDDED: Date 9/12/95

Time 9:00 AM

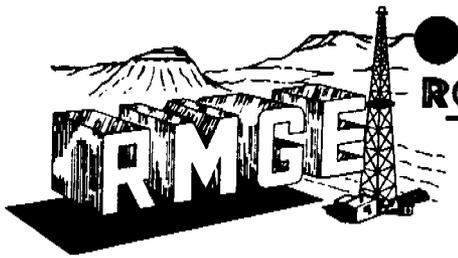
How DRY HOLE

Drilling will commence 9/18/95

Reported by PAT PATTERSON

Telephone #

Date: 9/13/95 Signed: JLT



# ROCKY MOUNTAIN GEO-ENGINEERING CORP.

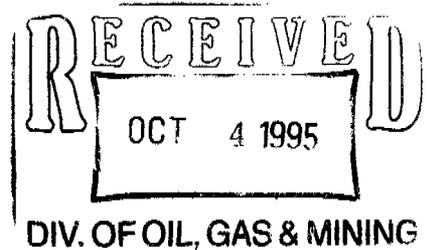
Well Logging • Consulting Geology • Coal Bed Methane Services • Computerized Logging Equipment & Software

2450 INDUSTRIAL BLVD. • GRAND JUNCTION, CO 81505  
(970) 243-3044 • FAX: 241-1085

October 2, 1995

Mr. Tom Feldkamp  
Amoco Production Company  
1670 Broadway  
Denver, CO 80202

Re: Rat Hole Canyon 23-14-25  
Sec. 23, T14S, R25E  
Uintah County, Utah



Dear Mr. Feldkamp:

Enclosed are the final logs/bit record/vellum/data disk for the above referenced well.

We appreciate the opportunity to be of service and look forward to working with you again in the near future.

If you have further questions, please contact us.

Respectfully,

  
Andy Kelley  
President

AWK/dn

Enc.: 3 Final Computer Colored Logs/2 Black & White Logs/Bit Record/Vellum/Data Disk

cc 1 Final Computer Colored Log/Bit Record; Amoco; G. Joseph; Grand Junction, CO  
1 Final Computer Colored Log/Bit Record; Amoco; P. Patterson/M. Kendrick; Rangely, CO  
2 Final Black & White Logs; BLM; Vernal Dist. Off.; Vernal UT  
1 Final Black & White Log; State of Utah; Dept. of Nat. Resources; Salt Lake City, UT

\*Dry Cuts Shipped UPS 9/28/95 to Amoco Warehouse; Butch Oliver; Denver, CO

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**RECEIVED**  
SUBMITTED IN DUPLICATE  
SEP 04 1996  
DIV. OF OIL, GAS & MINING

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.  
U-73714

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Rat Hole Canyon 23-14-25 #1

9. API WELL NO.  
4304732705

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA  
Section 23-T14S-25E

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL

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

2. NAME OF OPERATOR  
Amoco Production Company Gail M. Jefferson, Rm 1295C

3. ADDRESS AND TELEPHONE NO.  
P. O. Box 800, Denver, Colo. 80201 (303) 830-6157

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2399' FSL 2178' FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

15. DATE SPUDDED 9/12/95 16. DATE T.D. REACHED 9/27/95 17. DATE COMPL. (Ready to prod.) w/w/o/c  
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)\* GL 7240' KB 7256' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4600' 21. PLUG, SACK T.D., MD & TVD 4350' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS Yes CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Mancos "B" 4244'-4350'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
High Resolution Induction DSEN and SDLT mud log 9-28-95

27. WAS WELL CORDED No

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

| CASING SIZE/GRADE | WEIGHT, LB./YD.  | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD      | AMOUNT PULLED           |
|-------------------|------------------|----------------|-----------|--------------------------------------|-------------------------|
| 9.625"            | 36# J-55         | 405'           | 12.25"    | 185 sxs oc fmt.                      | Circ 13 bbls to surface |
| 7"                | 23# N-80 & CF-95 | 4244'          | 8.75"     | 455 sxs of lead & tail w/100 sxs cmt | Circ 41 bbls to surface |

**29. LINER RECORD**

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2.375" | 4243'          |                 |

**30. TUBING RECORD**

| 31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.       |
|--|--|
| OPENHOLE   | DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED |
|  | 4244'-4350' 394,000 scf of N2                        |
|  | 2,394,000 of N2                                      |

**33. PRODUCTION**

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

| 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 Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 8/29/96

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

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. | NAME | TOP         |                  |
|--------------|-------|--------|-----------------------------|------|-------------|------------------|
|              |       |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| L. Segó Sand | 2764' |        |                             |      |             |                  |
| Castlegate   | 2964' |        |                             |      |             |                  |
| Mancos Shale | 3338' |        |                             |      |             |                  |
| Mancos "B"   | 4255' |        |                             |      |             |                  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

|  |   |
|--|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Designation and Serial No.<br>U-73714      |
| 2. Name of Operator<br>Amoco Production Company Gail M. Jefferson, Room 1295C  | 6. If Indian, Allottee or Tribe Name                |
| 3. Address and Telephone No.<br>P. O. Box 800, Denver, Colo. 80201 (303) 830-6157  | 7. If Unit or CA, Agreement Designation             |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2399' FSL and 2178' FWL Section 23-T14S-R25E           | 8. Well Name and No.<br>Rat Hole Canyon 23-14-25 #1 |
|  | 9. API Well No.<br>4304732705                       |
|  | 10. Field and Pool, or Exploratory Area<br>Wildcat  |
|  | 11. County or Parish, State<br>Uintah, Utah         |

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION   |
|---|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment                         |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion                        |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Plugging Back                       |
|   | <input type="checkbox"/> Casing Repair                       |
|   | <input type="checkbox"/> Altering Casing                     |
|   | <input checked="" type="checkbox"/> Other <u>Well Status</u> |
|   | <input type="checkbox"/> Change of Plans                     |
|   | <input type="checkbox"/> New Construction                    |
|   | <input type="checkbox"/> Non-Routine Fracturing              |
|   | <input type="checkbox"/> Water Shut-Off                      |
|   | <input type="checkbox"/> Conversion to Injection             |
|   | <input type="checkbox"/> Dispose Water                       |

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

13. 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 during the fall of 1995 and shut-in waiting on completion for the winter. Well status was "Drilled-Shutin". Well was stimulated and tested 5/23/96 through 6/6/96 resulting in little gas production. Will hold well for possible repair. Amoco will close pit, maintain location and secure wellhead and any surface equipment.

AMOCO REQUESTS APPROVAL FOR A LONG TERM SHUT-IN.



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

Signed Gail M. Jefferson Title Sr. Admin. Staff Asst. Date 8/28/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Rat Hole Canyon 23-14-25 - Subsequent  
August 28, 1996

MIRUSU 5/23/96. Set cased hole CIBP at 4360' inside openhole. Cap with 2 sacks for cmt. New PBTD 4350'. Breakdown openhole with 394,000 scf of N2. Fracture stimulated openhole with 2,394,000 scf of N2 at an average rate of 52,000 scfm. ISIP 2640 psi, after one hour SI pressure was 2325 psi.

Flow well to pit. Tag at PBTD. Land 2.375" tubing at 4243'. NDBOP, NUWH. Flow well up tubing.

RD MOSU and shut-in well. 6/6/96.

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ  
 AMOCO PRODUCTION COMPANY  
 PO BOX 800  
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N0050

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT  (Highlight Changes)

| Well Name     |        |            | Producing Zone | Well Status | Days Oper | Production Volumes |          |            |
|---------------|--------|------------|----------------|-------------|-----------|--------------------|----------|------------|
| API Number    | Entity | Location   |                |             |           | OIL(BBL)           | GAS(MCF) | WATER(BBL) |
| 4304732587    | 11967  | 12S 25E 27 | MNCSB          |             |           |                    |          |            |
| 4304732660    | 11969  | 12S 25E 19 | MNCSB          |             |           |                    |          |            |
| 4304732618    | 11970  | 13S 25E 12 | MNCSB          |             | UTU 70247 |                    |          |            |
| 4304732705    | 11971  | 14S 25E 23 | MNCSB          |             | 473714    |                    |          |            |
| 4304732593    | 11972  | 14S 24E 36 | MNCSB          |             |           |                    |          |            |
| 4304732592    | 11973  | 15S 24E 9  | MNCSB          |             | UTU 72068 |                    |          |            |
| 4304732605    | 11974  | 12S 25E 24 | MNCSB          |             | UTU 73029 |                    |          |            |
| 4304732457    | 11966  | 13S 25E 35 | DPL            |             | U 72039   |                    |          |            |
| <b>TOTALS</b> |        |            |                |             |           |                    |          |            |

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08300

October 7, 1997

Retamco Operating Inc.  
Joe Glennon  
HCR Box 1010  
Roberts MT 59070

Re: Well No 23-14-25  
NESW, Sec. 23, T14S, R25E  
Lease U-73714  
Uintah County, Utah

Dear Mr. Glennon:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Retamco Operating Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1088, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

for Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Amoco Production Company  
Division of Oil, Gas & Mining



**Facsimile Transmission**  
16-717-G (3-92)

Date *10/28/97*

Time Sent

**This transmission consists of:**

**pages**

Notes:

**T** *Lisha Cordova*  
*State of Utah*  
*Dir of Oil & Gas*

FAX Number

FAX Operator's Number for Confirmation

*801-359-3940*

**F**  
**R**  
**O**  
**M**

*Pat Archuleta*  
*APC*

FAX Telephone Number

Voice Telephone Number

*303-830-5217*



## Memorandum

**DATE:** October 27, 1997  
**TO:** Lisha Cordova  
**FROM:** Pat Archuleta  
**RE:** Sale of Properties to Retamco Operating Inc.,

Amoco Production Company has sold it's wellbore interst in the following wells to Retamco Operating Inc. HCR Box 1010 , Roberts, MT. 59070 as of 9/01/97.

Atchee Ridge 15-13-25 #1  
Atchee Ridge 24-13-25 #1  
Atchee Ridge 35-13-25 #1  
Black Horse 9-15-24 #1  
Davis Canyon 12-13-25 #1  
Evacuation Creek 24-12-25

*✓ Pat Hole Cyn. 23-14-25 #1*

**OPERATOR CHANGE WORKSHEET**

|                |                |
|----------------|----------------|
| 1- <u>FILE</u> | 6- <u>FILE</u> |
| 2- <u>FILE</u> | 7- <u>KASV</u> |
| 3- <u>DFS</u>  | 8- <u>SI</u>   |
| 4- <u>VLD</u>  | 9- <u>FILE</u> |
| 5- <u>IRB</u>  |                |

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-1-97

|                    |                                     |                      |                                 |
|--------------------|-------------------------------------|----------------------|---------------------------------|
| TO: (new operator) | <u>RETAMCO OPERATING INC.</u>       | FROM: (old operator) | <u>AMOCO PRODUCTION COMPANY</u> |
| (address)          | <u>HCR BOX 1010</u>                 | (address)            | <u>PO BOX 800</u>               |
|                    | <u>ROBERTS MT 59070</u>             |                      | <u>DENVER CO 80201</u>          |
|                    | <u>JOE GLENNON</u>                  |                      |                                 |
|                    | Phone: <u>(406)445-2641</u>         |                      | Phone: <u>(303)830-4127</u>     |
|                    | Account no. <u>N6020 (10-27-97)</u> |                      | Account no. <u>N0050</u>        |

WELL(S) attach additional page if needed:

|  |                          |                      |   |           |   |            |   |            |                        |
|--|--------------------------|----------------------|---|-----------|---|------------|---|------------|------------------------|
| Name: <u>ATCHEE RDGE 15-13-25#1</u>    | API: <u>43-047-32659</u> | Entity: <u>11962</u> | S | <u>15</u> | T | <u>13S</u> | R | <u>25E</u> | Lease: <u>U70248</u>   |
| Name: <u>ATCHEE RDGE 24-13-25#1</u>    | API: <u>43-047-32602</u> | Entity: <u>11963</u> | S | <u>24</u> | T | <u>13S</u> | R | <u>25E</u> | Lease: <u>UTU72075</u> |
| Name: <u>DAVIS CYN 12-13-25#1</u>      | API: <u>43-047-32618</u> | Entity: <u>11970</u> | S | <u>12</u> | T | <u>13S</u> | R | <u>25E</u> | Lease: <u>UTU70247</u> |
| Name: <u>RAT HOLE CYN 23-14-25#1</u>   | API: <u>43-047-32705</u> | Entity: <u>11971</u> | S | <u>23</u> | T | <u>14S</u> | R | <u>25E</u> | Lease: <u>U73714</u>   |
| Name: <u>BLACK HORSE 9-15-24#1</u>     | API: <u>43-047-32592</u> | Entity: <u>11973</u> | S | <u>9</u>  | T | <u>15S</u> | R | <u>24E</u> | Lease: <u>UTU72068</u> |
| Name: <u>ATCHEE RDGE 32-35-13-25#1</u> | API: <u>43-047-32657</u> | Entity: <u>11966</u> | S | <u>35</u> | T | <u>13S</u> | R | <u>25E</u> | Lease: <u>U72039</u>   |
| Name: <u>EVACUATION 24-12-25#1</u>     | API: <u>43-047-32605</u> | Entity: <u>11974</u> | S | <u>24</u> | T | <u>12S</u> | R | <u>25E</u> | Lease: <u>UTU73029</u> |

**OPERATOR CHANGE DOCUMENTATION**

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Ref. 10-27-97) (Rec'd 10-28-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-23-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes/no)* yes If yes, show company file number: #1996661 *(Eff. 4-15-97)*
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(10-28-97)*
6. Cardex file has been updated for each well listed above. *(10-28-97)*
7. Well file labels have been updated for each well listed above. *(10-28-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-28-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- lec 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 10/29/97 19    , of their responsibility to notify all interest owners of this change.

**FILMING**

- lb 1. All attachments to this form have been microfilmed. Today's date: NOV. 13 1997

**FILING**

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

**COMMENTS**

971027 BLM/Vernal Agrv. 10-7-97

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

|  |  |   |
|--|--|---|
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: |  | 5. Lease Designation and Serial Number:<br>UTU 73714    |
| 2. Name of Operator:<br>Retamco Operating Inc.   |  | 6. If Indian, Allocated or Tribe Name:                  |
| 3. Address and Telephone Number:<br>671 Garnet Billings, MT 59105 Joe Glennon 406/248-5594   |  | 7. Unit Agreement Name:                                 |
| 4. Location of Well<br>Footage: 2399' FSL 2178' FWL Sec 23 T14S,R25E<br>CQ, Sec.,T.,R.,M.:   |  | 8. Well Name and Number:<br>Rat Hole Canyon 23-14-25 #1 |
|  |  | 9. API Well Number:<br>43-047-32705                     |
|  |  | 10. Field and Pool, or Wildcat:<br>Wildcat              |
|  |  | County: Uintah<br>State: Utah                           |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| NOTICE OF INTENT<br>(Submit in Duplicate)                           | SUBSEQUENT REPORT<br>(Submit Original Form Only)   |
|---|--|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> Abandon *   |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Repair Casing   |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Change of Plans   |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Convert to Injection  |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Fracture Treat or Acidize   |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Other _____   |
| <input checked="" type="checkbox"/> Other <u>Well Status Report</u> |  |
| Approximate date work will start _____                              | Date of work completion _____  |
|   | Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.<br>* Must be accompanied by a cement verification report. |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
Well was drilled to 4360' Set 9 5/8" J55 LTC 36# casing at 405', Set 7" N80 CF95 LTC 23# casing at 4244'. Set CIBP at 4360', inside open hole & cap with 2 sks of cement, New PBTD 4350' well tested gas from Mancos "B". The pit was closed, location maintained and the wellhead secured with the well currently in shut-in status waiting on pipe line. Upon BLM approval Retamco plans to complete the Wasatch and Mesa Verde zones that are behind pipe. Log comparisons from this well to the Seep Canyon State 19-12-25 well indicate similar results should be encountered. The Seep Canyon well was completed in 1998 and tested 1.5 MMCFGPD on extended tests. Minimum pressures were noted from this well during a site inspection in Aug of 1998. In addition this lease is in its primary term with over 6 years remaining. Retamco sees great value in this well and requests that the well remain in shut-in status to allow time for Retamco to secure necessary federal approval for pipelines and to begin its development program in this area.

13. Name & Signature: Joe Glennon Title: Agent Date: 3/29/99

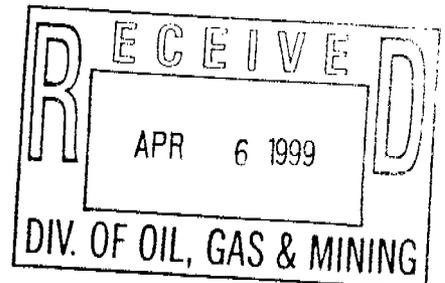
(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR  
Date: 5-4-99  
Initials: CGD

Date: 4-6-99  
By: RJK

(See Instructions on Reverse Side)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

|  |  |  |
|--|--|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.                            |
| 2. Name of Operator<br>Retamco Operating Inc.  |  | 6. If Indian, Allottee or Tribe Name           |
| 3a. Address<br>671 Garnet Ave. Billings, MT 59105  |  | 7. If Unit or CA/Agreement, Name and/or No.    |
| 3b. Phone No. (include area code)<br>(406) 248-5594  |  | 8. Well Name and No.<br>See Exhibit "A"        |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>See Exhibit "A"  |  | 9. API Well No.<br>See Exhibit "A"             |
|  |  | 10. Field and Pool, or Exploratory Area        |
|  |  | 11. County or Parish, State<br>See Exhibit "A" |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                |   |  |   |  |
|---|---|---|--|---|--|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                             |  |
| <input type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                             |  |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |  |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Retamco is selling its interest in the wells described in the attached Exhibit "A" list of wells to CDX Rockies LLC, of 5845 Beltline Road, Suite 280 Dallas, Texas 75240-7656

**RECEIVED**

MAY 10 2001

DIVISION OF  
OIL, GAS AND MINING

CDX Rockies LLC Bond # RLB0003065

|   |                             |
|---|-----------------------------|
| 14. I hereby certify that the foregoing is true and correct |                             |
| Name (Printed/Typed)<br>Perry E. Robertson                  | Title<br>VP CDX Rockies LLC |
| Signature<br><i>[Signature]</i>                             | Date<br>5-03-01             |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |       |        |
|---|-------|--------|
| Approved by   | Title | Date   |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |       | Office |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Exhibit "A"  
Utah Well List

| Operator | Well Name:                        | Location:               | County: | State: | Lease #  | API Number:  |
|----------|-----------------------------------|-------------------------|---------|--------|----------|--------------|
| ROI      | Atchee Ridge 15-13-25 #1          | SE Sec 15 - T13S,R25E   | Uintah  | Utah   | U-70248  | 43-047-32659 |
| ROI      | Atchee Ridge 24-13-25             | SW Sec 24 - T13S,R25E   | Uintah  | Utah   | U-72075  | 43-047-32602 |
| ROI      | Davis Canyon 12-13-25             | NE Sec 12 - T13S,R25E   | Uintah  | Utah   | U-70247  | 43-047-32618 |
| ROI      | Rat Hole Canon 23-14-25           | SW Sec 23 - T14S,R25E   | Uintah  | Utah   | U-73714  | 43-047-32705 |
| ROI      | Black Horse 9-15-24 #1            | NE Sec 9 - T15S,R24E    | Uintah  | Utah   | U-72068  | 43-047-32592 |
| ROI      | Federal 1-33 (Gusher)             | SE Sec 33 - T5S,R19E    | Uintah  | Utah   | NRM1319  | 43-047-30300 |
|          |                                   |                         |         |        | U-3575 + |              |
| ROI      | TPC State 36-14-24                | NESW Sec 36 - T14S,R24E | Uintah  | Utah   | ML 46436 | 43-047-32593 |
| 7 Wells  |                                   |                         |         |        |          |              |
| ROI      | Atchee Ridge 35-13-25 location    | NE Sec 35 - T13S,R25E   | Uintah  | Utah   | U-72039  | 43-047-32657 |
| ROI      | Atchee Ridge 11-27-13-25 location | NW Sec 27 - T13S,R25E   | Uintah  | Utah   | U-73189  |              |
| ROI      | Walker Hallow 13-31 location      | SW Sec 31 - T6S,R23E    | Uintah  | Utah   | U-76280  |              |



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799  
<http://www.blm.gov/utah/vernal>

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08300

July 12, 2001

CDX Rockies, LLC  
5845 Beltline Road, Suite 280  
Dallas, Texas 75240

*43-047-32705*  
Re: Well No. Rat Hole Canyon 23-14-25 #1  
NESW, Sec. 23, T14S, R25E  
Lease No. U-73714  
Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, CDX Rockies, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1225, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Crinklaw or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Edwin I. Forsman  
Petroleum Engineer

cc: DOGM - Jim Thompson  
Retamco Operating Inc.

**RECEIVED**

JUL 16 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

|        |  |        |
|--------|--|--------|
| 1. GLH |  | 4-KAS  |
| 2. CDW |  | 5-LP   |
| 3. JLT |  | 6-FILE |

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **5-03-2001**

|                              |
|------------------------------|
| <b>FROM: (Old Operator):</b> |
| RETAMCO OPERATING INC        |
| Address: 671 GARNET AVE      |
|                              |
| BILLINGS, MT 59105           |
| Phone: 1-(406)-248-5594      |
| Account N6020                |

|                             |
|-----------------------------|
| <b>TO: ( New Operator):</b> |
| CDX ROCKIES LLC             |
| Address: 679 EAST 2ND STE 3 |
|                             |
| DURANGO, CO 81301           |
| Phone: 1-(970)-247-4126     |
| Account N1860               |

CA No.

Unit:

**WELL(S)**

| NAME                                  | API NO.      | ENTITY NO. | SEC. TWN RNG          | LEASE TYPE | WELL TYPE | WELL STATUS |
|---------------------------------------|--------------|------------|-----------------------|------------|-----------|-------------|
| FEDERAL 1-33                          | 43-047-30300 | 575        | 33-05S-19E            | FEDERAL    | OW        | S           |
| WALKER HOLLOW 13-31                   | 43-047-33763 | 99999      | 31-06S-23E            | FEDERAL    | GW        | APD         |
| DAVIS CANYON 12-13-25 1               | 43-047-32618 | 11970      | 12-13S-25E            | FEDERAL    | GW        | S           |
| ATCHEE RIDGE 15-13-25 1               | 43-047-32659 | 11962      | 15-13S-25E            | FEDERAL    | GW        | S           |
| ATCHEE RIDGE 24-13-25 1               | 43-047-32602 | 11963      | 24-13S-25E            | FEDERAL    | GW        | S           |
| ATCHEE RIDGE 11-27-13-25              | 43-047-33369 | 99999      | 27-13S-25E            | FEDERAL    | GW        | APD         |
| ATCHEE RIDGE 35-13-25 1               | 43-047-32657 | 11966      | 35-13S-25E            | FEDERAL    | GW        | S           |
| <del>RAT HOLE CANYON 23-14-25 1</del> | 43-047-32705 | 11971      | <del>23-14S-25E</del> | FEDERAL    | GW        | S           |
| BLACK HORSE 9-15-24 1                 | 43-047-32592 | 11973      | 09-15S-24E            | FEDERAL    | GW        | S           |

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/10/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/10/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 07/11/2001
- Is the new operator registered in the State of Utah: YES Business Number: 4880191-0161
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/12/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/17/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/17/2001

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

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**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: RLB 0003065

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on:

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

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**COMMENTS:**

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**DESIGNATION OF AGENT OR OPERATOR**

The undersigned is, on record, the holder of oil and gas lease

**LEASE NAME:** \_\_\_\_\_

**LEASE NUMBER:** UTU 73714

and hereby designates

**NAME:** Retamco Operating, Inc.

**ADDRESS:** HCR Box 1010

city Roberts

state MT

zip 59070

as his (check one) agent  / operator  , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

SW/4 Sec 23 T14S R25E API# 43-047-32705 Rat Hole Canyon 23-14-25

**RECEIVED**

SEP 19 2002

DIVISION OF

OIL, GAS AND MINING

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

**Effective Date of Designation:** 6/1/2002

**BY:** (Name) Bradford C. Boyce

(Signature)



(Title)

Division Manager

(Phone)

970-247-4126

**OF:** (Company) CDX Rockies, LLC

(Address)

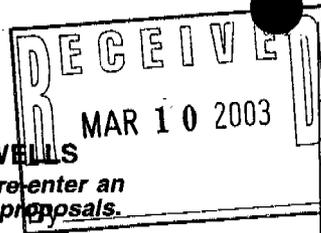
679 East 2nd Ave., Ste 3

city Durango

state CO

zip 81122

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

- 5. Lease Serial No. 4-73714  
See Exhibit "A"
- 6. If Indian, Allottee or Tribe Name
- 7. If Unit or CA/Agreement, Name and/or No.
- 8. Well Name and No. 23-14-25 #1  
See Exhibit "A"
- 9. API Well No. 4304732705  
See Exhibit "A"
- 10. Field and Pool, or Exploratory Area
- 11. County or Parish, State  
Uintah County, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

- 1. Type of Well  
 Oil Well  Gas Well  Other
- 2. Name of Operator  
Retamco Operating Inc.
- 3a. Address  
3301 Stonewall Lane Blgs, MT 59102
- 3b. Phone No. (include area code)  
(406) 248-5594
- 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Joe Glennon  
See Exhibit "A"

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                             |
| <input type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                             |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that effective July 15, 2002 Retamco Operating Inc. will take over operations of the subject wells.

Retamco Operating Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond coverage for these wells is provided for by Retamco Operating Inc. Statewide Bond No. UT1088.

**RECEIVED**

**MAR 18 2003**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
Joe Glennon  
Signature

Title  
Attorney In Fact  
Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

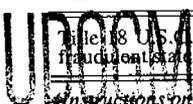
Title

Petroleum Engineer

Date **MAR 11 2003**

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.



Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

March 11, 2003

Joe Glennon  
Retamco Operating Inc.  
3301 Stonewall Lane  
Billings, Montana 59102

Re: Well No. Rat Hole Canyon 23-14-25 #1  
NESW, Sec. 23, T14S, R25E  
Uintah County, Utah  
Lease No. U-73714

Dear Mr. Glennon:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Retamco Operating, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1088, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,  


Kirk Fleetwood  
Petroleum Engineer

cc: UDOGM – Jim Thompson

RECEIVED  
MAR 18 2003  
DIV. OF OIL, GAS & MINING



6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/11/2003

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- 1. Changes entered in the **Oil and Gas Database** on: 03/28/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/28/2003
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 1088

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**See Exhibit "A"**

9. API Well No.  
**See Exhibit "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**See Exhibit "A"**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**CDX Rockies, LLC**

3a. Address  
**5485 Beltline Road, Suite 190 Dallas, TX 75254**

3b. Phone No. (include area code)  
**(972) 392-1880**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**See Exhibit "A"**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                             |
| <input type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                             |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**CDX Rockies, LLC is selling its interest in the wells described in Exhibit "A" to Retamco Operating, Inc., whose address is HCR Box 1010 Roberts, Montana 59070, (406) 248-5594.**

**RECEIVED**

NOV 14 2003

DIVISION OF  
OIL, GAS AND MINING

**Retamco Operating, Inc BLM Bond #UT1088**

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

Name (Printed/Typed) Gary L. Trotter Title President

Signature [Signature] Date 03/07/02

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |        |      |
|---|--------|------|
| Approved by   | Title  | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office |      |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RETAMCO OPERATING INC.**

3301 Stonewall Lane  
Billings, MT 59102  
(406) 248-5594  
(406) 248-6068 fax

November 7, 2002

Connie Sear  
Bureau of Land Management  
PO Box 45155  
Salt Lake City, Utah 84145-0155

Re: Sundry Notice

Dear Mrs. Sear,

Please find enclosed three executed Sundry Notice – Change of Operator for the following wells and locations in Utah:

Rat Hole Canyon 3-14-25 API #43-074-32075, Black Horse 9-15-24 API #43-074-32592, Atchee Ridge 35-13-25 API #43-074-32657, Athcee Ridge 11-27-13-25 API #43-074-33369 and the Walker Hallow 13-31 API #43-074-33763.

Thank you for your assistance in this matter and if you have additional information please contact me at (406) 248-5594.

Sincerely,

  
Joe Glennon

**RECEIVED**

NOV 14 2003

DIVISION OF  
OIL, GAS AND MINING

Exhibit "A"

Said wells being described as following:

|                 | Well Name and Well Location/County/State                                      | Lease No.           | API No.                  |
|-----------------|---|---------------------|--------------------------|
| I.              | Rat Hole Canon 23-14-25<br>SW-Sec 23-T14S-R25E<br>Uintah County, UT           | UTU-73714           | 43-074-32705             |
| II.             | Black Horse 9-15-24<br>NE-Sec 9-T15S-R24E<br>Uintah County, UT                | UTU-72068           | 43-074-32592             |
| <del>III.</del> | <del>Federal Gusher 1-33<br/>SE-W-Sec 33-T5S-R19E<br/>Uintah County, UT</del> | <del>UTU-3575</del> | <del>43-074-303000</del> |
| IV.             | Atchee Ridge 35-13-25<br>NE-Sec 35-R13S-T25E<br>Uintah County, UT             | UTU-72039           | 43-074-32657             |
| V.              | Atchee Ridge 11-27-13-25<br>NW-Sec 27-T13S-R25E<br>Uintah County, UT          | UTU-73189           | 43-074-33369             |
| VI.             | Walker Hallow 13-31<br>SW-Sec 31-T6S-R23E<br>Uintah County, UT                | UTU-76280           | 43-074-33763             |

**RECEIVED**

NOV 14 2003

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 19 2007

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U-73714

Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

Oil Well     Gas Well     Other

7. If Unit of CA/Agreement, Name and/or No.  
NA

2. Name of Operator  
Retamco Operating Inc.

8. Well Name and No.  
Rat Hole Canyon 23-14-25 #1

3a. Address  
PO BOX 790  
Red Lodge, MT 59068

3b. Phone No. (include area code)  
(406) 446-1568

9. API Well No.  
4304732705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2399 FSL & 2178 FWL                      NESW Sec 23 T14S R25E

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |  |  |   |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
|  | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Retamco Operating Inc. proposes plugging the subject well as follows. The operator will place a 50' cmt plug on top of the RBP set at 4050'. Tbg will be used to set all plugs. The hole will be loaded w/3% KCL w/corrosion inhibitor between all plugs. Operator will set a CIBP at 2650' +/- . The csg will be pressure tested to 500 psi for 15 minutes to insure there are no holes in the csg from 2650' to the surface. Fifty feet of cement will be placed on top of the plug. A 100' balanced plug will be set at 350' to 450'. A 50' plug will be set at the surface. The well head will be cut off and a dry hole marker installed. If the 7" and 9 5/8 annulus is not full of cement the BLM will be contacted and 1" tbg used to fill the annulus.

COPY SENT TO OPERATOR  
Date: 10/30/07  
Initials: RM

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 10/26/07  
By: [Signature]

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)  
William A. Ryan

\* Contact Division when plugging commences  
Title Agent

Signature [Signature]

Date 09/05/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **UTU-73714**  
6. If Indian, Allottee or Tribe Name **N/A**

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator **Retamco Operating Inc.**

3a. Address **P.O. Box 790, Red Lodge, MT 59068**

3b. Phone No. (include area code) **307-347-4557 (Rhonda Tigner, Agent)**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2398' FSL & 2178' FWL NESW Sec. 23, T14S-R25E**

7. If Unit of CA/Agreement, Name and/or No. **N/A**

8. Well Name and No. **Rat Hole Canyon 23-14-25 #1**

9. API Well No. **43-047-32705**

10. Field and Pool or Exploratory Area **Wildcat**

11. Country or Parish, State **Uintah County, UT**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

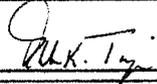
| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |  |  |   |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
|   | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Beginning on November 13, 2007, Retamco Operating Inc. plugged and abandoned the Rat Hole Canyon 23-14-25 #1 well as described in the attached procedure.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**Rhonda K. Tigner**

Title **Agent**

Signature 

Date **03/27/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any Federal, State, or local agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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**MAR 31 2008**

**DIV. OF OIL, GAS & MINING**



### Daily Report

**AFE #** 2007-3 **Retamco Operating, Inc.**  
**Lease #** UTU-73714 **P.O. Box 790**  
**Prospect:** **Red Lodge MY 59068**  
**API #** 43-047-32705 **Report Date** 11/10/2007  
**District:** Rocky Mountain **Work Date** 11/9/2007  
**Report #** 2  
**Well Name:** Rat Hole Canyon 23-14-25 **Loc:** NE 1/4, SW 1/4, Sec.23 T14S R25E  
**Field:**  
**Rig:** County/State **Uintah UT**

**Yesterdays Operation**

**Finished setting up services for Monday & Tuesday.**  
**Didn't hear from the Tool pusher today so look for the rig to be in on Saturday.**  
**Every thing is a go for Monday as far as we are concerned, the only hold up may be the rig.**

**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

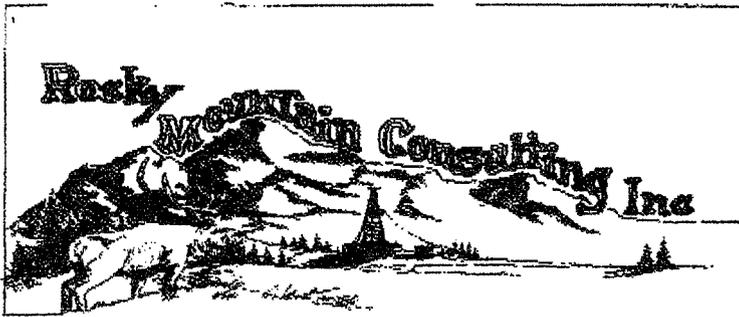
| Item              | Daily    | Cum     | Item              | Daily           | Cum            |
|-------------------|----------|---------|-------------------|-----------------|----------------|
| Location & Roads  |          | \$0     | Well Head         |                 | \$0            |
| Rig-Day Work      |          | \$0     | Separator         |                 | \$0            |
| Rig Mobilization  |          | \$0     | Dehydrator        |                 | \$0            |
| Trucking          |          | \$0     | Drip Pot          |                 | \$0            |
| Water             |          | \$0     | Tanks 300         |                 | \$0            |
| Supervision       | \$ 1,200 | \$2,400 | Tanks 100         |                 | \$0            |
| Miles             | \$ 25    | \$215   | Tank Heater       |                 | \$0            |
| Labor             |          | \$0     | Meter             |                 | \$0            |
| Misc. Equip.      |          | \$0     | Vaives & Fittings |                 | \$0            |
| BOP/Elevators/TIW |          | \$0     | Csg               |                 | \$0            |
| Tank Rent         |          | \$0     | Tbg               |                 | \$0            |
| Logging/Perf.     |          | \$0     |                   |                 | \$0            |
|                   |          | \$0     | <b>Total</b>      | <b>\$ 1,225</b> | <b>\$2,615</b> |

|                  |               |                           |                   |                               |                     |
|------------------|---------------|---------------------------|-------------------|-------------------------------|---------------------|
| <b>Report by</b> | <b>Office</b> | <b>435-789-0968</b>       | <b>Report to:</b> | <b>Office</b>                 | <b>406-446-1568</b> |
| <b>Bill Ryan</b> | <b>Cell</b>   | <b>435-828-0968</b>       | <b>Joe</b>        | <b>Cell</b>                   | <b>406-855-2497</b> |
|                  | <b>Fax</b>    | <b>435-789-0970</b>       | <b>Johnson</b>    | <b>Home</b>                   |                     |
|                  | <b>e-mail</b> | <b>rncwar@hotmail.com</b> | <b>e-mail</b>     | <b>jcejohnson@retamco.com</b> |                     |

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**MAR 31 2008**

**DIV. OF OIL, GAS & MINING**



### Daily Report

**AFE #** 2007-3 **Retamco Operating, Inc.**  
**Lease #** UTU-73714 **P.O. Box 790**  
**Prospect:** **Red Lodge MT 59068**  
**API #** 43-047-32705 **Report Date** 11/13/2007  
**District** Rocky Mountain **Work Date** 11/12/2007  
**Report #** 3  
**Well Name:** Rat Hole Canyon 23-14-25 **Loc:** NE 1/4, SW 1/4, Sec.23 T14S R25E  
**Field:**  
**Rig:** Stone Rig #8 **County/State** Uintah UT

**Yesterdays Operation**

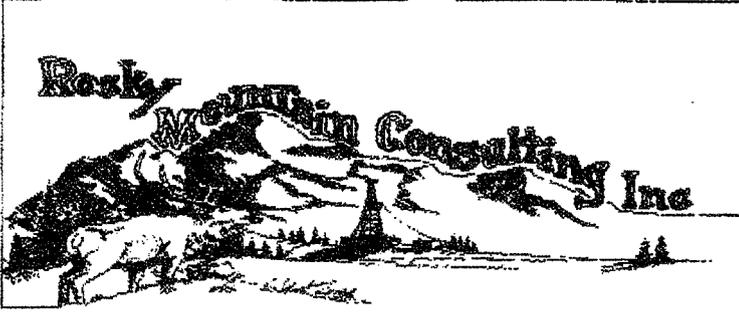
**Loaded 75 jts of 2 3/8" yellow band tbg @ SWD Well and ship to Rat Hole Canyon 23-14-25 #1**  
**Move in & rig up Stone Rig #8. Rig left Vernal @ 11:00 arrived Location @ 15:30, Pump & tank arrived @ 16:30, set pump & tank. SDFN**

**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily    | Cum     |
|-------------------|----------|---------|-------------------|----------|---------|
| Location & Roads  |          | \$0     | Well Head         |          | \$0     |
| Rig-Day Work      | \$ 2,628 | \$2,628 | Separator         |          | \$0     |
| Rig Mobilization  |          | \$0     | Dehydrator        |          | \$0     |
| Trucking          | \$ 750   | \$750   | Drip Pot          |          | \$0     |
| Water             |          | \$0     | Tanks 300         |          | \$0     |
| Supervision       | \$ 1,200 | \$3,600 | Tanks 100         |          | \$0     |
| Miles             | \$ 229   | \$444   | Tank Heater       |          | \$0     |
| Labor             |          | \$0     | Meter             |          | \$0     |
| Misc. Equip.      | \$ 18    | \$18    | Valves & Fittings |          | \$0     |
| BOP/Elevators/TIW |          | \$0     | Csg               |          | \$0     |
| Tank Rent         | \$ 45    | \$45    | Tbg               |          | \$0     |
| Logging/Perf.     |          | \$0     |                   |          | \$0     |
|                   |          | \$0     | <b>Total</b>      | \$ 4,870 | \$7,485 |

|                  |               |                   |                   |               |                        |
|------------------|---------------|-------------------|-------------------|---------------|------------------------|
| <b>Report by</b> | <b>Office</b> | 435-789-0988      | <b>Report to:</b> | <b>Office</b> | 406-448-1568           |
| Bill Ryan        | Cell          | 435-828-0968      | Joe               | Cell          | 406-855-2497           |
|                  | Fax           | 435-789-0970      | Johnson           | Home          |                        |
|                  | e-mail        | mcwar@hotmail.com |                   | e-mail        | joejohnson@retamco.com |

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**MAR 31 2008**  
 DIV. OF OIL, GAS & MINING



### Daily Report

|            |                          |                                       |
|------------|--------------------------|---------------------------------------|
| AFE #      | 2007-3                   | Retamco Operating, Inc.               |
| Lease #    | UTU-73714                | P.O. Box 790                          |
| Prospect:  |                          | Red Lodge MY 59068                    |
| API #      | 43-047-32705             | Report Date <u>11/14/2007</u>         |
| District:  | Rocky Mountain           | Work Date <u>11/13/2007</u>           |
|            |                          | Report # <u>4</u>                     |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc: NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                                       |
| Rig:       | Stone Rig #8             | County/State Uintah UT                |

**Yesterdays Operation**

Safety Meeting, PU 5 jts. Of tbg, tag up, POOH, found 204 jts of TBG in hole instead of 137, LD PSN RIH W/ 209 JTS, RU HES, pump 20 BBL of water to clear TBG., mix & pump 40 Sacks of "G" neat from 4280' - 4071' plug in place @ 15:15. POOH W/ 38 stands, 2350', LD 41 JTS, secure well & SDFN.

Cliff Johnson ( BLM ) Witnessed Job.

Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286

| Item              | Daily    | Cum     | Item              | Daily    | Cum      |
|-------------------|----------|---------|-------------------|----------|----------|
| Location & Roads  |          | \$0     | Well Head         |          | \$0      |
| Rig-Day Work      | \$ 6,667 | \$9,295 | Separator         |          | \$0      |
| Rig Mobilization  |          | \$0     | Dehydrator        |          | \$0      |
| Trucking          |          | \$750   | Drip Pot          |          | \$0      |
| Water             |          | \$0     | Tanks 300         |          | \$0      |
| Supervision       | \$ 1,200 | \$4,800 | Tanks 100         |          | \$0      |
| Miles             |          | \$444   | Tank Heater       |          | \$0      |
| Labor             |          | \$0     | Meter             |          | \$0      |
| Misc. Equip.      | \$ 18    | \$36    | Valves & Fittings |          | \$0      |
| BOP/Elevators/TIW | \$ 300   | \$300   | Csg               |          | \$0      |
| Tank Rent         | \$ 45    | \$90    | Tbg               |          | \$0      |
| Logging/Perf.     |          | \$0     |                   |          | \$0      |
|                   |          | \$0     | Total             | \$ 8,230 | \$15,715 |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rncwar@hotmail.com | e-mail     |        | joejohnson@retamco.com |

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**MAR 31 2008**  
 DIV. OF OIL, GAS & MINING



### Daily Report

**AFE #** 2007-3 **Retamco Operating, Inc.**  
**Lease #** UTU-73714 **P.O. Box 790**  
**Prospect:** **Red Lodge MY 58068**  
**API #** 43-047-32705 **Report Date** 11/15/2007  
**District:** Rocky Mountain **Work Date** 11/14/2007  
**Report #** 5  
**Well Name:** Rat Hole Canyon 23-14-25 **Loc:** NE 1/4, SW 1/4, Sec.23 T14S R25E  
**Field:**  
**Rig:** Stone Rig #8 **County/State** Uintah UT

**Yesterdays Operation**

**Safety Meeting, LD 23 JTS of TBG. PU Weatherford 47PCR 1001 Cast Iron Cement Retainer**  
**RIH W/ 77 Jts Of TBG., 2315' & set CIBP. Roll hole, mix & pump 10 sacks of "G" @ 1.15 yield & 15.8 PPG.**  
**set back 446' of TBG. & test Csg to 500 PSI F/ 15 Min. lost 25 PSI in 15 Min.**  
**Mix & pump 40 Sacks of "G" F/ 446'- 346' , stand back 2 stands, LD 63 Jts. RIH W/ 2 stands, LD 2 Jts. Mix &**  
**pump 10 sacks of "G" 60' - surface, circ 1 bbl good cement to pit. LD 2 Jts. Wash up ND BOPE. RD Stone**  
**Rig #8, Release rig to Evacuation Creek 24-12-25 Well #1.**  
**Job witnessed by Cliff Johnson ( BLM )**  
**Plug @ surface had 2% CaCl2 in Cement.**  
**Reoprt #4 has been corrected, sorry for the mistake.**  
**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item               | Daily     | Cum      | Item              | Daily     | Cum      |
|--------------------|-----------|----------|-------------------|-----------|----------|
| Location & Roads   |           | \$0      | Well Head         |           | \$0      |
| Rig-Day Work       | \$ 5,020  | \$14,315 | Separator         |           | \$0      |
| Rig Mobilization   |           | \$0      | Dehydrator        |           | \$0      |
| Trucking           | \$ 1,064  | \$1,814  | Drip Pot          |           | \$0      |
| Water              |           | \$0      | Tanks 300         |           | \$0      |
| Supervision        | \$ 1,200  | \$6,000  | Tanks 100         |           | \$0      |
| Miles              | \$ 189    | \$822    | Tank Heater       |           | \$0      |
| Labor              |           | \$0      | Meter             |           | \$0      |
| Misc. Equip.       | \$ 22     | \$58     | Valves & Fittings |           | \$0      |
| BOP/Elevators/TIW  | \$ 1,215  | \$1,515  | Csg               |           | \$0      |
| Tank Rent          | \$ 45     | \$135    | Tbg               |           | \$0      |
| Logging/Perf.      |           | \$0      | CIBP              | \$4,445   | \$4,445  |
| Cementing Services | \$ 12,479 | \$12,479 | Total             | \$ 25,679 | \$41,583 |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-448-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | joejohnson@retamco.com |

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**MAR 31 2008**

DIV. OF OIL, GAS & MINING



Rocky Mountain Consulting Inc.  
290 South 800 East  
Vernal, UT 84078  
(435)789-0968

January 1, 2008

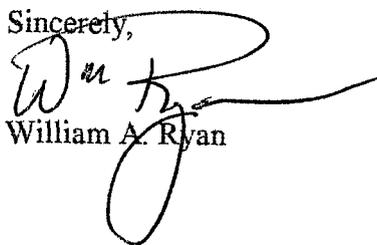
BLM, Vernal Field Office  
170 South 500 East  
Vernal, UT 84078

RE: Rat Hole Canyon 23-14-25 P&A

Please find attached the Well Completion or Recompletion Report, Well Bore Diagram & Morning Report. The Operator Plugged & Abandoned the reference location per your approved Sundry Notice dated September 6, 2007.

If you should have any further questions or concerns, please feel free to contact me.

Sincerely,



William A. Ryan

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APR 30 2008

DIV. OF OIL, GAS & MINING

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

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
**U-73714**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.

*Rat Hole Canyon 23-14-25*

2. NAME OF OPERATOR

**Retamco Operating Company**

9. API WELL NO.

**43-047-32705**

3. ADDRESS AND TELEPHONE NO.

**P.O. Box 790, Red Lodge MT, 59068**

10. FIELD AND POOL OR WILDCAT

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. \*)

At Surface  
**2399 FSL, & 2178 FWL**

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

**Sec. 23, T14S, R25E**

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

**Uintah**

13. STATE

**UT**

15. DATE SPUDDED

**9/12/1995**

16. DATE T.D. REACHED

**9/27/1995**

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**7,008 GL, 7,024 KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**4,600'** MD

21. PLUG, BACK T.D., MD & TVD

TD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

**0-TD**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE     | TOP OF CEMENT | CEMENT RECORD  | AMOUNT PULLED |
|-------------------|-----------------|----------------|---------------|---------------|----------------|---------------|
| <b>9 5/8</b>      | <b>36</b>       | <b>405'</b>    | <b>12 1/4</b> | <b>Surf</b>   | <b>185 Sks</b> | <b>0</b>      |
| <b>7"</b>         | <b>23</b>       | <b>4,244'</b>  |               | <b>Surf</b>   | <b>455 Sks</b> | <b>0</b>      |

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)

| INTERVAL         | SIZE | NUMBER       |
|------------------|------|--------------|
| <b>2,368-84'</b> |      | <b>4 SPF</b> |

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)<br><b>Plugged &amp; Abandoned</b> |               |
| 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

**Morning reports and well bore diagram**

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

SIGNED *[Signature]*

TITLE **Agent**

DATE **1/26/2008**

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**APR 30 2008**



Retamco Operating Inc

Rat Hole Canyon 23-14-25

Drilled 9/12/95-9/27/95

NE1/4 Sw 1/4 Sec. 23, T14S, R25E

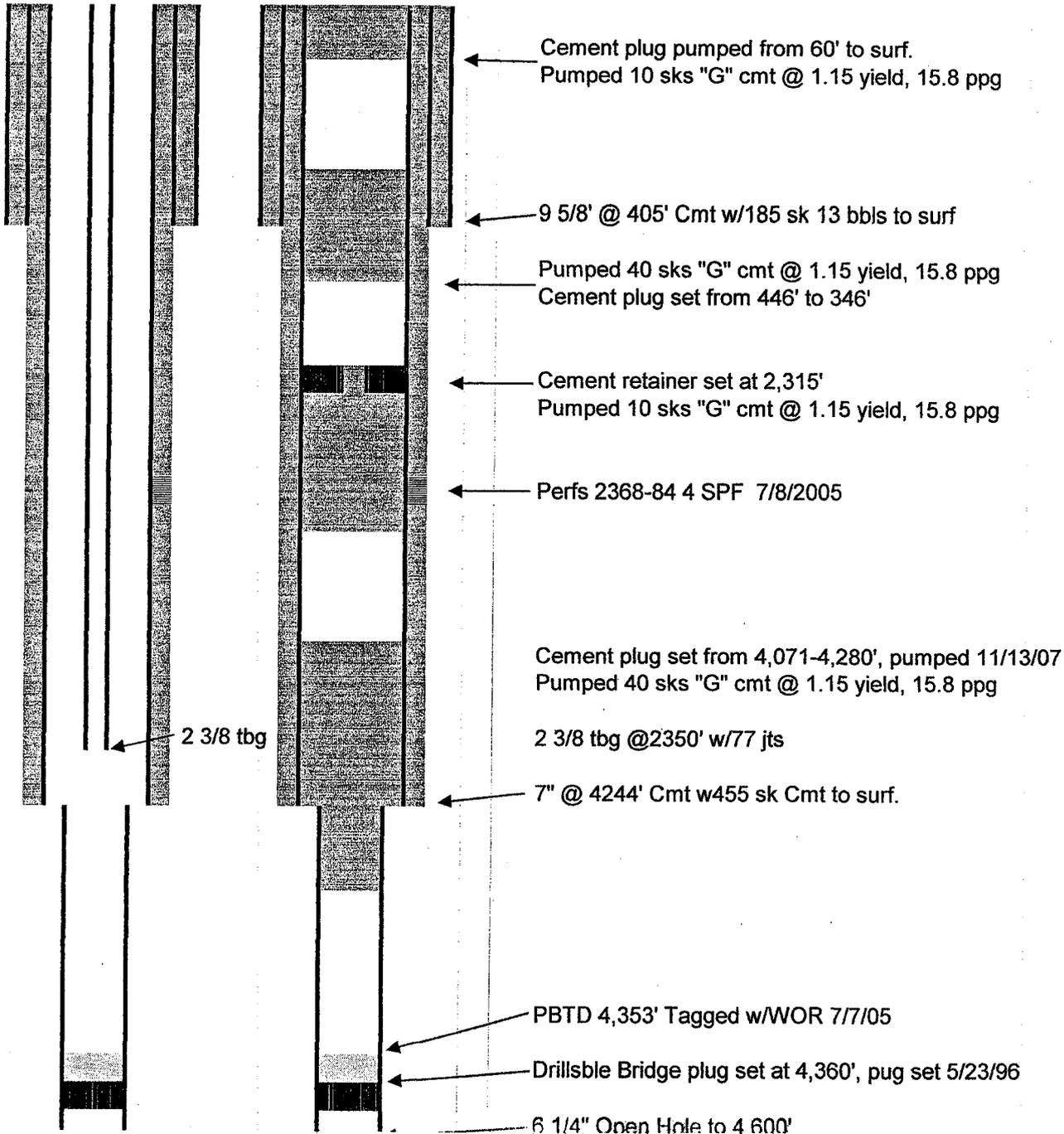
API # 43-047-32705

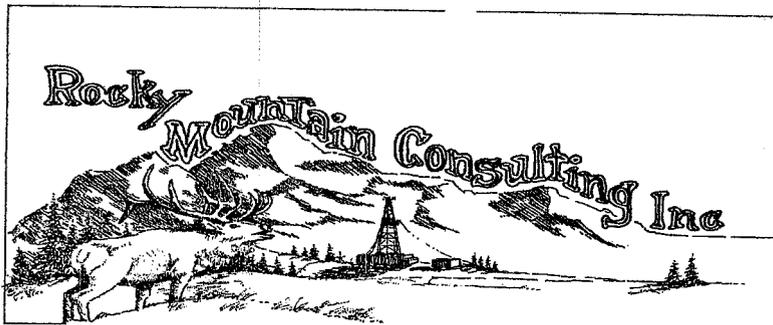
|     |        |     |        |
|-----|--------|-----|--------|
| GL= | 7,008' | KB= | 7,024' |
|-----|--------|-----|--------|

|      | Hole    | Csg    | Wt | Grade | Setting | Cmt top |
|------|---------|--------|----|-------|---------|---------|
| Cond |         |        |    |       |         |         |
| Surf | 12 1/4" | 9 5/8" | 36 | J-55  | 405'    | Surf    |
| Int  |         |        |    |       |         |         |
| Prod |         | 7"     | 23 | N-80  | 4,244'  | Surf    |
| Tbg  |         |        |    |       |         |         |

Well Bore  
Prior to  
P&A

Well Bore  
Post  
P&A





## Daily Report

|           |                |                                |                   |
|-----------|----------------|--------------------------------|-------------------|
| AFE #     | 2007-3         | <b>Retamco Operating, Inc.</b> |                   |
| Lease #   | UTU-73714      | P.O. Box 790                   |                   |
| Prospect: |                | Red Lodge MY 59068             |                   |
| API #     | 43-047-32705   | Report Date                    | <u>11/15/2007</u> |
| District: | Rocky Mountain | Work Date                      | <u>11/14/2007</u> |
|           |                | Report #                       | <u>5</u>          |

Well Name: **Rat Hole Canyon 23-14-25**      Loc: **NE 1/4, SW 1/4, Sec.23 T14S R25E**  
 Field:  
 Rig: **Stone Rig #8**      County/State **Uintah UT**

**Yesterdays Operation**

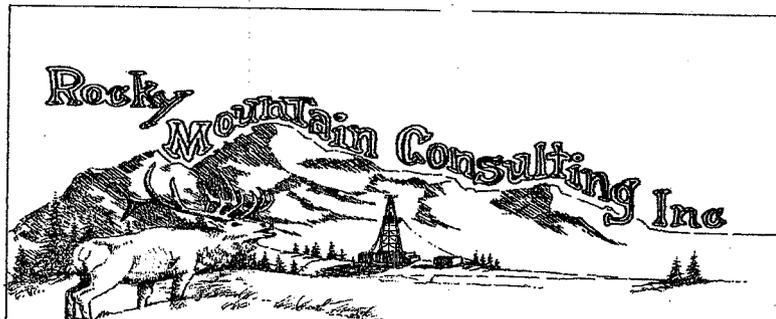
**Safety Meeting, LD 23 JTS of TBG. PU Weatherford 47PCR 1001 Cast Iron Cement Retainer**  
**RIH W/ 77 Jts Of TBG., 2315' & set CIBP. Roll hole, mix & pump 10 sacks of "G" @ 1.15 yield & 15.8 PPG.**  
**set back 446'of TBG. & test Csg to 500 PSI F/ 15 Min. lost 25 PSI in 15 Min.**  
**Mix & pump 40 Sacks of "G" F/ 446'- 346' , stand back 2 stands, LD 63 Jts. RIH W/ 2 stands, LD 2 Jts. Mix &**  
**pump 10 sacks of "G" 60' - surface, circ 1 bbl good cement to pit. LD 2 Jts. Wash up ND BOPE. RD Stone**  
**Rig #8, Releas rig to Evacuation Creek 24-12-25 Well #1.**  
**Job witnessed by Cliff Johnson ( BLM )**  
**Plug @ surface had 2% CaCl2 in Cement.**  
**Reoprt #4 has been corrected, sorry for the mistake.**  
**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item               | Daily     | Cum      | Item              | Daily            | Cum             |
|--------------------|-----------|----------|-------------------|------------------|-----------------|
| Location & Roads   |           | \$0      | Well Head         |                  | \$0             |
| Rig-Day Work       | \$ 5,020  | \$14,315 | Separator         |                  | \$0             |
| Rig Mobilization   |           | \$0      | Dehydrator        |                  | \$0             |
| Trucking           | \$ 1,064  | \$1,814  | Drip Pot          |                  | \$0             |
| Water              |           | \$0      | Tanks 300         |                  | \$0             |
| Supervision        | \$ 1,200  | \$6,000  | Tanks 100         |                  | \$0             |
| Miles              | \$ 189    | \$822    | Tank Heater       |                  | \$0             |
| Labor              |           | \$0      | Meter             |                  | \$0             |
| Misc. Equip.       | \$ 22     | \$58     | Valves & Fittings |                  | \$0             |
| BOP/Elevators/TIW  | \$ 1,215  | \$1,515  | Csg               |                  | \$0             |
| Tank Rent          | \$ 45     | \$135    | Tbg               |                  | \$0             |
| Logging/Perf.      |           | \$0      | CIBP              | \$4,445          | \$4,445         |
| Cementing Services | \$ 12,479 | \$12,479 | <b>Total</b>      | <b>\$ 25,679</b> | <b>\$41,583</b> |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rncwar@hotmail.com |            | e-mail | joejohnson@retamco.com |

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**APR 30 2008**



## Daily Report

|            |                          |                                       |
|------------|--------------------------|---------------------------------------|
| AFE #      | 2007-3                   | <b>Retamco Operating, Inc.</b>        |
| Lease #    | UTU-73714                | P.O. Box 790                          |
| Prospect:  |                          | Red Lodge MY 59068                    |
| API #      | 43-047-32705             | Report Date                           |
| District:  | Rocky Mountain           | Work Date                             |
|            |                          | Report #                              |
| Well Name: | Rat Hole Canyon 23-14-25 | 11/14/2007                            |
| Field:     |                          | 11/13/2007                            |
| Rig:       | Stone Rig #8             | 4                                     |
|            | County/State             |                                       |
|            | Uintah UT                |                                       |
|            |                          | Loc: NE 1/4, SW 1/4, Sec.23 T14S R25E |

**Yesterdays Operation**

**Safety Meeting, PU 5 jts. Of tbg, tag up, POOH, found 135 jts of TBG in hole instead of 77, LD PSN RIH W/ 139 JTS, RU HES, pump 20 BBL of water to clear TBG., mix & pump 40 Sacks of "G" neat from 4280' - 4071' plug in place @ 15:15. POOH W/ 38 stands, 2350', LD 41 JTS, secure well & SDFN.**

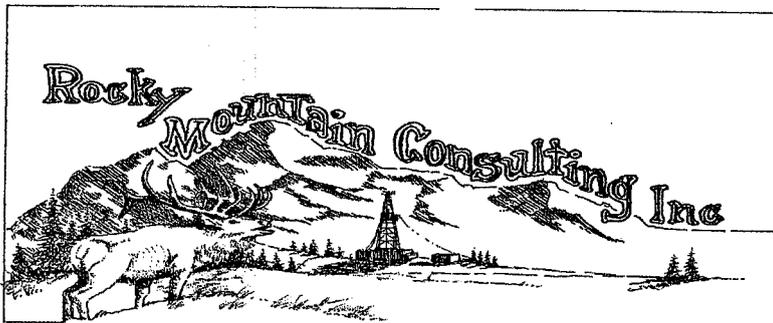
**Cliff Johnson ( BLM ) Witnessed Job.**

**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily           | Cum             |
|-------------------|----------|---------|-------------------|-----------------|-----------------|
| Location & Roads  |          | \$0     | Well Head         |                 | \$0             |
| Rig-Day Work      | \$ 6,667 | \$9,295 | Separator         |                 | \$0             |
| Rig Mobilization  |          | \$0     | Dehydrator        |                 | \$0             |
| Trucking          |          | \$750   | Drip Pot          |                 | \$0             |
| Water             |          | \$0     | Tanks 300         |                 | \$0             |
| Supervision       | \$ 1,200 | \$4,800 | Tanks 100         |                 | \$0             |
| Miles             | \$ 189   | \$633   | Tank Heater       |                 | \$0             |
| Labor             |          | \$0     | Meter             |                 | \$0             |
| Misc. Equip.      | \$ 18    | \$36    | Valves & Fittings |                 | \$0             |
| BOP/Elevators/TIW | \$ 300   | \$300   | Csg               |                 | \$0             |
| Tank Rent         | \$ 45    | \$90    | Tbg               |                 | \$0             |
| Logging/Perf.     |          | \$0     |                   |                 | \$0             |
|                   |          | \$0     | <b>Total</b>      | <b>\$ 8,419</b> | <b>\$15,904</b> |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | joejohnson@retamco.com |

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APR 30 2008



## Daily Report

|            |                          |                                |                                  |
|------------|--------------------------|--------------------------------|----------------------------------|
| AFE #      | 2007-3                   | <b>Retamco Operating, Inc.</b> |                                  |
| Lease #    | UTU-73714                | P.O. Box 790                   |                                  |
| Prospect:  |                          | Red Lodge MT 59068             |                                  |
| API #      | 43-047-32705             | Report Date                    | <u>11/13/2007</u>                |
| District:  | Rocky Mountain           | Work Date                      | <u>11/12/2007</u>                |
|            |                          | Report #                       | <u>3</u>                         |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc:                           | NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                                |                                  |
| Rig:       | Stone Rig #8             | County/State                   | Uintah UT                        |

**Yesterdays Operation**

**Loaded 75 jts of 2 3/8" yellow band tbg @ SWD Well and ship to Rat Hole Canyon 23-14-25 #1**  
**Move in & rig up Stone Rig #8. Rig left Vernal @ 11:00 arrived Location @ 15:30, Pump & tank arrived @ 16:30, set pump & tank. SDFN**

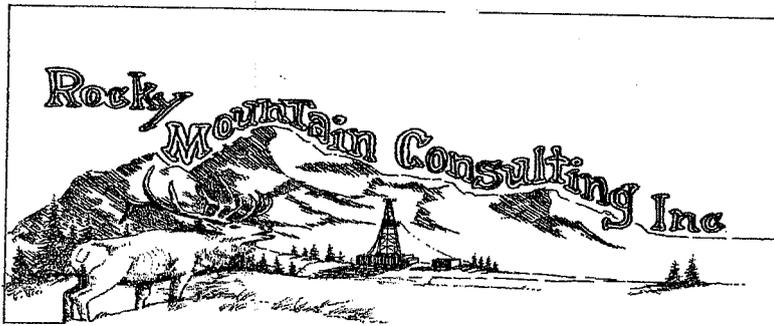
**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily           | Cum            |
|-------------------|----------|---------|-------------------|-----------------|----------------|
| Location & Roads  |          | \$0     | Well Head         |                 | \$0            |
| Rig-Day Work      | \$ 2,628 | \$2,628 | Separator         |                 | \$0            |
| Rig Mobilization  |          | \$0     | Dehydrator        |                 | \$0            |
| Trucking          | \$ 750   | \$750   | Drip Pot          |                 | \$0            |
| Water             |          | \$0     | Tanks 300         |                 | \$0            |
| Supervision       | \$ 1,200 | \$3,600 | Tanks 100         |                 | \$0            |
| Miles             | \$ 229   | \$444   | Tank Heater       |                 | \$0            |
| Labor             |          | \$0     | Meter             |                 | \$0            |
| Misc. Equip.      | \$ 18    | \$18    | Valves & Fittings |                 | \$0            |
| BOP/Elevators/TIW |          | \$0     | Csg               |                 | \$0            |
| Tank Rent         | \$ 45    | \$45    | Tbg               |                 | \$0            |
| Logging/Perf.     |          | \$0     |                   |                 | \$0            |
|                   |          | \$0     | <b>Total</b>      | <b>\$ 4,870</b> | <b>\$7,485</b> |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | joejohnson@retamco.com |

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**APR 30 2008**



## Daily Report

|            |                          |                                |                                  |
|------------|--------------------------|--------------------------------|----------------------------------|
| AFE #      | 2007-3                   | <b>Retamco Operating, Inc.</b> |                                  |
| Lease #    | UTU-73714                | P.O. Box 790                   |                                  |
| Prospect:  |                          | Red Lodge MY 59068             |                                  |
| API #      | 43-047-32705             |                                | Report Date <u>11/10/2007</u>    |
| District:  | Rocky Mountain           |                                | Work Date <u>11/9/2007</u>       |
|            |                          |                                | Report # <u>2</u>                |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc:                           | NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                                |                                  |
| Rig:       | County/State             | Uintah UT                      |                                  |

**Yesterdays Operation**

**Finished setting up services for Monday & Tuesday.**

**Didn't hear from the Tool pusher today so look for the rig to be in on Saturday.**

**Every thing is a go for Monday as far as we are concerned, the only hold up may be the rig.**

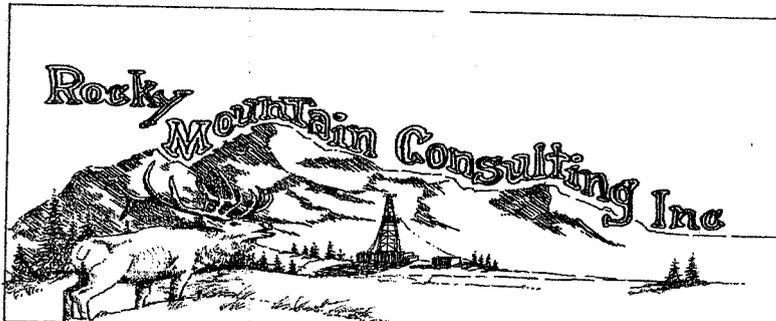
**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily    | Cum     |
|-------------------|----------|---------|-------------------|----------|---------|
| Location & Roads  |          | \$0     | Well Head         |          | \$0     |
| Rig-Day Work      |          | \$0     | Separator         |          | \$0     |
| Rig Mobilization  |          | \$0     | Dehydrator        |          | \$0     |
| Trucking          |          | \$0     | Drip Pot          |          | \$0     |
| Water             |          | \$0     | Tanks 300         |          | \$0     |
| Supervision       | \$ 1,200 | \$2,400 | Tanks 100         |          | \$0     |
| Miles             | \$ 25    | \$215   | Tank Heater       |          | \$0     |
| Labor             |          | \$0     | Meter             |          | \$0     |
| Misc. Equip.      |          | \$0     | Valves & Fittings |          | \$0     |
| BOP/Elevators/TIW |          | \$0     | Csg               |          | \$0     |
| Tank Rent         |          | \$0     | Tbg               |          | \$0     |
| Logging/Perf.     |          | \$0     |                   |          | \$0     |
|                   |          | \$0     | <b>Total</b>      | \$ 1,225 | \$2,615 |

|           |        |                    |            |        |                       |
|-----------|--------|--------------------|------------|--------|-----------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568          |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497          |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                       |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | jojohnson@retamco.com |

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**APR 30 2008**



## Daily Report

|            |                          |                                |                                  |
|------------|--------------------------|--------------------------------|----------------------------------|
| AFE #      | 2007-3                   | <b>Retamco Operating, Inc.</b> |                                  |
| Lease #    | UTU-73714                | P.O. Box 790                   |                                  |
| Prospect:  |                          | Red Lodge MY 59068             |                                  |
| API #      | 43-047-32705             | Report Date                    | <u>11/9/2007</u>                 |
| District:  | Rocky Mountain           | Work Date                      | <u>11/8/2007</u>                 |
|            |                          | Report #                       | <u>1</u>                         |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc:                           | NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                                |                                  |
| Rig:       | County/State             |                                | Uintah UT                        |

**Yesterdays Operation**

Visited location for directions, & to check Wellhead size.  
 Have cement lined up for Tuesday, CIBP for Tuesday, as well as BOP's.  
 Rig is in Brush, Co. tonight, hope to pull in here late Friday or early Saturday morning.  
 Halliburton for cement, & weatherford for BOP's & CIBP

**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-9455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily           | Cum            |
|-------------------|----------|---------|-------------------|-----------------|----------------|
| Location & Roads  |          | \$0     | Well Head         |                 | \$0            |
| Rig-Day Work      |          | \$0     | Separator         |                 | \$0            |
| Rig Mobilization  |          | \$0     | Dehydrator        |                 | \$0            |
| Trucking          |          | \$0     | Drip Pot          |                 | \$0            |
| Water             |          | \$0     | Tanks 300         |                 | \$0            |
| Supervision       | \$ 1,200 | \$1,200 | Tanks 100         |                 | \$0            |
| Miles             | \$ 190   | \$190   | Tank Heater       |                 | \$0            |
| Labor             |          | \$0     | Meter             |                 | \$0            |
| Misc. Equip.      |          | \$0     | Valves & Fittings |                 | \$0            |
| BOP/Elevators/TIW |          | \$0     | Csg               |                 | \$0            |
| Tank Rent         |          | \$0     | Tbg               |                 | \$0            |
| Logging/Perf.     |          | \$0     |                   |                 | \$0            |
|                   |          | \$0     | <b>Total</b>      | <b>\$ 1,390</b> | <b>\$1,390</b> |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 406-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | joejohnson@retamco.com |

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**APR 30 2008**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U-73714

6. If Indian, Allottee or Tribe Name  
NA

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
NA

2. Name of Operator  
Retamco Operating Inc.

8. Well Name and No.  
Rat Hole Canyon 23-14-25 #1

3a. Address  
PO BOX 790  
Red Lodge, MT 59068

3b. Phone No. (include area code)  
(406) 448-1568

9. API Well No.  
4304732705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2389 FSL & 2178 FWL  
NESW Sec 23 T14S R25E

10. Field and Pool or Exploratory Area  
Wildcat

11. Country or Parish, State  
Uintah, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |  |  |   |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Retamco Operating Inc. proposes plugging the subject well as follows. The operator will place a 50' cmt plug on top of the RBP set at 4050'. Tbg will be used to set all plugs. The hole will be loaded w/3% KCL w/corrosion inhibitor between all plugs. Operator will set a CIBP at 2650' +/- The csg will be pressure tested to 500 psi for 15 minutes to insure there are no holes in the csg from 2650' to the surface. Fifty feet of cement will be placed on top of the plug. A 100' balanced plug will be set at 350' to 450'. A 50' plug will be set at the surface. The well head will be cut off and a dry hole marker installed. If the 7" and 9 5/8" annulus is not full of cement the BLM will be contacted and 1" tbg used to fill the annulus.

2007 SEP -5 PM 3:27

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

Name (Printed/Typed)  
William A. Ryan

Title Agent

Signature

*William A. Ryan*

Date 09/05/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

**Petroleum Engineer**

Date SEP 6 2007

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

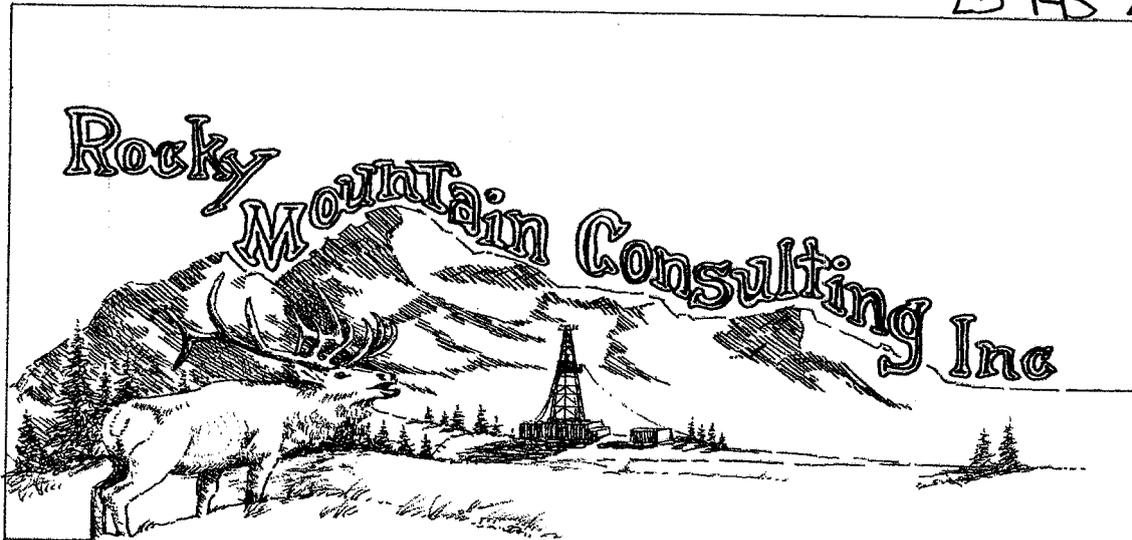
(Instructions on page 2)

REC'D SEP 14 2007

RECEIVED CONDITIONS OF APPROVAL ATTACHED

APR 30 2008

DIV. OF OIL, GAS & MINING



Office 435-789-0968

Cell 435-828-0968

April 28, 2008

BLM Vernal Field Office  
170 South 500 East  
Vernal, UT 84078

RE Rat Hole Canyon 23-14-25  
Second filing of P&A Report

It has come to my attention that the filing of the attached information on 1/26/08 has not been processed. A check with your office indicates that you have no record of the filing.

Please find attached a copy of my letter dated 1/1/08, Well Completion or Recompile Report, well Bore Diagram & Morning Report. The Operator plugged and abandoned the referenced well per your approved Sundry Notice dated Sept. 6. 2007.

The access roads to the location are starting to dry out. Please feel free to contact me at any time to inspect the location and provide information on the surface reclamation.

Sincerely,

  
William Ryan  
Agent

RECEIVED

APR 30 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **UTU-73714**  
6. If Indian, Allottee or Tribe Name **N/A**

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No. **N/A**

8. Well Name and No. **Rat Hole Canyon 23-14-25 #1**

9. API Well No. **43-047-32705**

10. Field and Pool or Exploratory Area **Wildcat**

11. Country or Parish, State **Uintah County, UT**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator **Retamco Operating Inc.**

3a. Address **P.O. Box 790, Red Lodge, MT 59068**  
3b. Phone No. (include area code) **307-347-4557 (Rhonda Tigner, Agent)**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) **2399' FSL & 2178' FWL, NESW Sec. 23, T14S-R25E**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |  |  |   |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
|   | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Beginning on November 13, 2007, Retamco Operating Inc. plugged and abandoned the Rat Hole Canyon 23-14-25 #1 well as described in the attached procedure.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) **Rhonda K. Tigner**  
Title **Agent**  
Signature *[Signature]* Date **03/27/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by *[Signature]* Title **AFM CANS + MINERALS** Date **AUG 06 2008**  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**CONDITIONS OF APPROVAL ATTACHED**

**SEP 30 2010**

**OPERATOR**



## Daily Report

|            |                          |                         |                                  |
|------------|--------------------------|-------------------------|----------------------------------|
| AFE #      | 2007-3                   | Retamco Operating, Inc. |                                  |
| Lease #    | UTU-73714                | P.O. Box 790            |                                  |
| Prospect   |                          | Red Lodge MY 59068      |                                  |
| API #      | 43-047-32705             | Report Date             | 11/10/2007                       |
| District   | Rocky Mountain           | Work Date               | 11/9/2007                        |
|            |                          | Report #                | 2                                |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc:                    | NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                         |                                  |
| Rig:       | County/State             | Uintah UT               |                                  |

### Yesterdays Operation

Finished setting up services for Monday & Tuesday.

Didn't hear from the Tool pusher today so look for the rig to be in on Saturday.

Every thing is a go for Monday as far as we are concerned, the only hold up may be the rig.

**Supervisor: B.L. (Bobby) Cooper Cell: 435-828-1687, Home: 435-789-8455, Fax: 435-789-2286**

| Item              | Daily    | Cum     | Item              | Daily    | Cum     |
|-------------------|----------|---------|-------------------|----------|---------|
| Location & Roads  |          | \$0     | Well Head         |          | \$0     |
| Rig-Day Work      |          | \$0     | Separator         |          | \$0     |
| Rig Mobilization  |          | \$0     | Dehydrator        |          | \$0     |
| Trucking          |          | \$0     | Drip Pot          |          | \$0     |
| Water             |          | \$0     | Tanks 300         |          | \$0     |
| Supervision       | \$ 1,200 | \$2,400 | Tanks 100         |          | \$0     |
| Miles             | \$ 25    | \$215   | Tank Heater       |          | \$0     |
| Labor             |          | \$0     | Meter             |          | \$0     |
| Misc. Equip.      |          | \$0     | Valves & Fittings |          | \$0     |
| BOP/Elevators/TIW |          | \$0     | Csg               |          | \$0     |
| Tank Rent         |          | \$0     | Tbg               |          | \$0     |
| Logging/Perf.     |          | \$0     |                   |          | \$0     |
|                   |          | \$0     | Total             | \$ 1,225 | \$2,615 |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0968       | Report to: | Office | 408-446-1568           |
| Bill Ryan | Cell   | 435-828-0968       | Joe        | Cell   | 406-855-2487           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | icejohnson@retamco.com |



## Daily Report

|            |                          |                         |                                  |
|------------|--------------------------|-------------------------|----------------------------------|
| APE #      | 2007-3                   | Retamco Operating, Inc. |                                  |
| Lease #    | UTU-73714                | P.O. Box 790            |                                  |
| Prospect:  |                          | Red Lodge MT 59088      |                                  |
| API #      | 43-047-32705             | Report Date             | 11/13/2007                       |
| District:  | Rocky Mountain           | Work Date               | 11/13/2007                       |
|            |                          | Report #                | 3                                |
| Well Name: | Rat Hole Canyon 23-14-25 | Loc:                    | NE 1/4, SW 1/4, Sec.23 T14S R25E |
| Field:     |                          |                         |                                  |
| Rig:       | Stone Rig #8             | County/State            | Uintah UT                        |

### Yesterday's Operation

Loaded 75 lbs of 2 3/8" yellow hard tbg @ SWD Well and ship to Rat Hole Canyon 23-14-25 #1  
 Move in & rig up Stone Rig #8. Rig left Vernal @ 11:00 arrived Location @ 15:30. Pump & tank arrived @ 16:30, set pump & tank. SDFN

Supervisor: B.L. (Bobby) Cooper Cell: 435-826-1687, Home: 435-789-0455, Fax: 435-789-2288

| Item              | Daily    | Cum     | Item              | Daily    | Cum     |
|-------------------|----------|---------|-------------------|----------|---------|
| Location & Roads  |          | \$0     | Well Head         |          | \$0     |
| Rig-Day Work      | \$ 2,628 | \$2,628 | Separator         |          | \$0     |
| Rig Mobilization  |          | \$0     | Dehydrator        |          | \$0     |
| Trucking          | \$ 750   | \$750   | Drip Pot          |          | \$0     |
| Water             |          | \$0     | Tanks 300         |          | \$0     |
| Supervision       | \$ 1,200 | \$3,600 | Tanks 100         |          | \$0     |
| Miles             | \$ 229   | \$444   | Tank Heater       |          | \$0     |
| Labor             |          | \$0     | Meter             |          | \$0     |
| Misc. Equip.      | \$ 18    | \$18    | Valves & Fittings |          | \$0     |
| BOP/Elevators/TIW |          | \$0     | Csg               |          | \$0     |
| Tank Rent         | \$ 45    | \$45    | Tbg               |          | \$0     |
| Logging/Perf.     |          | \$0     |                   |          | \$0     |
|                   |          | \$0     | Total             | \$ 4,870 | \$7,485 |

|           |        |                    |            |        |                        |
|-----------|--------|--------------------|------------|--------|------------------------|
| Report by | Office | 435-789-0988       | Report to: | Office | 406-446-1588           |
| Bill Ryan | Cell   | 435-828-0988       | Joe        | Cell   | 406-355-2497           |
|           | Fax    | 435-789-0970       | Johnson    | Home   |                        |
|           | e-mail | rmcwar@hotmail.com |            | e-mail | jcejohnson@retamco.com |

