



**THE RIVER GAS CORPORATION**

3600 Watermelon Road, Suite 204  
Northport, Alabama 35476  
Phone (205) 759-3282  
Fax (205) 759-3188

April 30, 1993

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

RE: Coalbed Methane Well Permit Application -  
Utah #24-3-16, NE/4 of SE/4, Section 24, T14S, R9E  
S.L.B. & M., Carbon County, Utah

Dear Mr. Hill:

Enclosed is an original and one copy of an "Application for Permit to Drill" (APD) as described above. Attached to the APD is the following information:

- Attachment #1 - Copy of survey plat of proposed well site
- Attachment #2 - Information regarding use of water at the site
- Attachment #3 - Schematic of BOP
- Attachment #4 - Original Designation of Agent or Operator (Form 5)
- Attachment #5 - Copy of Designation of Operator form previously sent to State Lands and Forestry Division
- Attachment #6 - Portion of topographical map indicating proposed well site
- Attachment #7 - Additional drilling information furnished according to State regulations.
- Attachment #8 - Evidence of bond sent to State Lands and Forestry Division

Mr. Brad Hill  
April 28, 1993  
Page Two

Also, please accept this letter as our request that all information be kept confidential that is eligible for such consideration regarding this permit. This request is made in accordance with your regulation R615-2-11.

Thank you for your assistance and if you have questions, please feel free to call.

Thank you.

Sincerely,



Michael J. Farrens  
Vice President  
Utah Operations

MJF/djl

Enclosures

cc: Mr. Edward W. Bonner, State Lands Division  
Mr. Eric Jones, BLM @ Moab  
Mr. Dean Nyffler, BLM @ Price  
Mr. Robert A. Hendricks, BLM @ Salt Lake City  
Mr. J. R. French, JR., Texaco

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ATTACHEMENT # 1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
RIVER GAS OF UTAH, INC. (205) 759-3282

3. Address of Operator  
3600 WATERMELON ROAD, SUITE 204, NORTHPORT, ALABAMA 35476

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface  
1525, 'FWL & 1310' FNL, NE/4 of NW/4  
At proposed prod. zone  
SAME

14. Distance in miles and direction from nearest town or post office\*  
THREE (3) MILES SOUTHWEST OF PRICE UTAH

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1310' FEL  
16. No. of acres in lease 1188.45

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
19. Proposed depth 2100'

21. Elevations (Show whether DF, RT, GR, etc.)  
5721' SURVEYED ELEVATIONS

22. Approx. date work will start\*  
AS SOON AS POSSIBLE

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	24#	300'	135 SXS
7 7/8"	5 1/2"	17#	2500'	250 SXS

5. Lease Designation and Serial No.  
ML 38828

6. If Indian, Allottee or Tribe Name  
N/A

7. Unit Agreement Name  
DRUNKARDS WASH UTU67921X

8. Farm or Lease Name  
UTAH

9. Well No.  
24-3-16

10. Field and Pool, or Wildcat  
WILDCAT

11. 00, Sec., T., R., M., or Blk. and Survey or Area  
SEC.24, T14S, R9E  
S.L.B. & M.

12. County or Parrish  
CARBON

13. State  
UTAH

17. No. of acres assigned to this well  
160

20. Rotary or cable tools  
ROTARY

TECHNICAL REVIEW

Engr. \_\_\_\_\_  
Geol. 5/10/93 J. Davis  
Surface B.W.L. 5/10/93

RECEIVED

MAY 03 1993

DIVISION OF  
OIL, GAS & MINING

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

24. I hereby certify that this report is true and complete to the best of my knowledge.  
Signed Michael J. Farnum Title VP UTAH OPERATIONS Date \_\_\_\_\_

(This space for Federal or State office use)

API NO. 43-007-30187

Approval Date \_\_\_\_\_

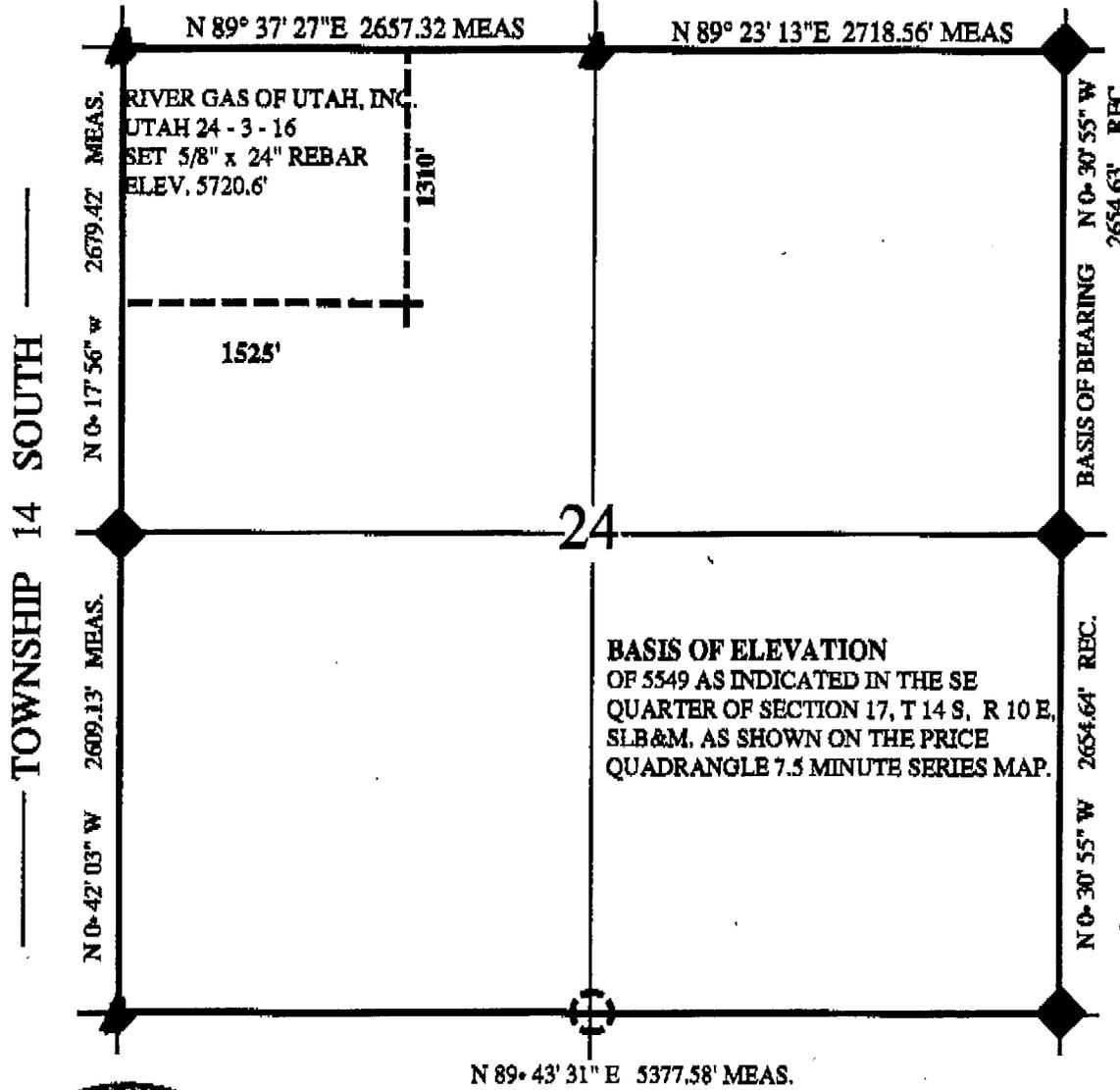
Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

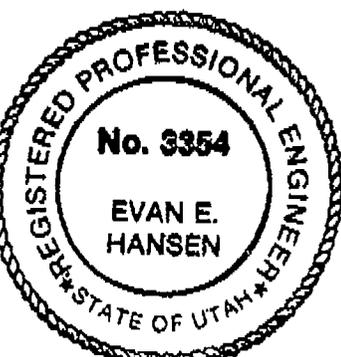
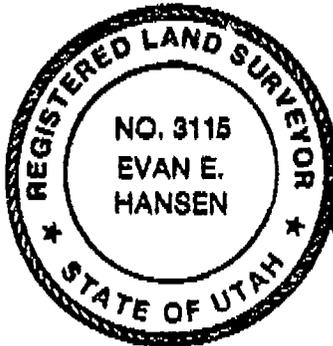
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-11-93  
BY: M. Matthews  
WELL SPACING: 649-2-3

\*See Instructions On Reverse Side



**BASIS OF ELEVATION**  
 OF 5549 AS INDICATED IN THE SE  
 QUARTER OF SECTION 17, T 14 S, R 10 E,  
 SLB&M, AS SHOWN ON THE PRICE  
 QUADRANGLE 7.5 MINUTE SERIES MAP.



**BASIS OF BEARING**

BASIS OF BEARING N 0° 30' 55" W RECORDED BETWEEN THE EAST QUARTER CORNER AND THE NORTHEAST CORNER OF SECTION 24, TOWNSHIP 14 SOUTH, RANGE 9 EAST, SALT LAKE BASE AND MERIDIAN AND IS THE UTAH STATE PLANE COORDINATE SYSTEM AS ESTABLISHED BY THE CARBON COUNTY SURVEYOR'S OFFICE.

**LEGEND**

- ◆ FOUND BRASS CAP
  - SEARCHED FOR BUT NOT FOUND
  - ⬇ FOUND ROCK CORNER
- SEC. 24 T 14 S, R 9 E, S.L.B.&M.

**ENGINEER'S CERTIFICATE**

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATES NO. 3115 AND NO. 3354 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Evan E. Hansen APRIL 22, 1993  
 EVAN E. HANSEN DATE

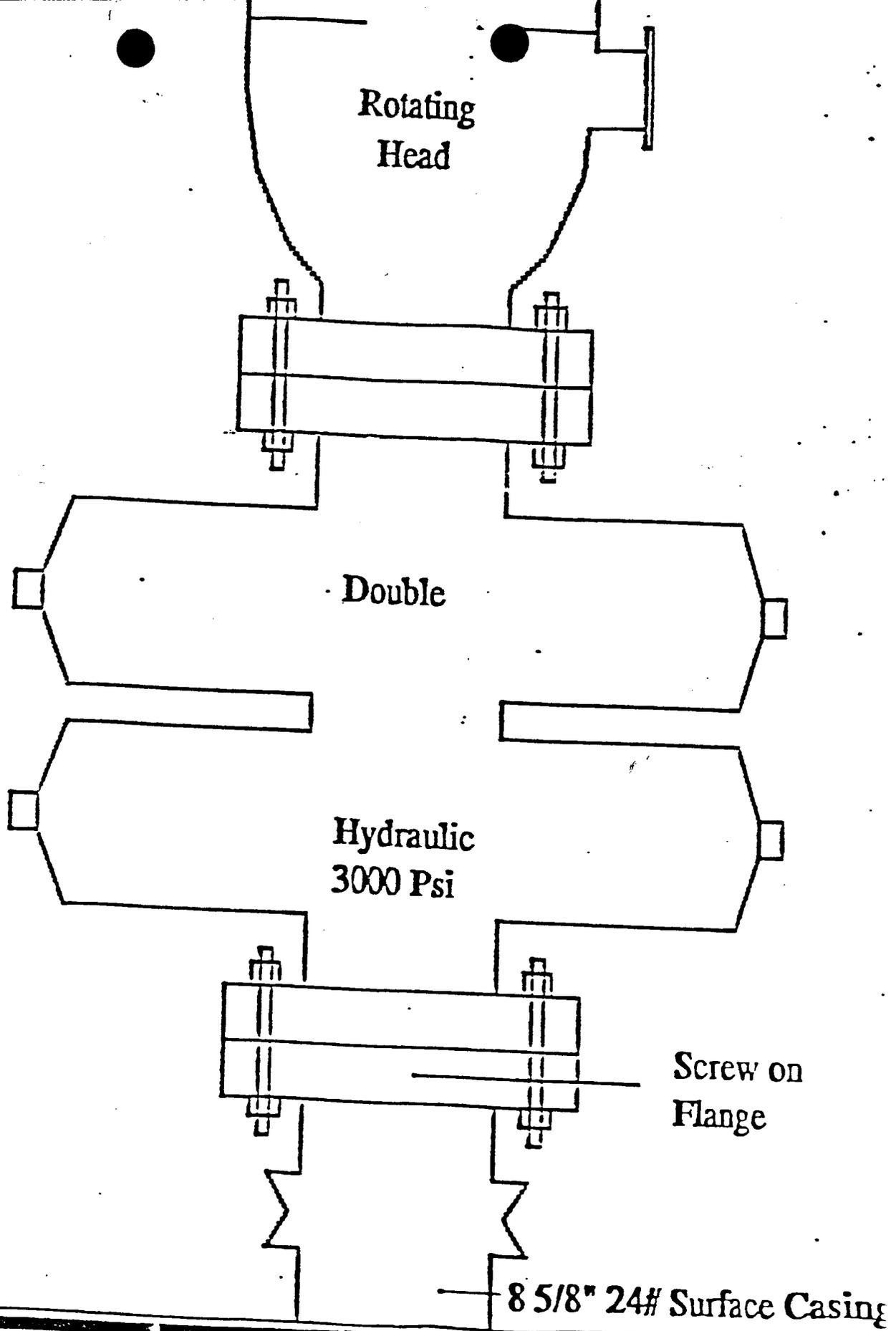
<b>EMPIRE ENGINEERING</b> 1665 E. SAGEWOOD RD, PRICE, UTAH 84501		
RIVER GAS OF UTAH, INC. UTAH 24 - 3 - 16		
DRAWN BY: TH	APPROVED BY: EEH	DRAWING NO.
DATE: 4-26-93	SCALE: 1" = 1000"	EEOG-130

RIVER GAS OF UTAH, INC.

ATTACHMENT #2

RE: Use of Water During Drilling Operations

As stated, water which we will be using is to be purchased from the Price River Water Improvement District (Tel. 801-637-6350). This has been arranged by Mr. Michael J. Farrens, Drilling Supervisor for River Gas of Utah, Inc. He has been in contact with Mr. Phillip Palmer. Mr. Farrens has discussed this arrangement with Mark Page of the Division of Water Rights (Tel. 801-637-1303) over the telephone. The Division of Water Rights is to furnish the Oil & Gas Division with a letter of approval concerning this matter.



DESIGNATION OF AGENT OR OPERATOR - FORM 5

ATTACHMENT # 4

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

LEASE NAME: State of Utah

LEASE NUMBER: 38828

and hereby designates

NAME: River Gas of Utah, Inc.

ADDRESS: 3600 Watermelon Road, Suite 204, Northport, AL 35476

as his 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):

Township 14 South, Range 9 East, SLM

Section 13: SE/4SE/4

Section 24: All

Section 25: W/2, NE/4

containing 1,160.00 acres, more or less, Carbon County, Utah

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

Effective Date of  
Designation:

6-30-92

By:

*OK Weir*

(Signature)

Company: TEXACO EXPLORATION AND  
PRODUCTION INC.

Title:

Attorney-In-Fact

Address: P. O. Box 2100

Phone:

(303) 793-4047

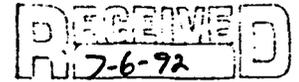
Denver, CO 80201

## DESIGNATION OF OPERATOR

ATTACHMENT # 5

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands & Forestry, holder of lease. ML 38828:

and hereby designates



NAME: River Gas of Utah, Inc.  
ADDRESS: 3600 Watermelon Road, Suite 204, Northport, AL 35476

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands & Forestry or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (described acreage to which this designation is applicable):

Township 14 South, Range 9 East, SLM

Section 13: SE/4SE/4  
Section 24: All  
Section 25: W/2, NE/4

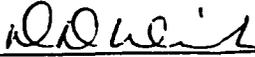
containing 1,160.00 acres, more or less,  
Carbon County, Utah

It is understood that this designation of operator does not relive the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands & Forestry or his representative.

The lessee agrees promptly to notify the Division of State Lands & Forestry of any change in the designated operator.

Texaco Exploration And Production Inc.

  
Attorney-In-Fact (Signature of Lessee)

6-30-92

(Date)

P. O. Box 2100, Denver, CO 80201  
(Address)

4385000m.N.

RIVER GAS OF UTAH, INC.

ATTACHMENT #6

4384

4383

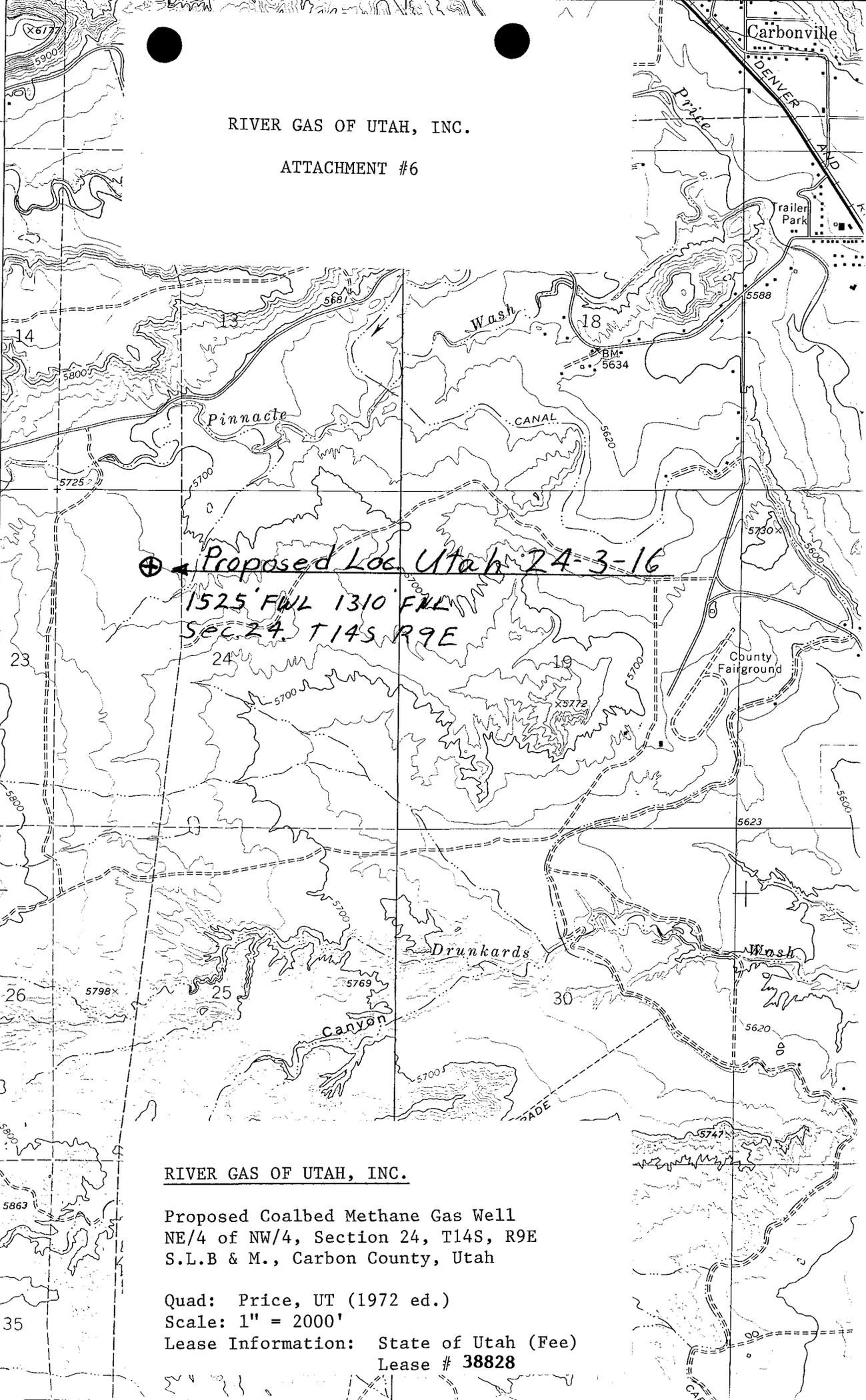
4382

35'

4381

4380

33863 III SW  
PINNACLE PEAK



⊕ Proposed Loc Utah 24-3-16  
 1525' FWL 1310' FWL  
 SEC. 24, T14S, R9E

RIVER GAS OF UTAH, INC.

Proposed Coalbed Methane Gas Well  
 NE/4 of NW/4, Section 24, T14S, R9E  
 S.L.B & M., Carbon County, Utah

Quad: Price, UT (1972 ed.)  
 Scale: 1" = 2000'  
 Lease Information: State of Utah (Fee)  
 Lease # 38828

**RIVER GAS OF UTAH, INC.  
ATTACHMENT #7  
PREPARED MICHAEL J. FARRENS**

Additional Drilling Information

**UTAH # 24-3-16**

1525FWL **AND** 1310FNL

Section 24, Township 14 South, Range 9 East, Carbon County, Utah

**R615-3-4 Permitting of Wells to be Drilled, Deepened or Plugged Back**

2.1 Telephone numbers for additional information:

Michael J. Farrens	(205) 759-3282 Office
Vice President	(205) 758-8535 Home
	(801) 650-1162 Mobile

Joseph L. Stephenson	(205) 759-3282 Office
Land Manager	

David M. Chambers	(205) 759-3282 Office
President	(205) 759-3282

2.2 State Lease: Serial No. 38828

2.3 This gas well will be drilled in a Federal Unit. The Unit name is Drunkards Wash Unit. The Unit No. is UTU 67921X.

2.4 Survey Plat: See Attachment #1

2.5 Water will be purchased from Price River Water Improvement District : See Attachment #2

2.6 Drilling Program.

2.6.1 The following geologic units are expected to be penetrated in the well.

<u>Formation/Unit</u>	<u>Depth (ft)</u>
Upper Mancos Shale	Surface
Ferron Coal	1600'
Ferron Coal (Big)	1700'
TD	2400'

- 2.6.2 The Ferron Coals will be the only gas and water bearing formations. The depth to the top coal formation is expected to be 1600', and the depth to the top of the lower coal formation is expected to be 1700'. 5-1/2" 17.0 #M75 casing will be run and cemented with 180 sacks light cement and tail-in with 70 sacks class "A".
- 2.6.3 A double gate 2000 psi BOPE will be used with a rotating head. This equipment will be tested to 1000 psi. Surface casing will be tested to 1 psi/ft. of setting depth. All test will be recorded in a Driller Report Book. Physical operation of BOP's will be checked on each trip. See Attachment #3 for Schematic.
- 2.6.4 None.
- 2.6.5 Mud Program:
- |          |              |  |
|----------|--------------|--|
| 0-300    | 12-1/4" hole | Drill with air or fresh and gel sweeps as necessary.   |
| 300-2400 | 7-7/8" hole  | Drill with air. 400 psi @ 1500-1800 Scf. Mud logger will be on hole to monitor for gas and CO <sub>2</sub> . |
- 2.6.6 Logging Program:
- |          |  |
|----------|--|
| Depth    |  |
| 0-300    | Gamma Ray  |
| 300-2400 | Gamma Ray, Density, Neutron porosity, Sonic, Caliper |
| Coring:  | 1750' - 1850'  |
- 2.6.7 We expect 760 psi for bottom hole pressure. No other hazards are expected.

**BENEFICIARY:**  
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
355 WEST TEMPLE  
SALT LAKE CITY, UTAH 84180-1204

DECEMBER 14, 1990  
LETTER OF CREDIT NO: 8304606

**RIVER GAS OF UTAH, INC.**  
ATTACHMENT #8  
Page 1 of 2

**GENTLEMEN:**

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN FAVOR OF THE DIRECTOR OF THE DIVISION OF STATE LANDS AND FORESTRY OF THE STATE OF UTAH FOR THE ACCOUNT OF RIVER GAS OF UTAH, INC. 12031 LAKE NICOL ROAD, TUSCALOOSA, ALABAMA 35406 FOR THE AGGREGATE AMOUNT OF EIGHTY THOUSAND DOLLARS (\$80,000.00) AVAILABLE BY YOUR DRAFTS AT SIGHT ON THE BANK WHEN DRAWN IN ACCORDANCE WITH THE TERMS AND ACCOMPANIED BY THE DOCUMENTS LISTED UNDER PART C BELOW:

- A. THIS LETTER OF CREDIT IS ISSUED BECAUSE THE OPERATOR IS OR WILL BE ENGAGED IN DRILLING, REDRILLING, DEEPENING, REPAIRING, OPERATING AND PLUGGING AND ABANDONMENT A WELL OR WELLS AND RESTORING THE WELL SITE OR SITES ON LANDS OWNED BY THE STATE OF UTAH FOR THE PURPOSES OF OIL OR GAS PRODUCTION AND/OR THE INJECTION AND DISPOSAL OF FLUIDS IN CONNECTION THEREWITH FOR THE FOLLOWING DESCRIBED LAND OR WELL:  
TO COVER ALL WELLS DRILLED ON LAND OWNED BY THE STATE OF UTAH.
- B. THIS LETTER OF CREDIT IS SPECIFICALLY ISSUED AT THE REQUEST OF THE OPERATOR TO ASSURE THAT THIS FUND WILL BE AVAILABLE DURING THE TIME THAT THE WELLS REFERENCED ABOVE ARE ACTIVE. WE ARE NOT A PARTY TO, NOR BOUND BY, THE TERMS OF ANY AGREEMENT BETWEEN YOU AND THE OPERATOR OUT OF WHICH THIS LETTER OF CREDIT MAY ARISE.
- C. DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST BE ACCOMPANIED BY AN AFFIDAVIT SIGNED BY THE DIRECTOR OF THE DIVISION OF STATE LANDS AND FORESTRY STATING THAT:
  - 1. ANY WELL IS DEEMED NECESSARY FOR PLUGGING AND ABANDONMENT AND THE OPERATOR HAS NOT FULFILLED SUCH OBLIGATION UNDER THE OIL AND GAS CONSERVATION GENERAL RULES OF THE STATE OF UTAH.
  - 2. THE DRAFT IS IN THE ESTIMATED COST OF PLUGGING EACH WELL UP TO THE APPROPRIATE AMOUNT OF THE LETTER OF CREDIT.

WE WILL BE ENTITLED TO RELY UPON THE STATEMENTS CONTAINED IN THE AFFIDAVIT AND WILL HAVE NO OBLIGATION TO INDEPENDENTLY VERIFY ANY STATEMENTS CONTAINED THEREIN.

\*\*\*\*\*CONTINUED ON NEXT PAGE\*\*\*\*\*

RIVER GAS OF UTAH, INC.

ATTACHMENT #8

Page 2 of 2

BENEFICIARY:  
STATE OF UTAH, DIVISION OF STATE

PAGE 02  
DECEMBER 14, 1990

LETTER OF CREDIT NO 5304506

EACH DRAFT HEREUNDER MUST BE LISTED AND ENDORSED ON THE REVERSE SIDE OF THIS LETTER OF CREDIT, AND THIS LETTER OF CREDIT MUST BE ATTACHED TO THE LAST DRAFT WHEN THE CREDIT HAS BEEN EXHAUSTED. DRAFTS MAY BE PRESENTED AT THE OFFICE OF THIS BANK NO LATER THAN 2:00 P.M. BIRMINGHAM ALABAMA TIME ON DECEMBER 13, 1991, AND BEAR THE CLAUSE "DRAWN UNDER THE AMSOUTH BANK N.A., BIRMINGHAM, ALABAMA, BANK LETTER OF CREDIT NO. 5304506, DATED DECEMBER 14, 1990".

WE HEREBY ENGAGE WITH THE BONA FIDE HOLDERS OF THIS DRAFT AND/OR DOCUMENTS PRESENTED UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT THAT SUCH DRAFT AND/OR DOCUMENTS WILL BE DULY HONORED UPON PRESENTATION TO US. OUR OBLIGATIONS HEREUNDER SHALL NOT BE SUBJECT TO ANY CLAIM OR DEFENSE BY REASON OF THE INVALIDITY, ILLEGALITY, OR UNENFORCEABILITY OF ANY OF THE AGREEMENTS UPON WHICH THIS LETTER OF CREDIT IS BASED.

THIS LETTER OF CREDIT IS SUBJECT TO UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1983 REVISION) ICC PUBLICATION NO. 400.

*Melby J. Brookfield*  
AUTHORIZED SIGNATURE

*Jeanne K. Hoover*  
AUTHORIZED SIGNATURE



**THE RIVER GAS CORPORATION**

3600 Watermelon Road, Suite 204  
Northport, Alabama 35476  
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**RECEIVED**

MAY 03 1993

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OIL GAS & MINING

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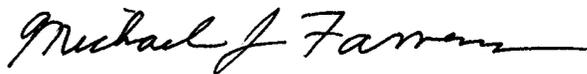
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Page Two

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Vice President  
Utah Operations

MJF/djl

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24. I hereby certify that this report is true and complete to the best of my knowledge.  
 Signed: Michael J. Farns Title: VP UTAH OPERATIONS Date: \_\_\_\_\_

(This space for Federal or State office use)  
 API NO. 43-001-30187 Approval Date \_\_\_\_\_

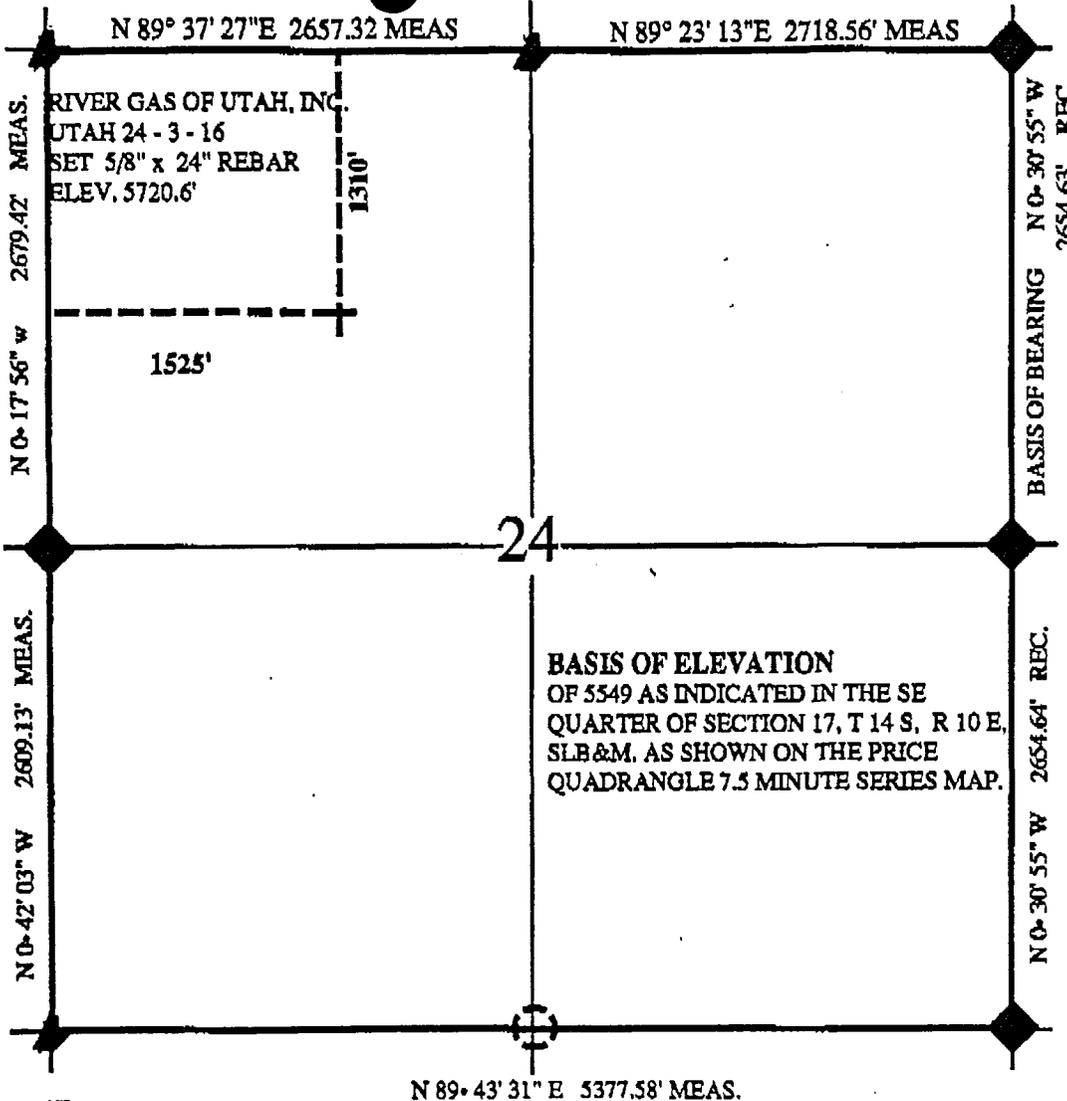
Approved by: ACCEPTED Title: Branch of Fluid Minerals Date: MAY 6 1993  
 Conditions of approval, if any: Moab District

ACCEPT FOR UNIT PURPOSES ONLY  
 ACCEPTED FOR UNIT PURPOSES, ONLY

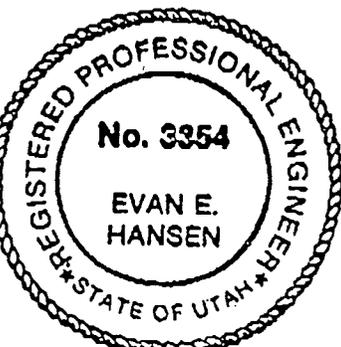
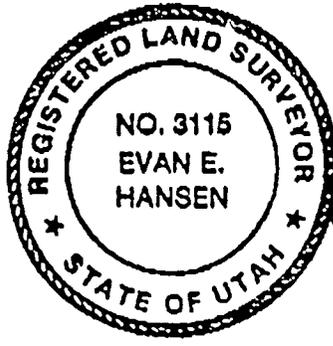
\*See Instructions On Reverse Side

Down

TOWNSHIP 14 SOUTH



**BASIS OF ELEVATION**  
 OF 5549 AS INDICATED IN THE SE  
 QUARTER OF SECTION 17, T 14 S, R 10 E,  
 SLB&M. AS SHOWN ON THE PRICE  
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**LEGEND**

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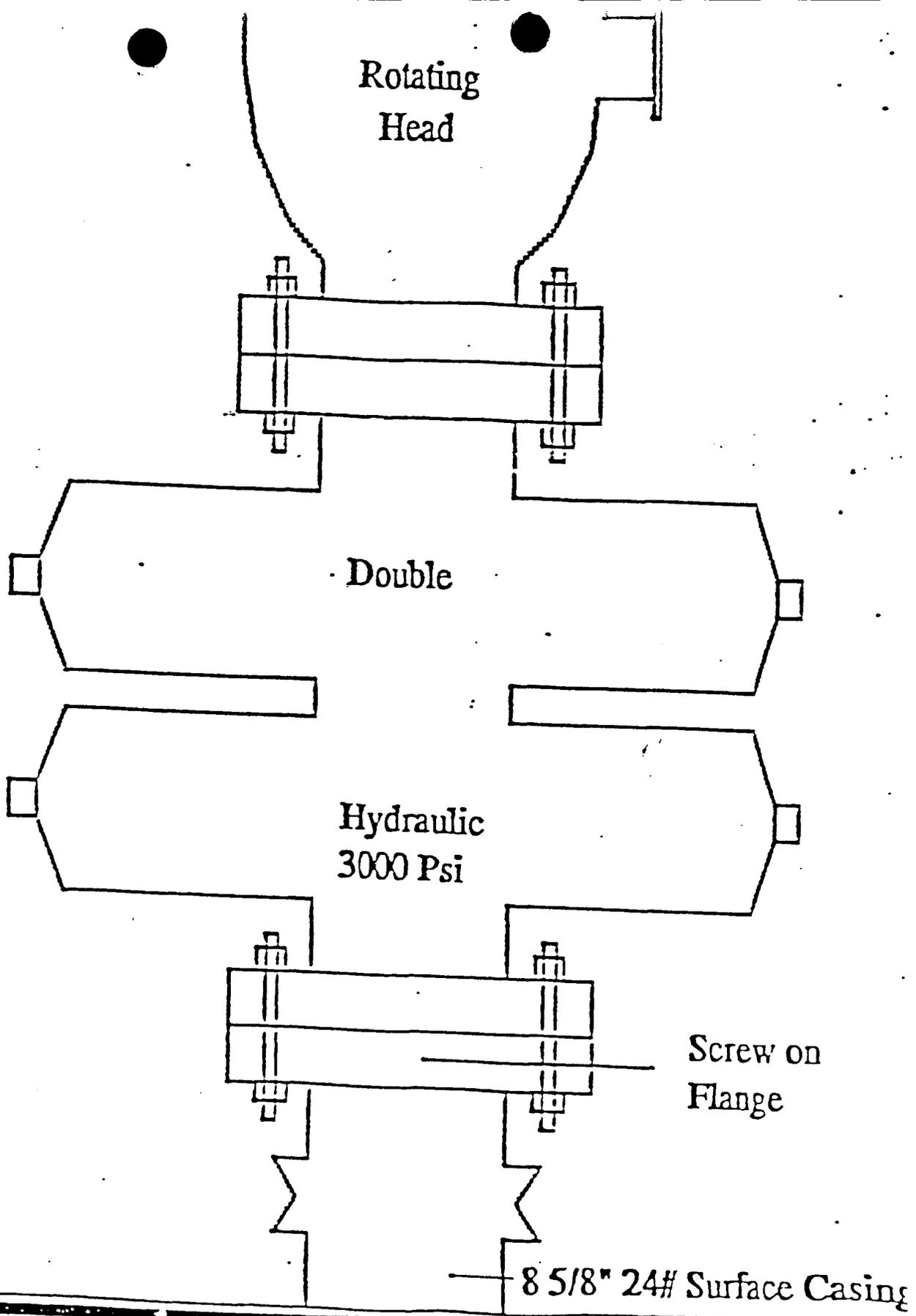
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Evan E. Hansen APRIL 22, 1993  
 EVAN E. HANSEN DATE

<b>EMPIRE ENGINEERING</b> 1665 E. SAGEWOOD RD. PRICE, UTAH 84501		
RIVER GAS OF UTAH, INC. UTAH 24 - 3 - 16		
DRAWN BY: TH	APPROVED BY: EEH	DRAWING NO. EEOG-130
DATE: 4-26-93	SCALE: 1" = 1000'	





RIVER GAS OF UTAH, INC.  
ATTACHMENT #3

DESIGNATION OF AGENT OR OPERATOR - FORM 5

ATTACHMENT # 4

The undersigned is, on record, the holder of oil and gas lease  
 LEASE NAME: State of Utah

LEASE NUMBER: 38828

and hereby designates  
 NAME: River Gas of Utah, Inc.

ADDRESS: 3600 Watermelon Road, Suite 204, Northport, AL 35476

as his 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):

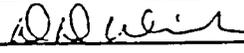
Township 14 South, Range 9 East, SLM  
Section 13: SE/4SE/4  
Section 24: All  
Section 25: W/2, NE/4

containing 1,160.00 acres, more or less, Carbon County, Utah

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

Effective Date of Designation: 6-30-92 By:   
 (Signature)

Company: TEXACO EXPLORATION AND PRODUCTION INC. Title: Attorney-In-Fact

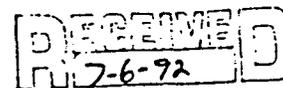
Address: P. O. Box 2100 Phone: (303) 793-4047  
Denver, CO 80201

## DESIGNATION OF OPERATOR

ATTACHMENT # 5

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands & Forestry, holder of lease. ML 38828:

and hereby designates



NAME: River Gas of Utah, Inc.  
ADDRESS: 3600 Watermelon Road, Suite 204, Northport, AL 35476

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands & Forestry or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (described acreage to which this designation is applicable):

Township 14 South, Range 9 East, SLM

Section 13: SE/4SE/4

Section 24: All

Section 25: W/2, NE/4

containing 1,160.00 acres, more or less,  
Carbon County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands & Forestry or his representative.

The lessee agrees promptly to notify the Division of State Lands & Forestry of any change in the designated operator.

Texaco Exploration And Production Inc.

*[Signature]*  
Attorney-In-Fact (Signature of Lessee)

6-30-92

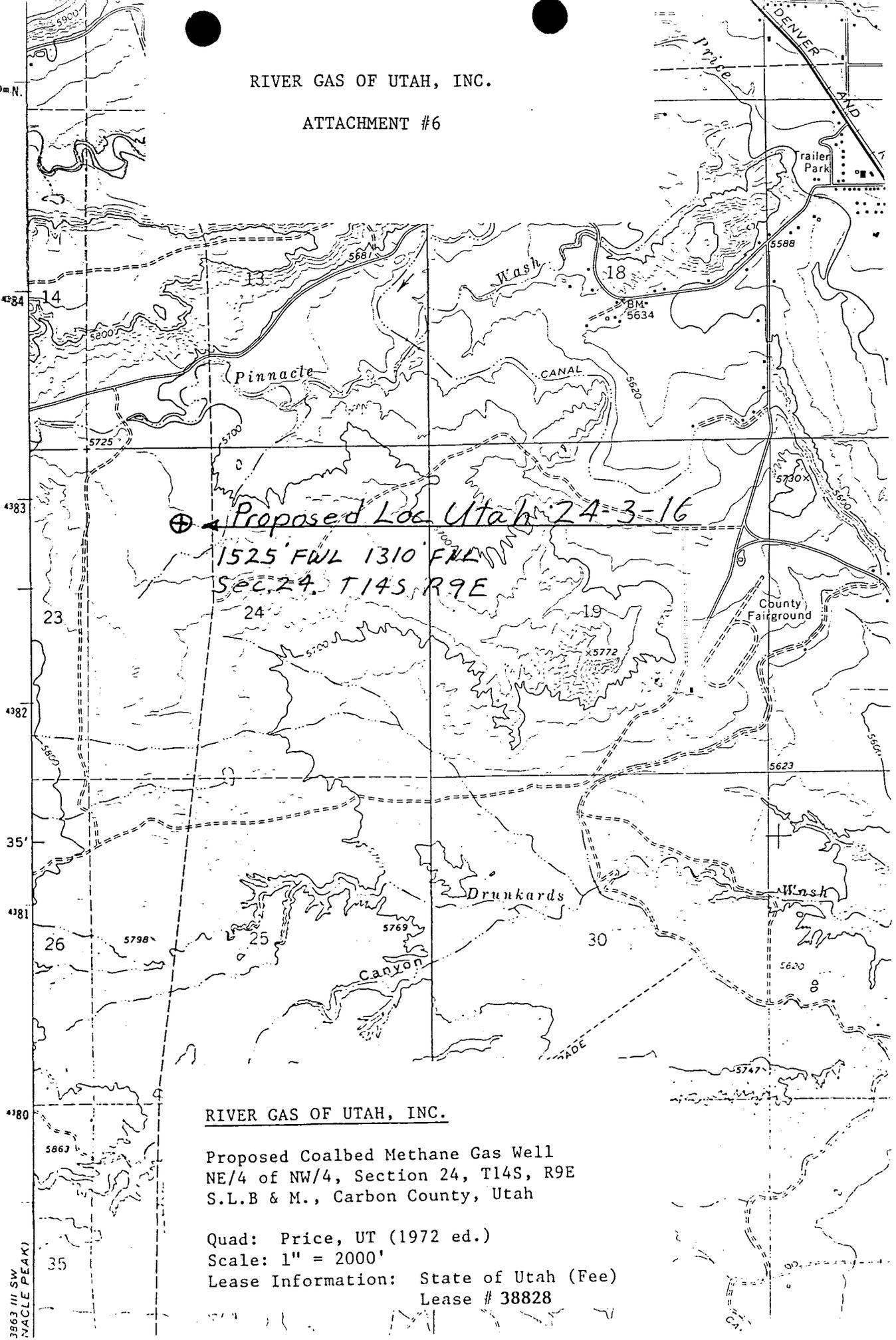
(Date)

P. O. Box 2100, Denver, CO 80201  
(Address)

RIVER GAS OF UTAH, INC.

ATTACHMENT #6

4385000 m N.



⊕ Proposed Loc Utah 24-3-16  
1525' FWL 1310' FRL  
SEC. 24, T14S, R9E

RIVER GAS OF UTAH, INC.

Proposed Coalbed Methane Gas Well  
NE/4 of NW/4, Section 24, T14S, R9E  
S.L.B & M., Carbon County, Utah

Quad: Price, UT (1972 ed.)  
Scale: 1" = 2000'  
Lease Information: State of Utah (Fee)  
Lease # 38828

3863 III SW  
PINNACLE PEAK

RIVER GAS OF UTAH, INC.  
ATTACHMENT #7  
PREPARED MICHAEL J. FARRENS

Additional Drilling Information

UTAH # 24-3-16

1525FWL AND 1310FNL

Section 24, Township 14 South, Range 9 East, Carbon County, Utah

R615-3-4 Permitting of Wells to be Drilled, Deepened or Plugged Back

2.1 Telephone numbers for additional information:

Michael J. Farrens (205) 759-3282 Office  
Vice President (205) 758-8535 Home  
(801) 650-1162 Mobile

Joseph L. Stephenson (205) 759-3282 Office  
Land Manager

David M. Chambers (205) 759-3282 Office  
President (205) 759-3282

2.2 State Lease: Serial No. 38828

2.3 This gas well will be drilled in a Federal Unit. The Unit name is Drunkards Wash Unit. The Unit No. is UTU 67921X.

2.4 Survey Plat: See Attachment #1

2.5 Water will be purchased from Price River Water Improvement District : See Attachment #2

2.6 Drilling Program.

2.6.1 The following geologic units are expected to be penetrated in the well.

<u>Formation/Unit</u>	<u>Depth (ft)</u>
Upper Mancos Shale	Surface
Ferron Coal	1600'
Ferron Coal (Big)	1700'
TD	2400'

- 2.6.2 The Ferron Coals will be the only gas and water bearing formations. The depth to the top coal formation is expected to be 1600', and the depth to the top of the lower coal formation is expected to be 1700'. 5-1/2" 17.0 #M75 casing will be run and cemented with 180 sacks light cement and tail- in with 70 sacks class "A".
- 2.6.3 A double gate 2000 psi BOPE will be used with a rotating head. This equipment will be tested to 1000 psi. Surface casing will be tested to 1 psi/ft. of setting depth. All test will be recorded in a Driller Report Book. Physical operation of BOP's will be checked on each trip. See Attachment #3 for Schematic.
- 2.6.4 None.
- 2.6.5 Mud Program:
- |          |              |  |
|----------|--------------|--|
| 0-300    | 12-1/4" hole | Drill with air or fresh and gel sweeps as necessary.   |
| 300-2400 | 7-7/8" hole  | Drill with air. 400 psi @ 1500-1800 Scf. Mud logger will be on hole to monitor for gas and CO <sub>2</sub> . |
- 2.6.6 Logging Program:
- |          |  |
|----------|--|
| Depth    |  |
| 0-300    | Gamma Ray  |
| 300-2400 | Gamma Ray, Density, Neutron porosity, Sonic, Caliper |
| Coring:  | 1750' - 1850'  |
- 2.6.7 We expect 760 psi for bottom hole pressure. No other hazards are expected.

BENEFICIARY:  
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
335 WEST TEMPLE  
SALT LAKE CITY, UTAH 84180-1204

DECEMBER 14, 1990  
LETTER OF CREDIT NO: 6304605

RIVER GAS OF UTAH, INC.  
ATTACHMENT #8  
Page 1 of 2

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN FAVOR OF THE DIRECTOR OF THE DIVISION OF STATE LANDS AND FORESTRY OF THE STATE OF UTAH FOR THE ACCOUNT OF RIVER GAS OF UTAH, INC. 12031 LAKE NICOL ROAD, TUSCALOOSA, ALABAMA 35406 FOR THE AGGREGATE AMOUNT OF EIGHTY THOUSAND DOLLARS (\$80,000.00) AVAILABLE BY YOUR DRAFTS AT SIGHT ON THE BANK WHEN DRAWN IN ACCORDANCE WITH THE TERMS AND ACCOMPANIED BY THE DOCUMENTS LISTED UNDER PART C BELOW:

A. THIS LETTER OF CREDIT IS ISSUED BECAUSE THE OPERATOR IS OR WILL BE ENGAGED IN DRILLING, REDRILLING, DEEPENING, REPAIRING, OPERATING AND PLUGGING AND ABANDONMENT A WELL OR WELLS AND RESTORING THE WELL SITE OR SITES ON LANDS OWNED BY THE STATE OF UTAH FOR THE PURPOSES OF OIL OR GAS PRODUCTION AND/OR THE INJECTION AND DISPOSAL OF FLUIDS IN CONNECTION THEREWITH FOR THE FOLLOWING DESCRIBED LAND OR WELL:

TO COVER ALL WELLS DRILLED ON LAND OWNED BY THE STATE OF UTAH.

B. THIS LETTER OF CREDIT IS SPECIFICALLY ISSUED AT THE REQUEST OF THE OPERATOR TO ASSURE THAT THIS FUND WILL BE AVAILABLE DURING THE TIME THAT THE WELLS REFERENCED ABOVE ARE ACTIVE. WE ARE NOT A PARTY TO, NOR BOUND BY, THE TERMS OF ANY AGREEMENT BETWEEN YOU AND THE OPERATOR OUT OF WHICH THIS LETTER OF CREDIT MAY ARISE.

C. DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST BE ACCOMPANIED BY AN AFFIDAVIT SIGNED BY THE DIRECTOR OF THE DIVISION OF STATE LANDS AND FORESTRY STATING THAT:

1. ANY WELL IS DEEMED NECESSARY FOR PLUGGING AND ABANDONMENT AND THE OPERATOR HAS NOT FULFILLED SUCH OBLIGATION UNDER THE OIL AND GAS CONSERVATION GENERAL RULES OF THE STATE OF UTAH.
2. THE DRAFT IS IN THE ESTIMATED COST OF PLUGGING EACH WELL UP TO THE AGGREGATE AMOUNT OF THE LETTER OF CREDIT.

WE WILL BE ENTITLED TO RELY UPON THE STATEMENTS CONTAINED IN THE AFFIDAVIT AND WILL HAVE NO OBLIGATION TO INDEPENDENTLY VERIFY ANY STATEMENTS CONTAINED THEREIN.

\*\*\*\*\*CONTINUED ON NEXT PAGE\*\*\*\*\*

BENEFICIARY:  
STATE OF UTAH, DIVISION OF STATE

PAGE 02  
DECEMBER 14, 1990

LETTER OF CREDIT NO S324606

EACH DRAFT HEREUNDER MUST BE LISTED AND ENDORSED ON THE REVERSE SIDE OF THIS LETTER OF CREDIT, AND THIS LETTER OF CREDIT MUST BE ATTACHED TO THE LAST DRAFT WHEN THE CREDIT HAS BEEN EXHAUSTED. DRAFTS MAY BE PRESENTED AT THE OFFICE OF THIS BANK NO LATER THAN 2:00 P.M. BIRMINGHAM ALABAMA TIME ON DECEMBER 13, 1991, AND BEAR THE CLAUSE "DRAWN UNDER THE AMSOUTH BANK N.A., BIRMINGHAM, ALABAMA, BANK LETTER OF CREDIT NO. S324606, DATED DECEMBER 14, 1990".

WE HEREBY ENGAGE WITH THE BONA FIDE HOLDERS OF THIS DRAFT AND/OR DOCUMENTS PRESENTED UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT THAT SUCH DRAFT AND/OR DOCUMENTS WILL BE DULY HONORED UPON PRESENTATION TO US. OUR OBLIGATIONS HEREUNDER SHALL NOT BE SUBJECT TO ANY CLAIM OR DEFENSE BY REASON OF THE INVALIDITY, ILLEGALITY, OR UNENFORCEABILITY OF ANY OF THE AGREEMENTS UPON WHICH THIS LETTER OF CREDIT IS BASED.

THIS LETTER OF CREDIT IS SUBJECT TO UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1983 REVISION) ICC PUBLICATION NO. 400.

*Shelby A. Brookfield*  
AUTHORIZED SIGNATURE

*James B. Weaver*  
AUTHORIZED SIGNATURE

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 05/03/93

OPERATOR: RIVER GAS OF UTAH INC  
WELL NAME: UTAH 24-3-16

OPERATOR ACCT NO: N- 11600

API NO. ASSIGNED: 43-007-30187

LEASE TYPE: STA LEASE NO: ML-38828  
LOCATION: NENW 24 - T14S - R09E CARBON COUNTY  
FIELD: WILDCAT FIELD CODE: 001

RECEIVED AND/OR REVIEWED:

Plat  
 Bond  
(Number stat)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number once with sample)  
 RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

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

COMMENTS: Is PDD needed at this time per memo BLM 5-11-93  
Perite 5-10-93 / Geology memo 5-10-93.  
ROCC no need for submittal per R/F

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 10-3-94

STIPULATIONS:

cc: State Lands - Carbon county assessor.

(1) ~~Reserve~~ Plat to be located on the East side of  
the location.

(2) Existing roads will be reclaimed <sup>in accordance</sup> ~~with~~  
with State Lands and Forestry requirements.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING INSPECTION FORM

COMPANY: RIVER GAS OF UTAH COMPANY REP: MICHAEL FARRENS

WELL NAME: UTAH 24-3-16 API NO: 43-007-30187

QTR/QTR: NE/NW SECTION: 24 TWP: 14S RANGE: 9E

CONTRACTOR: PENSE BROTHERS RIG NUMBER: 1

INSPECTOR: JLB TIME: 9:00 AM DATE: 5/26/93

OPERATIONS: PREPARING TO REAM CORE HOLE DEPTH: 1840'

SPUD DATE: DRY: \_\_\_\_\_ ROTARY: 5/21/93 PROJECTED T.D.: \_\_\_\_\_

=====

WELL SIGN: N SANITATION: Y BOPE: Y BLOOIE LINE: Y

H2S POTENTIAL: \_\_\_\_\_ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: \_\_\_\_\_ LINED: \_\_\_\_\_ PLASTIC: \_\_\_\_\_

RUBBER: \_\_\_\_\_ BENTONITE: \_\_\_\_\_ OTHER: CLAY MUD WEIGHT \_\_\_\_\_ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: \_\_\_\_\_

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: \_\_\_\_\_

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

FINISHED CORING WELL FROM-1702'-1840'.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: RIVER GAS WELL NAME: 24-3-16  
SECTION: 24 TWP: 14S RNG: 9E LOC: 1525 FWL 1310 FNL  
QTR/QTR NE SE COUNTY: CARBON FIELD: WILDCAT  
SURFACE OWNER: STATE OF UTAH  
SURFACE AGREEMENT: OK ~~BA~~  
SPACING: SEE AGREEMENT FOR THE DRUNKARDS WASH UNIT.  
GEOLOGIST: BRAD HILL DATE AND TIME: MAY 4, 1993

PARTICIPANTS: BRAD HILL DOGM, MIKE HEBERTSON DOGM, SCOTT RICHARDSON WILDLIFE, LARRY JENSEN NELCO, NEIL FRANSDEN NELCO.

REGIONAL SETTING/TOPOGRAPHY: MANCOS LOWLANDS BETWEEN THE BOOK CLIFFS AND THE WASATCH PLATEAU GENTLY SLOPES TO THE NORTH EAST AND THE PRICE RIVER. DRAINAGE TO THE WEST ABOUT 120' FROM THE CENTER STAKE AND SMALLER DRAINAGE TO THE EAST ABOUT 200' FROM THE CENTER STAKE

LAND USE:

CURRENT SURFACE USE: LIMITED LIVESTOCK GRAZING. MINOR WILDLIFE HABITAT.

PROPOSED SURFACE DISTURBANCE: LOCATION OF APPROXIMATELY 200 X 250', 2 MILES OF NEW ROAD 20 FEET WIDE WITH GRAVELED SURFACE.

AFFECTED FLOODPLAINS AND/OR WETLANDS: THIS AREA WOULD BE A FLOOD PLAIN AREA ONLY IN THE EVENT OF A FLASH FLOOD OR VERY HIGH MOISTURE YEAR.

FLORA/FAUNA: GREASE WOOD, INDIAN RICE GRASS AND OTHER GRASSES OF RELATED GENUS, SALT BRUSH, PRICKLY PEAR, FUNNEL LILY, SHAD SCALE, RABBIT, COYOTE, SMALL REPTILES, SMALL INDIGENOUS BIRDS, SOME RAPTORS.

ENVIRONMENTAL PARAMETERS:

SURFACE GEOLOGY:

SOIL TYPE AND CHARACTERISTICS: DECOMPOSED MANCOS SHALE AND CASTLE GATE SAND STONE, MOSTLY CLAY WEATHERED TO A LIGHT TAN CLAY VERY FINE GRAINED POWDER.

SURFACE FORMATION & CHARACTERISTICS: MANCOS SHALE, MEDIUM TO DARK GRAY, WEATHERS INTO BOOK LIKE SHEETS, CONTAINS FOSSILS IN SOME PLACES.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR

SEDIMENTATION, NO STABILITY PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

SUBSURFACE GEOLOGY:

OBJECTIVES/DEPTHS: THE OBJECTIVE FORMATION IS THE COAL SEAMS OF THE FERRON SANDSTONE AT ABOUT 1600-1700'.

ABNORMAL PRESSURES-HIGH AND LOW: NO ABNORMAL PRESSURES ARE EXPECTED.

CULTURAL RESOURCES/ARCHAEOLOGY: THERE IS NO CULTURAL RESOURCE INTEREST IN THIS AREA.

CONSTRUCTION MATERIALS: LOCATION WILL BE CONSTRUCTED WITH MATERIALS AT THE SITE USING CUT & FILL AS NECESSARY. IT IS PROPOSED THAT THE ROADWAY BE GRAVELED AT A LATER DATE AFTER DRILLING IS COMPLETED.

SITE RECLAMATION: AS REQUIRED BY STATE LANDS.

RESERVE PIT:

CHARACTERISTICS: 50 X 50' MADE OF THE MANCOS CLAYS AT THE SITE.

LINING: NO LINING WILL BE REQUIRED.

MUD PROGRAM: HOLE WILL BE DRILLED WITH AIR OR FRESH WATER GEL SWEEPS AS NECESSARY FROM SURFACE TO 300'. 300-2400' WELL WILL BE DRILLED WITH AIR.

DRILLING WATER SUPPLY: WATER IS BEING PURCHASED FROM THE PRICE RIVER WATER IMPROVEMENT DISTRICT.

OTHER OBSERVATIONS

THE DIVISION OF WILDLIFE IS REQUIRING A RAPTOR SURVEY TO PROTECT THE ACTIVE NESTING SITES IN THE NEARBY CLIFFS.

STIPULATIONS FOR APD APPROVAL

PIT WILL BE LOCATED ON THE EAST SIDE OF THE LOCATION.

ATTACHMENTS

Photographs will be placed on file.

ALSO STIPULATE THAT EXISTING ROADS  
BE RECLAIMED AS PER STATE LANDS.

BA



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)

May 11, 1993

River Gas of Utah, Inc.  
3600 Watermelon Road, Suite 204  
Northport, Alabama 35476

Gentlemen:

Re: Utah 24-3-16 Well, 1310 feet from the north line, 1525 feet from the west line, NE 1/4 NW 1/4, Section 24, Township 14 South, Range 9 East, Carbon County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Reserve pit to be located on the east side of the location.
2. Existing roads will be reclaimed in accordance with Division of State Lands and Forestry requirements.
3. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
4. Notification within 24 hours after drilling operations commence.
5. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
6. Submittal of the Report of Water Encountered During Drilling, Form 7.



Page 2  
River Gas of Utah, Inc.  
Utah 24-3-16 Well  
May 11, 1993

7. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.
8. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-007-30187.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
State Lands and Forestry  
Carbon County Assessor  
J.L. Thompson

WO11

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: RIVER GAS OF UTAH 43-007-30187

WELL NAME: UTAH 24-3-16

Section 24 Township 14S Range 9E County CARBON

Drilling Contractor PENSE BROTHERS

Rig # 1

SPUDDED: Date 5/21/93

Time 7:30 AM

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by MIKE FARRENS

Telephone # 1-650-1162

Date 5/21/93 SIGNED MKH

OPERATOR RIVER GAS OF UTAH  
 ADDRESS 3600 WATERMELON ROAD SUITE 204  
NORTHPORT, ALABAMA 35476

OPERATOR ACCT. NO. N 1600

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11256		43-007-30187	UTAH 24-3-16	NENW	24	14S	9E	CARBON	05/21/93	
WELL 1 COMMENTS: <i>Entity added 6-1-93. JEC</i> UNIT AGEEMENT: DW UTU 67921X (Drunkards Wash)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- 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.

**RECEIVED**

MAY 27 1993

DIVISION OF  
 OIL, GAS & MINING

*Michael J. Jarrons*  
 Signature  
 VP OF OPERATIONS  
 Title

*5/24/93*  
 Date

Phone No. (205) 759-3282

(May 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE (Other instructions on reverse side)

Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL [ ] GAS WELL [X] OTHER [ ]
2. NAME OF OPERATOR RIVER GAS OF UTAH, INC. (205) 759-3282
3. ADDRESS OF OPERATOR 3600 WATERMELON ROAD, SUITE 204, NORTHPORT, AL 35476
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1525, 'FWL & 1310' FNL, NE/4 OF NW/4
14. PERMIT NO. API NO. 43-007-30187
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5721' SURVEYED ELEVATIONS
5. LEASE DESIGNATION AND SERIAL NO. ML 38828
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A State
7. UNIT AGREEMENT NAME DRUNKARDS WASH UTU67921X
8. FARM OR LEASE NAME UTAH
9. WELL NO. 24-3-16
10. FIELD AND POOL, OR WILDCAT WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 24, T14S, R9E S.L.B. & M.
12. COUNTY OR PARISH CARBON
13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [ ] PULL OR ALTER CASING [ ] WATER SHUT-OFF [ ] REPAIRING WELL [ ]
FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] FRACTURE TREATMENT [ ] ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ] ABANDON\* [ ] SHOOTING OR ACIDIZING [ ] ABANDONMENT\* [ ]
REPAIR WELL [ ] CHANGE PLANS [ ] (Other) WEEKLY PROGRESS REPORT [X]
(Other) [ ]
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEE ATTACHED REPORT(S)

COPY

RECEIVED

MAY 27 1993

DIVISION OF OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Michael J. Jarrow TITLE VICE-PRES. OPERATIONS DATE 5/25/93
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*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.

RIVER GAS OF UTAH, INC.

Utah 24-3-16

1525' FWL & 1310' FNL

NE/4 of NW/4 Section 36, T14S, R9E

Proposed T.D.: 2100'

Surveyed Elevation: 5721'

Carbon County, Utah

API NO. 43-007-30187

Drilling Contractor: Pense Bros. Drlg Co.

Page Two

05/28/93

Total Depth 2030', made 118' in 24 hrs, Present Oper: Release Rig, Day 7, Drilling w/mud & water, pressure 200-300 psi, Bit No. 7, 7 7/8" Reed (not Hughes as indicated on yesterdays report), in @ 1702' out @ 2030', 12 hrs on bit. T.D @ 9:00 p.m. 5/27/93, plug down @ 8:00 a.m. 5/28/93. Ran 105 jts, 2132' of 5 1/2" 17#, N-80 LT&C production casing. Set @ 2028.8'. RU Halliburton and cement w/110 sxs HiFill and tail in w/70 sxs Class "G" w/2% CaCl and 4#/sxs Flo-ceal. Circ 10 bbls cmt to surface. Downhole equipment:

Guide Shoe	1.0'
5 1/2" 17# csg	<u>2027.8'</u>
	2028.8'

WAITING ON SERVICE UNIT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
RIVER GAS OF UTAH, INC. (205) 759-3282

3. ADDRESS OF OPERATOR  
3600 WATERMELON ROAD, SUITE 204, NORTHPORT, AL 35476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1525, 'FWL & 1310' FNL, NE/4 OF NW/4

5. LEASE DESIGNATION AND SERIAL NO.  
ML 38828

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
DRUNKARDS WASH UTU67921X

8. FARM OR LEASE NAME  
UTAH

9. WELL NO.  
24-3-16

10. FIELD AND POOL, OR WILDCAT  
WILDCAT

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
SEC. 24, T14S, R9E  
S, L. B. & M.

12. COUNTY OR PARISH  
CARBON

13. STATE  
UTAH

14. PERMIT NO.  
API NO. 43-007-30187

15. ELEVATIONS (Show whether DF, RT, GS, etc.)  
5721' SURVEYED ELEVATIONS

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

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

(Other) \_\_\_\_\_

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

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

SEE ATTACHED REPORT(S)

RECEIVED

JUN 07 1993

DIVISION OF  
OIL GAS & MINING

COPY

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

SIGNED Mike Jarrons TITLE VICE-PRES. OPERATIONS DATE 6/3/93

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

## DAILY WELL REPORTS

RIVER GAS OF UTAH, INC.

**Utah 24-3-16**

1525' FWL &amp; 1310' FNL

NE/4 of NW/4 Section 36, T14S, R9E

Proposed T.D.: 2100'

Surveyed Elevation: 5721'

Carbon County, Utah

API NO. 43-007-30187

Drilling Contractor: Pense Bros. Drlg Co.

Page One

- 05/22/93 Depth 295', made 295'/24 hrs., Present Oper: WOC, Day 1, drilling w/air, 250 psi, 1700 cfm, Bit No. 1, 14 3/4", Hughes, in @ 0', out @ 34', Bit No. 2, 11", Mission, in @ 34', out @ 295', Spud @ 7:30 a.m. 5/21/93. Ran 13 jts 8 5/8" 8rd surf casing, set @ 295'. RU Halliburton and cmt w/135 sxs Type V w/2% CaCl with 1/4# per sx Flo-seal, circ 5 bbls to surf. Plug down @ 7:00 p.m. 5/21/93.
- 05/23/93 Depth 1707', made 1412'/24 hrs., Present Oper: Running core rods in, Day 2, drlg w/air, 300 psi, 1700 cfm, Bit No. 3, 7 7/8", Mission, in @ 295', out @ 1707'.
- 05/24/93 Depth 1737', made 30'/24 hrs., Present Oper: TOOH, Day 3, drlg w/water, 300 psi, Bit No. 4, HQ, Longyear, in @ 1707', out @ 1733', 4 hrs on bit. Bit No 5, HQ, Longyear, in @ 1733', out @ 1737', 1 hr on bit. REMARKS: Corebit went bad @ 1733'. Tripped in hole w/bit, would not core. Tripping back in hole to check bit.
- 05/25/93 Depth 1800', made 63'/24 hrs, Present Oper: Coring, Day 4, Drlg w/water, 250 psi, Bit No. 6, HQ, Longyear, in @ 1737'. Remarks: New bit is coring very well.
- 05/26/93 Depth 1843', made 43'/24 hrs, Present Oper: Tripping in Hole, Day 5, drilling w/mud & wtr, pressure 250 psi, Bit No. 6, HQ, Longyear, in @ 1737', out @ 1843', 4 hrs on bit. Remarks: TIH w/7 7/8" Tri-Cone bit to ream and drill rat hole.
- 05/27/93 Depth 1912', made 69'/24 hrs, Present Oper: Fishing, Day 6, drilling w/mud & water, pressure 200 psi, Bit No. 7, 7 7/8" Hughes, in @ 1702', 10 hrs on bit. REMARKS: Fishing for parted drill pipe.

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

6. Lease Designation and Serial Number

**ML 38828**

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

**DRUNKARDS WASH UNIT  
UTU67921X**

9. Well Name and Number

**UTAH 24-3-16**

10. API Well Number

**43-007-20187**

11. Field and Pool, or Wildcat

**WILDCAT**

**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— for such proposals

1. Type of Well

Oil Well     Gas Well     Other (specify) **COALBED METHANE**

2. Name of Operator

**RIVER GAS OF UTAH, INC.**

3. Address of Operator

**3600 WATERMELON RD, STE 204, NORTHPORT, AL**

4. Telephone Number

**205-759-3282**

5. Location of Well

Footage : **1525' FWL & 1310' FNL**  
QQ, Sec, T., R., M. : **NE/4 OF NW/4 SEC. 24, T14S, R9E**

County : **CARBON**  
State : **UTAH**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
  - Casing Repair
  - Change of Plans
  - Conversion to Injection
  - Fracture Treat
  - Multiple Completion
  - Other see below
- New Construction
  - Pull or Alter Casing
  - Recompletion
  - Shoot or Acidize
  - Vent or Flare
  - Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
  - Casing Repair
  - Change of Plans
  - Conversion to Injection
  - Fracture Treat
  - Other \_\_\_\_\_
- New Construction
  - Pull or Alter Casing
  - Shoot or Acidize
  - Vent or Flare
  - Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. 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.)

RGU wants to put a small 10'x10'x4' pit on location. This pit will be constructed with native materials. The surface material is the Mancos Shale. This pit will be used to blow down the separator once or twice a month. Approximately 3 barrels of produced water will be put into the pit at one time. See Attachment 1 for site-specific scores.

**RECEIVED**

JUL 20 1993

DIVISION OF  
OIL, GAS & MINING

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

Name & Signature **MICHAEL J. FARRENS** *Michael J. Farrens*

Title **VICE PRESIDENT**

Date **7/14/93**

(State Use Only)

**Accepted by the State  
of Utah Division of  
Oil, Gas and Mining**

Date: **7-21-93**

By: *[Signature]*

Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking Score	Final Ranking Score
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	0
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15 20	10
Drill Cuttings Normal Rock Salt or detrimental	0 10	0

Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

Final Score	10
-------------	----

ENTITY ACTION FORM - FORM 6

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11256	11590	43-007-30182	UTAH 19-14-12	SESW	19	14S	10E	CARBON	7-24-93	7-24-93
WELL 1 COMMENTS: *NOT IN FERRON "A" P.A. OF THE DRUNKARDS WASH UNIT											
D	11256	11591	43-007-30187	<del>UTAH 24-01-30</del>	NENW	24	14S	9E	CARBON	5-21-93	5-21-93
WELL 2 COMMENTS:											
D	11256	11592	43-007-30191	<del>UTAH 24-01-30</del>	CNE	24	14S	9E	CARBON	8-5-93	8-5-93
WELL 3 COMMENTS:											
D	11256	11593	43-007-30192	UTAH 24-16-18	SESE	24	14S	9E	CARBON	9-3-93	9-3-93
WELL 4 COMMENTS:											
D	11256	11594	43-007-30193	UTAH 27-8-29	SENE	27	14S	9E	CARBON	9-18-93	9-18-93
WELL 5 COMMENTS:											

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)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

11-12-93

Title

Date

Phone No. ( )

API# - 43007-30187



## CORE LABORATORIES

---

5295 Hollister Road  
Houston, Texas  
77040-6295

(713) 460-9600

### CORE ANALYSIS FINAL REPORT

**RIVER GAS OF UTAH  
UTAH 24-3-16 WELL  
CARBON COUNTY, UTAH  
CL FILE NO. 57151-17633**

**CONFIDENTIAL**



## CORE LABORATORIES

RECEIVED

FEB 04 1994

DIVISION OF  
OIL, GAS & MINING

July 14, 1993

River Gas of Utah  
3600 Watermelon Road  
Northport, Alabama 35476  
Attn: Mr. Terry Burns

Core Analysis Report  
River Gas of Utah  
Utah 24-3-16 Well  
CL File No. 57151-17633

Dear Mr. Burns:

Conventional core was delivered to Core Laboratories' Houston, Hollister facility where plugging and analysis were performed.

The following documentation includes: procedures for sample preparation and petrophysical measurements; a list of Core Laboratories' personnel involved in this project; and the resultant data reported in tabular format. The type of equipment used in each procedure is also specified.

All core material has been delivered to your office.

Core Laboratories appreciates the opportunity to be of service to River Gas of Utah. Should you have any questions or if we can be of further assistance, please feel free to contact us.

Sincerely,

Douglas McElroy  
Laboratory Coordinator

## **TABLE OF CONTENTS**

**PROCEDURES DOCUMENTATION**

**SAMPLE PREPARATION  
PETROPHYSICAL MEASUREMENTS**

**REPORTS - TABULAR**

**CORE ANALYSIS RESULTS**

**APPENDICES**

**APPENDIX A: LIST OF PROJECT ANALYSTS AND PERSONNEL  
APPENDIX B: REPORT DISTRIBUTION LIST**

## **PROCEDURES DOCUMENTATION**

### **SAMPLING PROCEDURES**

1. **PLUG DRILLING:** The one plug sample requested was drilled with a thin wall diamond bit. The sample was trimmed and faced to provide a right circular cylinder. Tap water was used as the drilling and trimming lubricant. The plug was shorter than normal due to the limited amount of core material available.

### **LABORATORY PROCEDURES**

2. **PLUG DRYING:** The plug was dried in a convection oven at 240 degrees F. for 12 hours.

### **PETROPHYSICAL MEASUREMENTS**

3. **GRAIN VOLUME:** Direct grain volume measurements were made using an auto porosimeter. This instrument utilizes the principle of gas expansion as described by Boyle's law. Helium was used as the test gas. The instrument was calibrated daily and test standards were run.

4. **GRAIN DENSITY:** Calculated grain densities were obtained utilizing direct grain volume measurement and clean, dry sample weight. Grain densities were checked against lithology standards.

5. **PLUG DIMENSIONS:** Sample length and diameter were measured using metric calipers.

6. **POROSITY:** The bulk volume of each sample was calculated from the dimensions. Porosities were calculated using the calculated bulk volume and the grain volume from the auto porosimeter.

7. **PERMEABILITY:** A steady state permeameter was used to measure permeabilities on the samples. The samples were placed in a Hassler cell at 400 psig. The permeability was measured by flowing air through the sample and measuring the flow rate and pressure drop across the sample. The permeameter was checked for leaks and calibrated before tests were performed.

## CORE LABORATORIES

Company : RIVER GAS OF UTAH  
 Well : Utah 24-3-16 Well  
 Location :  
 Co,State : Carbon County, Utah

Field :  
 Formation :  
 Coring Fluid :  
 Elevation :

File No.: 57151-17633  
 Date : 11-Jun-1993  
 API No. :  
 Analysts: ML - MK

### CORE ANALYSIS RESULTS (HYDROSTATIC CONFINEMENT)

SAMPLE NUMBER	DEPTH ft	POROSITY (HELIUM) %	NET OVERBURDEN (800 psi)			GRAIN DENSITY gm/cc	DESCRIPTION
			K <sub>∞</sub> md	K <sub>air</sub> md	φ %		
1	1704.7	10.3				2.62	Sst gry vf f gr lam slily carb
2	1705.2		0.405	0.600	11.1	2.62	Sst gry vf f gr slily carb
3	1706.4	9.8				2.62	Sst lt gry vf f gr
4	1707.2		0.568	0.789	8.9	2.62	Sst lt gry vf f gr
5	1708.6	10.0				2.62	Sst lt gry vf f gr slily carb
6	1709.1	11.5				2.61	Sst gry vf f gr lam carb
7	1710.4	10.2				2.62	Sst gry vf f gr slily carb
8	1711.1	10.6				2.62	Sst lt gry vf gr slily carb
9	1712.4		0.248	0.367	8.5	2.63	Sst lt gry f gr
10	1713.2	8.1				2.63	Sst lt gry vf f gr
11	1722.8		0.051	0.086	8.2	2.62	Sst gry vf f gr carb
12	1723.4		0.040	0.068	8.2	2.62	Sst gry vf f gr carb
13	1837.7		0.046	0.082	9.4	2.63	Sst gry vf gr
14	1838.6	10.3				2.62	Sst gry vf gr
15	1840.5	10.6				2.63	Sst gry vf gr slily lam
16	1841.3		0.148	0.244	9.6	2.63	Sst gry vf gr
17	1842.5	10.4				2.62	Sst gry vf gr

## CORE LABORATORIES

Company : RIVER GAS OF UTAH  
 Well : Utah 24-3-16 Well  
 Location :  
 Co,State : Carbon County, Utah

Field :  
 Formation :  
 Coring Fluid :  
 Elevation :

File No.: 57151-17633  
 Date : 11-Jun-1993  
 API No. :  
 Analysts: ML - MK

### C M S - 3 0 0   T E S T   D A T A

SAMPLE NUMBER	DEPTH ft	NOB PRESSURE psi	PORE VOLUME cc	POROSITY %	K <sub>∞</sub> md	K <sub>air</sub> (est) md	b (He) psi	BETA ft(-1)	ALPHA microns
2	1705.2	800.0	2.40	11.1	0.405	0.600	31.93	3.6200E11	4.68469E2
4	1707.2	800.0	1.89	8.9	0.568	0.789	25.09	2.1493E11	3.91120E2
9	1712.4	800.0	1.88	8.5	0.248	0.367	32.70	9.4241E11	7.47687E2
11	1722.8	800.0	1.77	8.2	0.051	0.086	51.35	7.1891E13	1.17054E4
12	1723.4	800.0	1.76	8.2	0.040	0.068	55.56	1.3603E14	1.71396E4
13	1837.7	800.0	2.05	9.4	0.046	0.082	61.10	1.7212E14	2.48352E4
16	1841.3	800.0	2.11	9.6	0.148	0.244	45.53	7.9073E12	3.73444E3

## **APPENDIX A: LIST OF PROJECT ANALYSTS AND PERSONNEL**

GULF COAST REGION MANAGER  
LABORATORY COORDINATOR  
SENIOR PROJECT ANALYST  
TECHNICAL SALES REPRESENTATIVE  
TECHNICIAN  
SECRETARIAL

FEDERICA M. MANNI  
DOUG McELROY  
MICHAEL R. LONG  
DAVE MARSCHALL  
MICHAEL KOSTER  
JANET PUFFER

## APPENDIX B: REPORT DISTRIBUTION

RIVER GAS OF UTAH  
UTAH 24-3-16 WELL  
CARBON COUNTY, UTAH  
CL FILE NO. 57151-17633  
FINAL REPORT

3cc River Gas of Utah  
3600 Watermelon Road  
Northport, Alabama 35476  
Attn: Mr. Terry Burns

**CONFIDENTIAL**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

DEC 1 11 1993

DIVISION OF OIL, GAS & MINING

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NO.  
**ML 38828**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**DRUNKARDS WASH UTU 67921X**

8. FARM OR LEASE NAME  
**UTAH**

9. WELL NO.  
**24-3-16**

10. FIELD AND POOL, OR WILDCAT  
**WILDCAT**

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 24, T14S, R9E  
S. L. B. & M.**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other **COALBED METHANE**

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**RIVER GAS OF UTAH, INC.**

3. ADDRESS OF OPERATOR  
**3600 WATERMELON ROAD, SUITE 204, NORTHPORT, AL 35476**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **1525' FWL & 1310' FNL (NE/4 OF NW/4)**  
At top prod. interval reported below **SAME**  
At total depth **SAME**

14. API NO. **43-007-30187** DATE ISSUED **05/11/93** 12. COUNTY **CARBON** 13. STATE **UTAH**

15. DATE SPUDDED **05/21/93** 16. DATE T.D. REACHED **05/27/93** 17. DATE COMPL. (Ready to prod.) **11/03/93 (Plug & Abd.)** 18. ELEVATIONS (DF, RER, AT, CR, ETC.) **5721' GR SURVEYED** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TYD **2030'** 21. PLUG BACK T.D., MD & TYD \_\_\_\_\_ 22. IF MULTIPLE COMPL. HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **TO TD** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)  
**1692-1702, 1706-10, 1740-45, 1768-78, 1782-86, 1795-99, 1806-08, 1815-17, 1829-37 (FRSD)**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**HR DENSITY, GAMMA RAY, CAL., NEUTRON, COMP. DENSITY**

27. WAS WELL CORED YES  NO  (Submit analysis)  
DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4"		34'	14-3/4"	CONDUCTOR	
8-5/8"		295'	11"	135SX TYPE 5, 2% CACL. 1/4LB/SK FLOWSEAL	
5-1/2"	17#	2028.8'	7-7/8"	110 SX HIFILL	
				70 SX CLASS G, 2% CACL. 1/4 LB/SK FLOWSEAL	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	1672'	

31. PERFORATION RECORD (Interval, size and number)
- 1) 1692-1702, 1706-10, 1740-45
  - 2) 1768-78, 1782-86
  - 3) 1795-99, 1806-08, 1815-17, 1829-37

32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1) 15,000#, 20/40; 35,000#, 12/20; 33,325 GAL	
2) 15,000#, 20/40; 60,000#, 12/20; 49,737 GAL	
3) 15,000#, 20/40; 29,000#, 12/20; 39,230 GAL	

33. PRODUCTION

DATE FIRST PRODUCTION **11/03/93** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11/03/93	24	---	→	---	114	50	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
130	70	→	---	114	50	---	

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

35. LIST OF ATTACHMENTS  
**SOLD**

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

SIGNED **MIKE FARRENS** TITLE **VP, UTAH OPERATIONS** DATE **12/03/93**

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS		
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.		Description, contents, etc.	Name	Top
Formation	Top	Bottom	Meas. Depth	True Vert. Depth
FERRON COAL GROUP FERRON	1701 1692	1837 1701	SANDSTONE, SILTSTONE, COAL* SANDSTONE	1518 1605
CORED INTERVAL	1702	1843	* ONLY COAL BEDS ARE PERFORATED	

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ROBERT SINGLETON  
 RIVER GAS OF UTAH INC  
 511 ENERGY CENTER BLVD  
 NORTHPORT AL 35476

UTAH ACCOUNT NUMBER: N1600

REPORT PERIOD (MONTH/YEAR): 12 / 94

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
UTAH 26-16-8								
4300730181	11256	14S 09E 26	FRSD			mL40115		
UTAH 19-14-12								
4300730182	11256	14S 10E 19	FRSD			mL39038		
UTAH 31-12-10								
4300730183	11256	14S 10E 31	FRSD			mL40521		
UTAH 36-11-11								
4300730184	11256	14S 09E 36	FRSD			mL38831		
UTAH 30-13-14								
4300730185	11256	14S 10E 30	FRSD			mL39038		
UTAH 27-9-30								
4300730186	11256	14S 09E 27	FRSD			mL40115		
UTAH 24-3-16								
4300730187	11256	14S 09E 24	FRSD			mL38828		
UTAH 24-01-15								
4300730191	11256	14S 09E 24	FRSD			"		
UTAH 24-16-18								
4300730192	11256	14S 09E 24	FRSD			"		
UTAH 27-8-29								
4300730193	11256	14S 09E 27	FRSD			mL40115		
UTAH 23-4-20								
4300730194	11256	14S 09E 23	FRSD			mL39334		
UTAH 34-9-32								
4300730195	11256	14S 09E 34	FRSD			"		
UTAH 34-1-31								
4300730196	11256	14S 09E 34	FRSD			"		
<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: \_\_\_\_\_

LAW OFFICES

FRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

ROBERT G. PRUITT, JR.  
OLIVER W. GUSHEE, JR.  
THOMAS W. BACHTELL  
A. JOHN DAVIS, III  
JOHN W. ANDERSON  
FREDERICK M. MACDONALD  
ANGELA L. FRANKLIN

OF COUNSEL  
JOHN F. WALDO  
BRENT A. BOHMAN

February 17, 1995

Utah Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: Lisha Cordova

Re: *River Gas Corporation Merger*

Dear Ms. Cordova:

As you may recall, this office serves as Utah legal counsel for River Gas Corporation ("RGC"). Effective January 1, 1995, River Gas of Utah, Inc. ("RGU") merged into RGC as evidenced by the enclosed Certification of Articles of Merger issued by the Utah Department of Commerce. I have also enclosed a listing of all wells which, to the best of RGC's knowledge, RGU operated and an amendment to the Letter of Credit from RGU's surety recognizing the merger and confirming bond coverage for RGC.

Based on the enclosed documentation, please change your records to reflect that RGC is the current operator of all wells formerly operated by RGU. If a formal decision letter recognizing the merger is to be executed, please send the original to RGC at the following address:

River Gas Corporation  
Attention: Joseph L. Stephenson, Vice President-Land  
511 Energy Center Blvd.  
Northport, Alabama 35476,

with a copy to me at the letterhead address.

RECEIVED

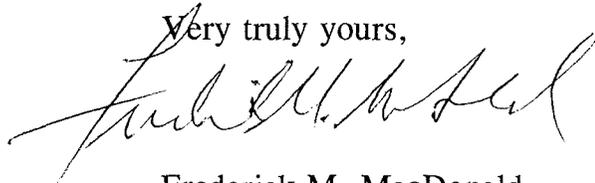
FEB 17 1995

DIVISION OF  
OIL, GAS & MINING

Utah Division of Oil, Gas and Mining  
February 17, 1995  
Page 2

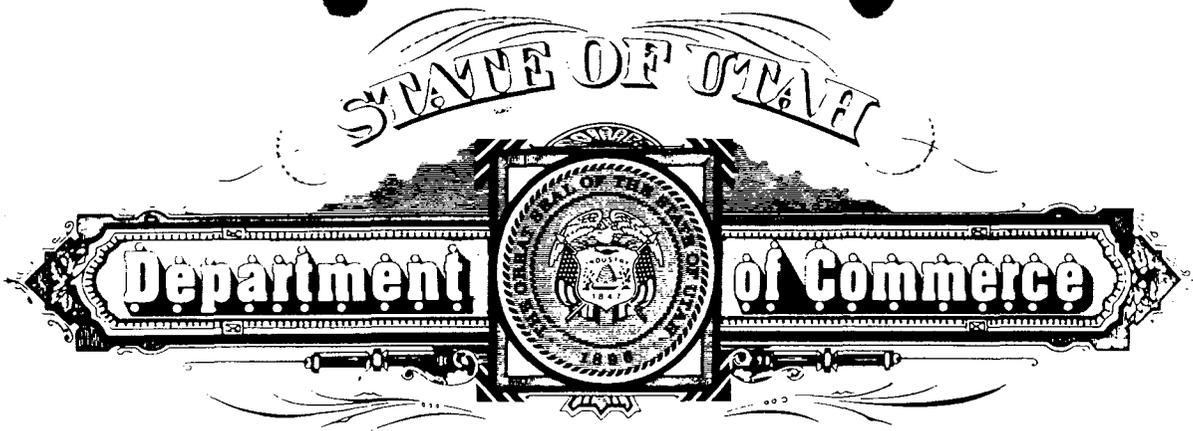
I thank you in advance for your time and cooperation and, should there be any questions or problems, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Frederick M. MacDonald".

Frederick M. MacDonald

FMM:sp  
1526.39  
Enclosures  
cc: Joseph L. Stephenson



**CERTIFICATION  
OF ARTICLES OF MERGER**

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE HEREBY CERTIFIES THAT Articles of Merger were filed with this office on January 1, 1995, merging RIVER GAS OF UTAH, INC., a corporation of the State of Utah, into RIVER GAS CORPORATION, the surviving corporation which is of the State of Alabama,

AS APPEARS OF RECORD IN THE OFFICES OF THE DIVISION.

File Number: *CO 171151*



Dated this 16th day  
of February, 19 95.

*Karla S. Woods*

Karla T. Woods  
Director, Division of  
Corporations and Commercial Code





**ENTITY REVIEW**

- JEC* 1. (Rule R615-8-7) 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. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)** *# Trust Lands / IDLOC # S 304606 / 80,000 "Nm Chg Order rec'd & Appr."*

- JEC* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *IDLOC # S308586 / 80,000 "Nm Chg Order rec'd 1-30-95"*
- \_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_. Today's date \_\_\_\_\_ 19\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTS* 2. Copies of documents have been sent to State Lands for changes involving State Leases. *3/10/95 to Ed Banner*

**FILMING**

1. All attachments to this form have been microfilmed. Date: March 27 1995.

**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 have been filed in the Operator Change file.

**COMMENTS**

*\* Bim/SF Appr. eff. 7-16-95.*

*950307 CH/WIC FS Not necessary 31-01-01/1110, Telenis #1/WDDW, Area #1/WDDW.*

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.

5. Lease Designation and Serial Number:  
ML38828

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
Utah 24-03-16

9. API Well Number:  
43-007-30187

10. Field or Pool, or Wildcat:  
WILDCAT

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
1305 South 100 East, Price, UT 84501 (801)637-8876

4. Location of Well  
Footages: 1525' FWL, 1310' FNL  
County: CARBON  
QQ, Sec., T., R., M.: NE/NW, SEC. 24, T14S, R09E, SLB&M  
State: UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

Abandon  
 Repair Casing  
 Change of Plans  
 Convert to Injection  
 Fracture Treat or Acidize  
 Multiple Completion  
 Other \_\_\_\_\_

New Construction  
 Pull or Alter Casing  
 Recomplete  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

Abandon \*  
 Repair Casing  
 Change of Plans  
 Convert to Injection  
 Fracture Treat or Acidize  
 Other Chemical Treatment

New Construction  
 Pull or Alter Casing  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low pH fluid on 03/17/97.

*[Faint handwritten notes and stamps, possibly including a date like 4/2/97]*

13. Name & Signature: Jerry H. Dietz  Title: Production Engineer Date: 4/2/97

(This space for state use only)

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.

5. Lease Designation and Serial Number:  
**ML38828**

6. If Indian, Allottee or Tribe Name:  
**N/A**

7. Unit Agreement Name:  
**UTU-67921X - Drunkards Wash**

8. Well Name and Number:  
**Utah 24-03-16**

9. API Well Number:  
**43-007-30187**

10. Field or Pool, or Wildcat:  
**Wildcat**

1. Type of Well: **OIL**  **GAS**  **OTHER:** \_\_\_\_\_

2. Name of Operator:  
**River Gas Corporation**

3. Address and Telephone Number:  
**1305 South 100 East, Price, UT 84501 (801)637-8876**

4. Location of Well  
Footages: **1525' FWL, 1310' FNL**

QQ, Sec., T., R., M.: **NE/NW SEC. 24, T14S, R09E, SLB & M**

County: **Carbon County**  
State: **Utah**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

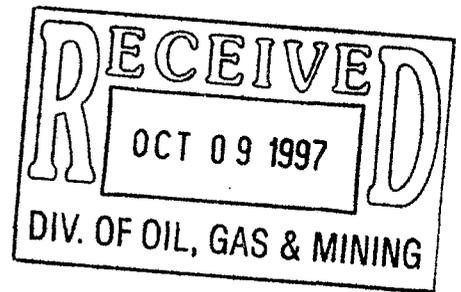
- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                 | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection            | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other <u>Chemical Treatment</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low pH fluid on 09/29/97.



13. Name & Signature: **Jerry H. Dietz**  Title: **Field Supervisor/Engineer** Date: **10/05/97**

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

**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  GAS  OTHER:

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
1305 South 100 East, Price, UT 84501 (801)637-8876

4. Location of Well  
Footages: 1525' FWL, 1310' FNL  
QQ, Sec., T., R., M.: NE/NW SEC. 24, T14S, R09E, SLB & M

5. Lease Designation and Serial Number:

ML38828

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

UTU-67921X - Drunkards Wash

8. Well Name and Number:

Utah 24-3-16

9. API Well Number:

43-007-30187

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

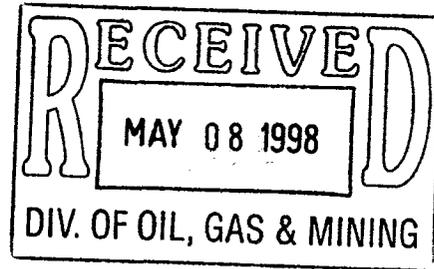
Date of work completion \_\_\_\_\_ Chemical Treatment

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* 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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7% HCL on 04/21/98.



13.

Name & Signature: Jerry H. Dietz

Title: Field Superintendent/Engineer

Date: 04/28/98

(This space for state use only)

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

WTC  
11-8-98  
RTH

# CO. 311AL

FORM 9

## 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  GAS  OTHER:

2. Name of Operator:  
**River Gas Corporation**

3. Address and Telephone Number:  
**1305 South 100 East, Price, UT 84501 (435) 637-8876**

4. Location of Well  
Footage: **1525' FWL, 1310' FNL**  
Q. Sec. T., R., M.: **NE/NW SEC. 24, T14S, R09E, SLB & M**

5. Lease Designation and Serial Number:

**ML - 38828**

6. If Indian Allottee or Tribe Name:

**N/A**

7. Unit Agreement Name:

**UTU67921X Drunkards Wash**

8. Well Name and Number:

**Utah 24-03-16**

9. API Well Number:

**43-007-30187**

10. Field or Pool, or Wildcat:

**Drunkards Wash**

County: **Carbon County**

State: **Utah**

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

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or After Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                    | <input type="checkbox"/> Pull or After Casing |
| <input type="checkbox"/> Change of Plans                                  | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Chemical/Flush Treatment</u> |   |

Date of work completion January 25, 1999

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* 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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 01/25/99.

*WTC  
3-30-99  
RJK*

13.

Name & Signature: **Jerry H. Dietz**

Title: **Field Superintendent/Engineer**

Date: **02/03/99**

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

**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.

5. Lease Designation and Serial Number:  
ML - 38828

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
Utah 24-03-16

9. API Well Number:  
43-007-30187

10. Field or Pool, or Wildcat:  
Drunkards Wash

1. Type of Well: **OIL**  **GAS**  **OTHER:** \_\_\_\_\_

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
1305 South 100 East, Price, UT 84501 (435) 637-8876

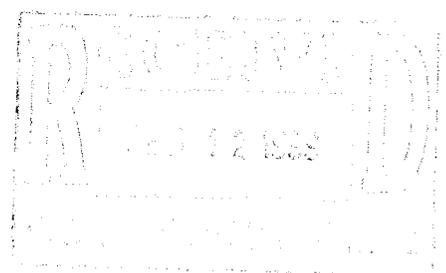
4. Location of Well  
Footages: 1525' FWL, 1310' FNL  
County: Carbon County  
QQ, Sec., T., R., M.: NE/NW SEC. 24, T14S, R09E, SLB & M  
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Chemical/Flush Treatment</u>	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion <u>January 25, 1999</u>	
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.			
* 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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 01/25/99.



13. Name & Signature: Jerry H. Dietz  Title: Field Superintendent/Engineer Date: 02/03/99

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number: <u>ML - 38828</u>
		6. If Indian, Allottee or Tribe Name: <u>N/A</u>
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.		7. Unit Agreement Name: <u>UTU67921X Drunkards Wash</u>
		8. Well Name and Number: <u>Utah 24-03-16</u>
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/>	2. Name of Operator: <u>River Gas Corporation</u>	9. API Well Number: <u>43-007-30187</u>
3. Address and Telephone Number: <u>6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777</u>	4. Location of Well Footages: County: <u>1525' FWL, 1310' FNL</u> Carbon County QQ, Sec., T., R., M.: State: <u>NE/NW SEC. 24, T14S, R09E, SLB &amp; M</u> Utah	10. Field or Pool, or Wildcat: <u>Drunkards Wash</u>

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Chemical/Flush Treatment</u> Date of work completion <u>07/05/2000</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Csg <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Csg <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* 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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid & 250 gallons of 7 1/2% HCL on 07/05/00.

RECEIVED

JUL 19 2000

DIVISION OF  
OIL GAS AND MINING

13.

Name & Signature: Rochelle Crabtree *Rochelle Crabtree* Title: Administrative Assistant Date: 07/19/2000

(This space for state use only)

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.

5. Lease Designation and Serial Number:  
ML - 38828

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
Utah 24-03-16

9. API Well Number:  
43-007-30187

10. Field or Pool, or Wildcat:  
Drunkards Wash

1. Type of Well: OIL  GAS  OTHER

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777

4. Location of Well  
Footages: County: 1525' FWL, 1310' FNL Carbon County  
QQ, Sec., T., R., M.: State: NE/NW SEC. 24, T14S, R09E, SLB & M Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandon
  - Repair Casing
  - Change of Plans
  - Convert to Injection
  - Fracture Treat or Acidize
  - Multiple Completion
  - Other \_\_\_\_\_
- Approximate date work will start \_\_\_\_\_
- New Construction
  - Pull or Alter Csg
  - Recomplete
  - Reperforate
  - Vent or Flare
  - Water Shut-Off

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandon \*
  - Repair Casing
  - Change of Plans
  - Convert to Injection
  - Fracture Treat or Acidize
  - Other Chemical/Flush Treatment
- Date of work completion 07/05/2000
- New Construction
  - Pull or Alter Csg
  - Reperforate
  - Vent or Flare
  - Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* 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.)

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid & 250 gallons of 7 1/2% HCL on 07/05/00.

13.

Name & Signature: Rochelle Crabtree *Rochelle Crabtree* Title: Administrative Assistant Date: 07/19/2000

(This space for state use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

WTC

FOR RECORD ONLY

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

5 Lease Designation and Serial Number: \_\_\_\_\_  
6 If Indian, Allottee or Tribe Name: \_\_\_\_\_  
7 Unit Agreement Name: \_\_\_\_\_  
8 Well Name and Number: \_\_\_\_\_  
9 API Well Number: \_\_\_\_\_  
10 Field or Pool, or Wildcat: \_\_\_\_\_

1 Type of Well: OIL  GAS  OTHER: \_\_\_\_\_  
2 Name of Operator: River Gas Corporation  
3 Address and Telephone Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4 Location of Well Footages: \_\_\_\_\_  
County: Carbon County  
State: Utah  
QQ, Sec., T., R., M.: SLB & M

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

Abandon  
 Repair Casing  
 Change of Plans  
 Convert to Injection  
 Fracture Treat or Acidize  
 Multiple Completion  
 Other Change of Operator  
Approximate date work will start \_\_\_\_\_

New Construction  
 Pull or Alter Casing  
 Recomplete  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

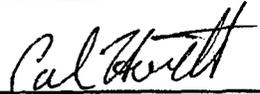
Abandon \*  
 Repair Casing  
 Change of Plans  
 Convert to Injection  
 Fracture Treat or Acidize  
 Other \_\_\_\_\_  
Date of work completion \_\_\_\_\_

New Construction  
 Pull or Alter Casing  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form  
\* 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.)

Please be advised that River Gas Corporation is transferring ownership of the attached list of wells to Phillips Petroleum Company 9780 Mt. Pyramid Court, Englewood, CO 80112.  
Please direct all correspondence and reports to: Phillips Petroleum Company P.O. Box 3368, Englewood, CO 80155-3368.  
Effective 1/1/01

13  
Name & Signature: Cal Hurtt  Title: Development Manager Date: 12/19/00

(This space for state use only)

# Drunkards Wash Total Well Count

(Through 2000 Drilling Season)

Well #	API #	Location	Section	Tship	Range
Utah 25-09-01	4300730130	1683 FSL, 877 FEL	25	14S	09E
Utah 36-01-02	4300730178	600 FNL, 620 FEL	36	14S	09E
Utah 31-03-03	4300730143	740 FNL, 1780 FWL	31	14S	10E
Utah 36-03-04	4300730142	822 FNL, 2176 FWL	36	14S	09E
Utah 36-09-05	4300730144	2050 FSL, 700 FEL	36	14S	09E
Utah 25-07-06	4300730156	2599 FNL, 1902 FEL	25	14S	09E
Utah 25-11-07	4300730157	1718 FSL, 2210 FWL	25	14S	09E
Utah 26-16-08	4300730181	800 FSL, 750 FEL	26	14S	09E
Utah 35-01-09	4300730180	650 FNL, 850 FEL	35	14S	09E
Utah 31-12-10	4300730183	1995 FSL, 745 FWL	31	14S	10E
Utah 36-11-11	4300730184	1837 FSL, 1903 FWL	36	14S	09E
Utah 19-14-12	4300730182	860 FSL, 1780 FWL	19	14S	10E
Utah 30-05-13	4300730179	1493 FNL, 728 FWL	30	14S	10E
Utah 30-13-14	4300730185	612 FSL, 670 FWL	30	14S	10E
Utah 24-01-15	4300730191	1320 FNL, 1320 FEL	24	14S	09E
Utah 24-03-16	4300730187	1310 FNL, 1525 FWL	24	14S	09E
Utah 24-12-17	4300730208	1320 FSL, 1320 FWL	24	14S	09E
Utah 24-16-18	4300730192	482 FSL, 940 FEL	24	14S	09E
Utah 23-02-19	4300730207	963 FNL, 1470 FEL	23	14S	09E
Utah 23-04-20	4300730194	1291 FNL, 1257 FWL	23	14S	09E
Utah 23-14-21	4300730200	739 FSL, 1716 FWL	23	14S	09E
Utah 23-09-22	4300730201	1320 FSL, 1320 FEL	23	14S	09E
Utah 26-01-23	4300730205	1320 FNL, 1320 FEL	26	14S	09E
Utah 26-06-24	4300730202	1480 FNL, 2000 FWL	26	14S	09E
Utah 26-11-25	4300730204	1500 FSL, 1500 FWL	26	14S	09E
Utah 35-03-26	4300730203	1085 FNL, 1805 FWL	35	14S	09E
Utah 35-10-27	4300730197	2567 FSL, 2151 FEL	35	14S	09E
Utah 35-13-28	4300730198	1236 FSL, 1152 FWL	35	14S	09E
Utah 27-08-29	4300730193	2134 FNL, 753 FEL	27	14S	09E
Utah 27-09-30	4300730186	1359 FSL, 707 FEL	27	14S	09E
Utah 34-01-31	4300730196	464 FNL, 540 FEL	34	14S	09E
Utah 34-09-32	4300730195	1938 FSL, 435 FEL	34	14S	09E
Utah 25-04-33	4300730206	920 FNL, 780 FWL	25	14S	09E
Prettyman 10-15-34	4300730211	842 FSL, 1419 FEL	10	14S	09E
Utah 10-36	4300730302	1213 FNL, 469 FEL	10	15S	09E
Utah 12-15-37	4300730210	1158 FSL, 1494 FEL	12	15S	09E
Utah 06-38	4300730217	899 FNL, 1730 FEL	6	15S	10E
Utah 06-39	4300730218	934 FNL, 819 FWL	6	15S	10E
Utah 06-40	4300730219	2180 FSL, 1780 FEL	6	15S	10E
Utah 06-41	4300730254	2124 FSL, 1054 FWL	6	15S	10E
Utah 01-42	4300730220	860 FNL, 1780 FEL	1	15S	09E
Utah 01-43	4300730221	808 FNL, 1451 FWL	1	15S	09E
Utah 01-44	4300730222	860 FSL, 1320 FWL	1	15S	09E
Utah 01-45	4300730223	1219 FSL, 1318 FEL	1	15S	09E
Utah 02-46	4300730224	860 FNL, 860 FEL	2	15S	09E

Utah 02-47	4300730225	1318 FNL, 1791 FWL	2	15S	09E
Utah 02-48	4300730226	1780 FSL, 860 FEL	2	15S	09E
Utah 02-49	4300730227	1320 FSL, 2080 FWL	2	15S	09E
Utah 11-50	4300730228	860 FNL, 860 FEL	11	15S	09E
Utah 11-51	4300730229	1000 FNL, 1900 FWL	11	15S	09E
Utah 11-52	4300730230	1400 FSL, 1100 FEL	11	15S	09E
Utah 11-53	4300730231	1780 FSL, 1800 FWL	11	15S	09E
Utah 12-54	4300730232	875 FNL, 1015 FWL	12	15S	09E
Utah 12-55	4300730233	1500 FNL, 1320 FEL	12	15S	09E
Utah 12-56	4300730234	1500 FSL, 1320 FWL	12	15S	09E
Utah 07-57	4300730235	1421 FNL, 1003 FWL	7	15S	10E
Utah 07-58	4300730236	1495 FNL, 2006 FEL	7	15S	10E
Utah 07-59	4300730237	1400 FSL, 2100 FEL	7	15S	10E
Utah 07-60	4300730238	954 FSL, 1256 FWL	7	15S	10E
Utah 14-61	4300730239	1386 FNL, 931 FEL	14	15S	09E
Utah 14-62	4300730240	980 FNL, 1385 FWL	14	15S	09E
Utah 14-63	4300730241	1780 FSL, 1320 FEL	14	15S	09E
Utah 14-64	4300730242	907 FSL, 1392 FWL	14	15S	09E
Utah 13-65	4300730243	1320 FNL, 1200 FEL	13	15S	09E
Utah 13-66	4300730244	1276 FNL, 1301 FWL	13	15S	09E
Utah 13-67	4300730245	1800 FSL, 1500 FEL	13	15S	09E
Utah 13-68	4300730246	1320 FSL, 1320 FWL	13	15S	09E
Utah 18-69	4300730427	1320 FNL, 1320 FWL	18	15S	10E
Utah 18-70	4300730248	1110 FNL, 2127 FEL	18	15S	10E
Utah 18-71	4300730249	1764 FSL, 1767 FEL	18	15S	10E
Utah 18-72	4300730250	2100 FSL, 1100 FWL	18	15S	10E
USA 19-73	4300730392	1664 FNL, 1412 FEL	19	15S	10E
Utah 14-74	4300730529	1365 FSL, 1988 FEL	14	14S	09E
Utah 14-75	4300730263	1036 FSL, 1622 FWL	14	14S	09E
Utah 22-76	4300730251	1320 FNL, 660 FEL	22	14S	09E
Utah 19-77	4300730252	1780 FSL, 660 FWL	19	14S	10E
Williams 30-78	4300730279	460 FNL, 660 FEL	30	14S	10E
Utah 31-79	4300730253	1780 FSL, 1780 FEL	31	14S	10E
Utah 24-80	4300730255	590 FNL, 1612 FWL	24	15S	09E
Utah 24-81	4300730256	1067 FNL, 1361 FEL	24	15S	09E
Utah 32-82	4300730257	600 FNL, 2028 FEL	32	15S	09E
Utah 21-83	4300730259	1780 FNL, 460 FWL	21	15S	10E
H&A 07-84	4300730258	1780 FSL, 1780 FWL	7	15S	09E
Utah 27-85	4300730261	2173 FNL, 676 FWL	27	14S	08E
Utah 24-86	4300730267	1788 FSL, 1677 FEL	24	15S	09E
Utah 24-87	4300730375	1780 FSL, 1333 FWL	24	15S	09E
USA 15-88	4300730264	872 FSL, 875 FEL	15	14S	09E
Telonis 22-89	4300730266	836 FNL, 1766 FWL	22	14S	09E
Telonis 21-90	4300730328	1272 FNL, 1188 FEL	21	14S	09E
USA 13-91	4300730568	1443 FSL, 1017 FWL	13	14S	09E
Utah 13-92	4300730439	624 FSL, 899 FEL	13	14S	09E
Utah 18-93	4300730587	556 FSL, 673 FWL	18	14S	10E
Utah 05-95	4300730269	640 FNL, 580 FWL	5	15S	10E
Utah 05-94	4300730270	1520 FSL, 1320 FWL	5	15S	10E

Utah 05-96	4300730271	1780 FSL, 2180 FEL	5	15S	10E
Utah 08-97	4300730272	1495 FNL, 1273 FEL	8	15S	10E
Utah 08-98X	4300730285	1341 FNL, 1319 FWL	8	15S	10E
Utah 08-99	4300730274	1500 FSL, 1120 FWL	8	15S	10E
Utah 08-100	4300730275	1500 FSL, 1400 FEL	8	15S	10E
Utah 17-101	4300730416	460 FNL, 2180 FEL	17	15S	10E
Utah 17-102	4300730277	810 FNL, 910 FWL	17	15S	10E
Utah 17-103	4300730278	1520 FSL, 1120 FWL	17	15S	10E
Powell 19-104	4300730282	1327 FNL, 1458 FWL	19	15S	10E
Powell 19-105	4300730283	1239 FSL, 1325 FWL	19	15S	10E
Utah 23-106	4300730280	150 FNL, 1400 FEL	23	15S	09E
Utah 23-107	4300730281	1252 FNL, 1255 FWL	23	15S	09E
Birkinshaw 19-108	4300730284	1305 FNL, 1192 FEL	19	15S	09E
Utah 36-109	4300730268	1800 FNL, 1800 FWL	36	15S	09E
Utah 16-110	4301530250	860 FSL, 2000 FWL	16	16S	09E
Fausett 09-111	4300730428	2215 FSL, 354 FEL	9	14S	09E
Fausett 10-112	4300730415	1590 FSL, 1342 FWL	10	14S	09E
Giacoletto 11-113	4300730335	500 FSL, 2070 FWL	11	14S	09E
Prettyman 11-114	4300730340	471 FSL, 1828 FEL	11	14S	09E
Giacoletto 13-120	4300730407	1200 FNL, 1219 FWL	13	14S	09E
Giacoletto 14-121	4300730345	1200 FNL, 1060 FEL	14	14S	09E
USA 14-122	4300730404	1500 FNL, 1039 FWL	14	14S	09E
Utah 30-125	4300730262	630 FSL, 1627 FEL	30	14S	10E
Utah 31-126	4300730305	1954 FNL, 1291 FEL	31	14S	10E
Robertson 32-127	4300730374	646 FNL, 349 FWL	32	14S	10E
Utah 04-129	4300730309	700 FWL, 1850 FSL	4	15S	10E
Utah 04-130	4300730519	860 FSL, 2150 FEL	4	15S	10E
Sampinos 16-131	4300730610	1201 FNL, 1016 FWL	16	15S	10E
Jensen 16-132	4300730588	1206 FSL, 1240 FWL	16	15S	10E
LDS 17-133	4300730296	1500 FSL, 1700 FEL	17	15S	10E
Utah 25-134	4300730399	745 FNL, 1482 FWL	25	15S	09E
Utah 36-135	4300730341	850 FNL, 850 FEL	36	15S	09E
Utah 36-136	4300730343	465 FSL, 660 FWL	36	15S	09E
Utah 36-137	4300730342	2180 FSL, 1800 FEL	36	15S	09E
Utah 02-138	4301530288	638 FNL, 1865 FEL	2	16S	09E
Utah 02-139	4301530289	1890 FNL, 850 FWL	2	16S	09E
Utah 02-140	4301530290	850 FSL, 1800 FWL	2	16S	09E
Utah 02-141	4301530291	1800 FSL, 1950 FEL	2	16S	09E
Telonis 15-142	4300730319	1320 FSL, 860 FWL	15	14S	09E
Fausett 16-143	4300730320	1320 FNL, 1320 FEL	16	14S	09E
Fausett 16-144	4300730321	1800 FNL, 860 FWL	16	14S	09E
Telonis 16-145	4300730322	1320 FSL, 1320 FWL	16	14S	09E
Paar 16-146	4300730323	843 FSL, 2157 FEL	16	14S	09E
Christiansen 17-147	4300730324	860 FSL, 1800 FWL	17	14S	09E
Christiansen 17-148	4300730325	1250 FSL, 1100 FEL	17	14S	09E
Birkinshaw 18-149	4300730326	500 FSL, 500 FEL	18	14S	09E
Telonis 19-150	4300730300	751 FNL, 1840 FWL	19	14S	09E
Telonis 19-151	4300730299	860 FSL, 2000 FWL	19	14S	09E
Telonis 20-152	4300730327	1320 FNL, 1900 FEL	20	14S	09E

Telonis 21-153	4300730329	860 FNL, 1800 FWL	21	14S	09E
Telonis 29-154	4300730330	800 FNL, 1500 FWL	29	14S	09E
Telonis 29-155	4300730331	1800 FSL, 1250 FWL	29	14S	09E
Telonis 30-156	4300730301	910 FNL, 868 FEL	30	14S	09E
Telonis 30-157	4300730332	1800 FSL, 580 FEL	30	14S	09E
Utah 32-158	4300730333	1038 FNL, 1768 FEL	32	14S	09E
Utah 32-159	4300730334	2011 FNL, 1426 FWL	32	14S	09E
Utah 32-160	4300730398	1500 FSL, 1780 FWL	32	14S	09E
Utah 32-161	4300730336	415 FSL, 1408 FEL	32	14S	09E
Utah 36-162	4300730315	2053 FNL, 685 FEL	36	14S	08E
Utah 36-163	4300730316	860 FNL, 2100 FWL	36	14S	08E
Utah 36-164	4300730317	1070 FSL, 2000 FWL	36	14S	08E
Utah 36-165	4300730318	1100 FSL, 1500 FEL	36	14S	08E
Utah 02-166	4300730337	1219 FNL, 1738 FEL	2	15S	08E
Utah 02-167	4300730338	660 FNL, 2075 FWL	2	15S	08E
Utah 02-168	4300730339	1800 FSL, 2100 FWL	2	15S	08E
Utah 02-169	4300730308	754 FSL, 1000 FEL	2	15S	08E
Seamons 32-170	4300730291	700 FNL, 500 FWL	32	13S	09E
Pinnacle Peak 19-171	4300730117	1320 FSL, 1320 FEL	19	14S	09E
Telonis 20-172	4300730107	1980 FSL, 660 FEL	20	14S	09E
Powell 30-173	4300730346	1200 FNL, 1200 FWL	30	15S	10E
Stella-Hamaker 10-174	4300730116	852 FNL, 1971 FWL	10	15S	08E
Utah 31-175	4301530317	897 FNL, 1731 FWL	31	16S	09E
USA 15-176	4300730450	2588 FNL, 1155 FEL	15	14S	09E
USA 09-178	4300730419	428 FSL, 2527 FWL	9	14S	09E
USA 17-180A	4300730622	2563 FNL, 1383 FWL	17	14S	09E
USA 18-182	4300730417	1068 FSL, 1972 FWL	18	14S	09E
USA 24-183	4300730469	828 FNL, 624 FEL	24	14S	08E
Utah 27-187	4300730395	1400 FNL, 1400 FWL	27	14S	09E
Utah 27-188	4300730292	477 FSL, 518 FWL	27	14S	09E
Utah 28-189	4300730396	1707 FNL, 868 FEL	28	14S	09E
Utah 28-190	4300730397	1969 FNL, 1324 FWL	28	14S	09E
Utah 28-191	4300730293	693 FSL, 1623 FWL	28	14S	09E
Utah 28-192	4300730294	1407 FNL, 1940 FWL	28	14S	09E
Utah 29-193	4300730405	693 FNL, 1029 FEL	29	14S	09E
Utah 29-194	4300730427	951 FSL, 370 FEL	29	14S	09E
Utah 30-195	4300730265	1407 FNL, 1940 FWL	30	14S	09E
Utah 30-196	4300730344	1056 FSL, 1984 FWL	30	14S	09E
Kakatsidas 31-197	4300730420	619 FNL, 1361 FEL	31	14S	09E
Utah 31-198	4300730406	1403 FNL, 1540 FWL	31	14S	09E
Utah 31-199	4300730480	1125 FSL, 928 FWL	31	14S	09E
Utah 31-200	4300730385	2118 FSL, 549 FEL	31	14S	09E
Utah 33-201	4300730386	317 FNL, 1815 FEL	33	14S	09E
Utah 33-202	4300730387	1939 FNL, 1593 FWL	33	14S	09E
Utah 33-203	4300730388	1373 FSL, 1140 FWL	33	14S	09E
Utah 33-204	4300730389	2024 FSL, 1525 FEL	33	14S	09E
Utah 05-205	4300730384	1485 FNL, 760 FEL	5	15S	09E
Utah 05-206	4300730390	1300 FNL, 1352 FWL	5	15S	09E
Utah 06-207	4300730391	825 FNL, 928 FEL	6	15S	08E

Utah 01-208	4300730464	1246 FNL, 1831 FEL	1	15S	09E
Utah 01-209	4300730467	2271 FSL, 1251 FEL	1	15S	09E
Utah 34-211	4300730114	1181 FSL, 1005 FWL	34	14S	09E
Utah 03-212	4300730468	1187 FNL, 1761 FEL	3	15S	09E
Utah 03-213	4300730381	1466 FNL, 2041 FWL	3	15S	09E
Utah 03-214	4300730295	813 FSL, 966 FWL	3	15S	09E
Utah 03-215	4300730297	988 FSL, 604 FEL	3	15S	09E
Utah 04-216	4300730382	1610 FNL, 810 FEL	4	15S	09E
Utah 04-217	4300730383	1343 FNL, 1119 FWL	4	15S	09E
Utah 04-218	4300730418	1084 FSL, 509 FEL	4	15S	09E
Utah 10-219	4300730298	805 FNL, 756 FWL	10	15S	09E
Utah 10-220	4300730432	474 FSL, 372 FWL	10	15S	09E
Utah 10-221	4300730303	1602 FSL, 2032 FEL	10	15S	09E
USA 19-222	4300730393	1574 FSL, 1647 FEL	19	15S	10E
Utah 06-223	4300730430	1636 FSL, 1085 FEL	6	15S	09E
Utah 05-225	4300730440	421 FSL, 498 FEL	5	15S	09E
Utah 04-226	4300730408	571 FSL, 2331 FWL	4	15S	09E
Utah 09-227	4300730449	652 FNL, 1331 FEL	9	15S	09E
Utah 09-228	4300730413	1444 FNL, 1520 FWL	9	15S	09E
Utah 09-229	4300730414	1595 FSL, 2051 FWL	9	15S	09E
Utah 08-230	4300730410	2003 FNL, 960 FEL	8	15S	09E
Utah 08-231	4300730411	1321 FNL, 1738 FWL	8	15S	09E
H&A 08-232	4300730412	1135 FSL, 1497 FWL	8	15S	09E
Utah 08-233	4300730488	468 FSL, 2030 FEL	8	15S	09E
Utah 07-234	4300730409	1876 FNL, 875 FEL	7	15S	09E
Utah 07-235	4300730421	2098 FSL, 510 FEL	7	15S	09E
H&A 18-236	4300730459	896 FNL, 1511 FEL	18	15S	09E
Utah 18-237	4300730485	1867 FSL, 1920 FEL	18	15S	09E
Utah 17-238	4300730510	677 FNL, 1321 FEL	17	15S	09E
Utah 17-239	4300730511	1383 FNL, 1576 FWL	17	15S	09E
Utah 17-240	4300730512	1977 FSL, 1394 FWL	17	15S	09E
Utah 17-241	4300730513	1668 FSL, 2222 FEL	17	15S	08E
USA 12-242	4300730482	1738 FNL, 1505 FEL	12	15S	08E
USA 12-243	4300730486	950 FNL, 232 FWL	12	15S	08E
USA 11-244	4300730463	1151 FNL, 1690 FEL	11	15S	08E
USA 11-245	4300730462	1234 FNL, 1743 FWL	11	15S	08E
Utah 01-246	4300730566	1619 FNL, 170 FWL	1	15S	09E
Utah 01-247	4300730465	594 FSL, 266 FWL	1	15S	08E
USA 35-248	4300730582	828 FSL, 1245 FEL	35	15S	09E
USA 30-251	4300730403	1169 FSL, 913 FWL	30	15S	10E
Utah 25-252	4300730400	1937 FNL, 1416 FEL	25	15S	09E
Utah 25-253	4300730401	809 FSL, 899 FWL	25	15S	09E
Utah 25-254	4300730402	1787 FSL, 1954 FEL	25	15S	09E
Utah 26-255	4300730446	1209 FNL, 755 FEL	26	15S	09E
Utah 26-256	4300730445	1274 FSL, 1351 FWL	26	15S	09E
Utah 26-257	4300730444	1263 FSL, 1368 FEL	26	15S	09E
Utah 34-258	4300730552	1198 FNL, 1880 FEL	34	15S	09E
Utah 34-259	4300730456	1662 FSL, 2046 FEL	34	15S	09E
Utah 35-260	4300730447	814 FNL, 1900 FEL	35	15S	09E

Utah 35-261	4300730442	615 FNL, 818 FWL	35	15S	09E
Utah 35-262	4300730443	1657 FSL, 1850 FWL	35	15S	09E
Utah 35-263	4300730441	1785 FSL, 946 FEL	35	15S	09E
USA 01-264	4301530336	1055 FNL, 441 FWL	1	16S	09E
USA 01-265	4301530337	1739 FSL, 636 FWL	1	16S	09E
Woolstenhulme 05-266	4300730481	1389 FNL, 2179 FEL	5	15S	10E
Utah 26-267	4300730514	1836 FNL, 2130 FWL	26	15S	09E
Utah 27-268	4300730457	1125 FSL, 1682 FWL	26	15S	09E
Utah 27-269	4300730458	1661 FSL, 795 FEL	27	15S	09E
Utah 34-270	4300730347	774 FNL, 756 FWL	34	15S	09E
Utah 34-271	4300730496	1693 FSL, 965 FWL	34	15S	09E
Utah 33-272	4300730502	694 FNL, 2034 FEL	33	15S	09E
Utah 33-273	4300730493	1922 FNL, 328 FWL	33	15S	09E
Utah 33-274	4300730494	1098 FSL, 1673 FWL	33	15S	09E
Utah 33-275	4300730495	1401 FSL, 1029 FEL	33	15S	09E
Utah 32-276	4300730483	738 FL, 1318 FWL	32	15S	09E
Utah 32-277	4300730484	1613 FSL, 1931 FEL	32	15S	09E
Utah 05-278	4301530278	1665 FNL, 1923 FEL	5	15S	09E
Utah 04-279	4301530340	1020 FNL, 1757 FEL	4	16S	09E
Utah 04-280	4301530341	2087 FNL, 1627 FWL	4	16S	09E
Utah 04-281	4301530399	999 FSL, 896 FWL	4	16S	09E
Utah 04-282	4301530342	2188 FSL, 911 FEL	4	16S	09E
Utah 03-283	4301530349	461 FNL, 1772 FEL	3	16S	09E
Utah 03-284	4301530346	1218 FNL, 753 FWL	3	16S	09E
Utah 03-285	4301530345	1917 FSL, 546 FWL	3	16S	09E
Utah 03-286	4301530344	1690 FSL, 1958 FEL	3	16S	09E
USA 20-287	4300730448	1395 FNL, 979 FWL	20	15S	10E
USA 20-288	4300730451	1566 FSL, 1125 FWL	20	15S	10E
USA 30-289	4300730452	1184 FNL, 1353 FEL	30	15S	10E
USA 30-290	4300730453	1080 FSL, 1508 FEL	30	14S	10E
USA 11-291	4300730501	2609 FNL, 1994 FEL	11	14S	09E
USA 11-292	4300730500	2483 FNL, 664 FWL	11	14S	09E
USA 10-293	4300730498	2011 FNL, 847 FEL	10	14S	09E
USA 10-294	4300730497	1750 FNL, 769 FWL	10	14S	09E
USA 09-295	4300730499	696 FNL, 1198 FEL	9	14S	09E
Fausett 09-296	4300730455	2072 FNL, 798 FWL	9	14S	09E
USA 08-297	4300730491	789 FNL, 958 FEL	8	14S	09E
Ritzakis 08-298	4300730475	798 FNL, 2018 FWL	8	14S	09E
Ritzakis 08-299	4300730479	2187 FSL, 1885 FWL	8	14S	09E
Ritzakis 08-300	4300730476	2485 FSL, 1522 FEL	8	14S	09E
USA 04-302	4300730489	1076 FSL, 1860 FWL	4	14S	09E
USA 04-303	4300730490	597 FSL, 984 FEL	4	14S	09E
Ritzakis 05-304	4300730473	688 FSL, 1888 FWL	5	14S	09E
Ritzakis 05-305	4300730474	1104 FSL, 1196 FEL	5	14S	09E
USA 06-306	4300730492	399 FSL, 306 FEL	6	14S	09E
Helper 07-307	4300730487	672 FNL, 962 FWL	7	15S	09E
USA 31-310	4300730516	624 FNL, 1238 FWL	31	15S	10E
USA 31-311	4300730517	1934 FSL, 973 FWL	31	15S	10E
USA 01-312	4301530350	1453 FNL, 1881 FEL	1	16S	09E

USA 11-314	4301530353	1262 FNL, 1136 FWL	11	16S	09E
USA 10-317	4301530352	1221 FNL, 1104 FEL	10	16S	09E
USA 12-322	4300730576	492 FSL, 495 FWL	10	15S	08E
USA 12-323	4300730577	540 FSL, 784 FEL	12	15S	08E
USA 11-324	4300730575	732 FSL, 1763 FEL	11	15S	08E
USA 14-325	4300730579	890 FNL, 1469 FEL	14	15S	08E
USA 13-326	4300730581	1065 FNL, 1563 FEL	13	15S	08E
USA 13-327	4300730578	1092 FNL, 941 FWL	13	15S	08E
USA 35-328	4300730583	964 FSL, 1999 FWL	35	14S	08E
Utah 09-329	4300730561	884 FSL, 1324 FEL	9	15S	09E
Utah 06-330	4300730562	938 FNL, 1564 FWL	6	15S	09E
Utah 20-333	4300730669	1069 FNL, 1460 FEL	20	15S	09E
Utah 20-334	4300730625	932 FNL, 1655 FWL	20	15S	09E
Utah 20-335	4300730626	2152 FSL, 1716 FWL	20	15S	09E
Utah 19-337	4300730623	926 FNL, 768 FEL	19	15S	09E
Utah 19-338	4300730624	1789 FSL, 1426 FEL	19	15S	09E
Utah 05-343	4301530400	1795 FNL, 1431 FWL	5	16S	09E
Utah 05-344	4301530401	1316 FSL, 1343 FWL	5	16S	09E
Utah 05-345	4301530402	908 FSL, 1449 FEL	5	16S	09E
Utah 08-354	4301530395	1073 FNL, 1914 FEL	8	16S	09E
Utah 08-355	4301530378	1673 FNL, 850 FWL	8	16S	09E
Utah 08-356	4301530379	1701 FSL, 799 FWL	8	16S	09E
Utah 08-357	4301530380	1722 FSL, 1599 FEL	8	16S	09E
Utah 09-358	4301530300	2097 FNL, 1634 FEL	9	16S	09E
Utah 09-359	4301530407	1787 FNL, 871 FWL	9	16S	09E
Utah 09-360	4301530397	1323 FSL, 881 FWL	9	16S	09E
Utah 09-361	4301530408	1564 FSL, 1998 FEL	9	16S	09E
USA 10-362	4301530424	2225 FNL, 494 FWL	10	16S	09E
USA 14-386	4300730634	592 FNL, 2236 FWL	14	15S	08E
USA 24-387	4300730612	1243 FSL, 2306 FWL	10	14S	08E
USA 24-388	4300730613	1177 FSL, 612 FEL	24	14S	08E
Utah 25-389	4300730600	737 FNL, 1976 FEL	25	14S	08E
Utah 25-390	4300730599	1540 FNL, 1354 FWL	25	14S	08E
Utah 25-391A	4300730658	1264 FSL, 1573 FWL	25	14S	08E
Utah 25-392	4300730602	2045 FSL, 1718 FEL	25	14S	09E
USA 26-393	4300730614	1666 FNL, 874 FEL	26	14S	08E
USA 26-394	4300730615	856 FSL, 2377 FWL	26	14S	08E
USA 26-395	4300730616	1927 FSL, 830 FEL	26	14S	08E
USA 35-396	4300730584	616 FNL, 1896 FEL	35	14S	08E
USA 35-397	4300730585	949 FNL, 1264 FWL	35	14S	08E
USA 20-398	4300730590	1374 FNL, 1387 FEL	20	15S	10E
USA 20-399	4300730591	1445 FSL, 1128 FEL	20	15S	10E
Utah 09-412	4300730580	1102 FSL, 1018 FWL	9	15S	10E
Utah 09-413	4300730605	1007 FNL, 1197 FWL	9	15S	10E
Utah 10-415	4301530391	1090 FNL, 557 FEL	10	16S	08E
USA 14-416	4300730646	892 FSL, 1311 FWL	14	15S	08E
USA 14-417	4300730647	1741 FSL, 1054 FEL	14	15S	09E
USA 13-418	4300730645	737 FSL, 793 FEL	13	15S	08E
USA 13-419	4300730631	2617 FSL, 1958 FEL	13	15S	08E

USA 23-423	4300730611	408 FSL, 924 FEL	23	14S	08E
USA 34-434	4300730621	1342 FSL, 922 FEL	34	14S	08E
USA 18-435	4300730619	1868 FNL, 793 FWL	18	14S	09E
USA 07-436	4300730630	3121 FNL, 871 FEL	7	14S	09E
USA 03-442	4300730710	899 FNL, 553 FEL	3	15S	08E
USA 24-443	4300730651	1780 FNL, 2247 FEL	24	15S	08E
USA 24-444	4300730648	1338 FNL, 1153 FWL	24	15S	08E
USA 24-446	4300730708	1377 FNL, 2340 FWL	24	14S	08E
USA 13-447	4300730707	2044 FSL, 741 FEL	13	14S	08E
USA 24-448	4300730652	2146 FSL, 2021 FEL	24	15S	08E
Utah 34-456	4300730713	755 FNL, 1377 FEL	34	14S	08E
USA 13-470	4300730706	1741 FNL, 554 FEL	13	14S	08E
Utah 06-483	4300730716	2456 FSL, 988 FWL	6	15S	09E
American Quasar D1	4300730040	999 FSL, 1552 FWL	31	14S	10E
Arcadia-Telonis D2	4300730093	465 FSL, 560 FEL	19	14S	09E
Utah D3	4300730290	1600 FSL, 1530 FEL	18	15S	10E
Utah D4	4300730314	600 FNL, 500 FWL	24	14S	09E
Fausett D5	4300730351	467 FNL, 1461 FWL	16	14S	09E
Drew D6	4300730100	1300 FSL, 830 FWL	34	14S	09E
Utah D7	4301530338	1371 FSL, 1530 FEL	2	14S	09E
Utah D8	4300730431	1342 FNL, 350 FWL	12	15S	09E
Utah D9	4300730438	1960 FNL, 1487 FWL	32	14S	09E
RGC D10	4300730520	162 FNL, 1557 FEL	28	15S	09E
USA D11	4301530356	1513 FNL, 2437 FEL	13	16S	09E
Sampinos D14	4300730567	1695 FSL, 2133 FEL	16	15S	10E

LAW OFFICES

**PRUITT, GUSHEE & BACHTELL**

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

THOMAS W BACHTELL  
A JOHN DAVIS, III  
JOHN W ANDERSON  
FREDERICK M MACDONALD  
GEORGE S YOUNG  
ANGELA L FRANKLIN  
JOHN S FLITTON  
MICHAEL S JOHNSON  
WILLIAM E WARD

SENIOR COUNSEL:  
ROBERT G PRUITT, JR  
OLIVER W GUSHEE, JR

OF COUNSEL:  
ROBERT G PRUITT, III  
BRENT A BOHMAN

January 29, 2001

**HAND DELIVERED**

Mr. Jim Thompson  
Utah Division of Oil, Gas & Mining  
1594 W. North Temple  
Salt Lake City, UT 84116

*Re: River Gas/Phillips Merger*

Dear Mr. Thompson:

As you may know, River Gas Corporation ("RGC") merged into Phillips Petroleum Company ("Phillips") effective December 31, 2000 at 11:59 p.m. I have enclosed a Certificate of Articles of Merger issued by the Utah Department of Commerce and, although duplicative, a sundry notice formally evidencing the merger for your records, and a list of all wells, including injection wells, formerly operated by RGC.

Please change the Division's records to reflect the change in operator of these wells from RGC to Phillips. All operational questions should be directed to Phillips at the following address:

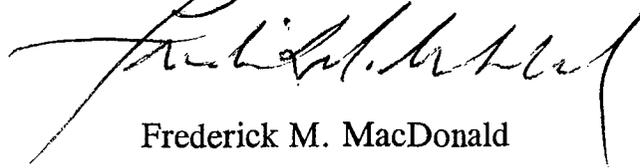
Phillips Petroleum Company  
Attn: Billy Stacy, Operations Manager  
P.O. Box 3368  
Englewood, CO 80155-3368  
Telephone No.: (720) 344-4984

Phillips currently has a bond on file with the Division (a copy of which is enclosed for your reference), but I understand an \$80,000 Letter of Credit is in the process of being substituted.

Mr. Jim Thompson  
January 29, 2001  
Page 2

On behalf of Phillips, I thank you for your cooperation. Should you have any further questions or concerns, please do not hesitate to contact me.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Frederick M. MacDonald". The signature is written in dark ink and is positioned above the printed name.

Frederick M. MacDonald

FMM:cs  
2078.16  
Enclosures  
cc: W. H. Rainbolt  
Billy Stacy



Utah Department of Commerce  
Division of Corporations & Commercial Code  
160 East 300 South, 2nd Floor, Box 146705  
Salt Lake City, UT 84114-6705  
Phone: (801) 530-4849  
Toll Free: (877) 526-3994 Utah Residents  
Fax: (801) 530-6438  
Web site: <http://www.commerce.state.ut.us>

Registration Number: 562960-0143  
Business Name: PHILLIPS PETROLEUM COMPANY  
Registered Date: JUNE 14, 1946

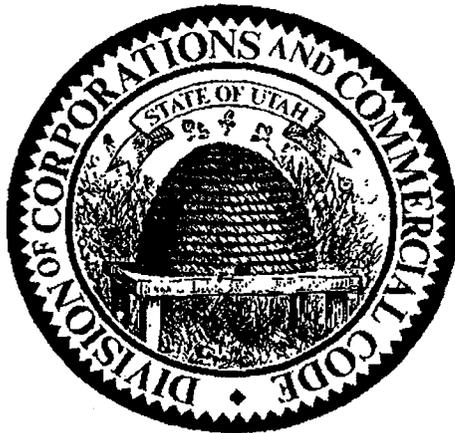
01/12/01

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## CERTIFICATE OF ARTICLES OF MERGER

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE ("DIVISION") HEREBY CERTIFIES THAT

ARTICLES OF MERGER WERE FILED WITH THIS OFFICE ON DECEMBER 12, 2000 MERGING RIVER GAS CORPORATION, A CORPORATION OF THE STATE OF ALABAMA, INTO PHILLIPS PETROLEUM COMPANY, THE SURVIVING CORPORATION WHICH IS OF THE STATE OF DELAWARE, AS APPEARS OF RECORD IN THE OFFICE OF THE DIVISION.



*Ric Campbell*

Ric Campbell  
Acting Division Director of  
Corporations and Commercial Code

---

Dept. of Professional Licensing  
(801)530-6628

Real Estate  
(801)530-6747

Public Utilities  
(801)530-6651

Securities  
(801)530-6600

Consumer Protection  
(801)530-6601

62174 0017119

Office of the Secretary of State

TS

12/13/2000  
Receipt Number: 188532  
Amount Paid: \$145.00

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"RIVER GAS CORPORATION", A ALABAMA CORPORATION,

WITH AND INTO "PHILLIPS PETROLEUM COMPANY" UNDER THE NAME OF "PHILLIPS PETROLEUM COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SIXTH DAY OF DECEMBER, A.D. 2000, AT 10 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2000, AT 11:59 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

12-12-00P04:02 RCVD

State of Utah  
Department of Commerce  
Division of Corporations and Commercial Code  
I hereby certify that the foregoing has been filed and approved on this 12 day of Dec 20 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner [Signature] Date 12/13/00  
[Signature]  
RIC CAMPBELL  
ACTING DIRECTOR



TAB  
FILED

DEC 12 2000

Utah Div. Of Corp. & Comm. Code



[Signature]

Edward J. Freel, Secretary of State  
AUTHENTICATION: 0837738

0064324 8100M

001609453

DATE: 12-07-00

**CERTIFICATE OF OWNERSHIP AND MERGER**

**OF**

**RIVER GAS CORPORATION**

**(an Alabama corporation)**

**into**

**Phillips Petroleum Company**

**(a Delaware corporation)**

It is hereby certified that:

1. Phillips Petroleum Company [hereinafter sometimes referred to as the "Corporation"] is a business corporation of the State of Delaware.

2. The Corporation is the owner of all of the outstanding shares of each class of stock of River Gas Corporation, which is a business corporation of the State of Alabama.

3. The laws of the jurisdiction of organization of River Gas Corporation permit the merger of a business corporation of that jurisdiction with a business corporation of another jurisdiction.

4. The Corporation hereby merges River Gas Corporation into the Corporation.

5. The following is a copy of the resolutions adopted on November 21, 2000 by the Board of Directors of the Corporation to merge the said River Gas Corporation into the Corporation:

"1. Phillips Petroleum Company, which is a business corporation of the State of Delaware and is the owner of all of the outstanding shares of River Gas Corporation, which is a business corporation of the State of Alabama, hereby merges River Gas Corporation into Phillips Petroleum Company pursuant to the provisions of the Alabama Business Corporation Act and pursuant to the

12-12-00P04:02 RCVD

provisions of Section 253 of the General Corporation Law of Delaware.

"2. The separate existence of River Gas Corporation shall cease at the effective time and date of the merger pursuant to the provisions of the Alabama Business Corporation Act; and Phillips Petroleum Company shall continue its existence as the surviving corporation pursuant to the provisions of Section 253 of the General Corporation Law of Delaware.

"3. The Articles of Incorporation of Phillips Petroleum Company are not amended in any respect by this Plan of Merger.

"4. The issued shares of River Gas Corporation shall not be converted or exchanged in any manner, but each said share which is issued immediately prior to the effective time and date of the merger shall be surrendered and extinguished.

"5. Each share of Phillips Petroleum Company outstanding immediately prior to the effective time and date of the merger is to be an identical outstanding share of Phillips Petroleum Company at the effective time and date of the merger.

"6. No shares of Phillips Petroleum Company and no shares, securities, or obligations convertible into such shares are to be issued or delivered under this Plan of Merger.

"7. The Board of Directors and the proper officers of Phillips Petroleum Company are hereby authorized, empowered, and directed to do any and all acts and things, and to make, execute, deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of this Plan of Merger or of the merger herein provided for. "

" This Company approves that the effective time and date of the merger herein provided for in the State of Alabama shall be 11:59 p.m. on December 31, 2000."

"Any Vice President, the Treasurer, any Assistant Treasurer, the Secretary, any Assistant Secretary, and each of them severally, be and hereby is authorized to make, execute,

deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of these resolutions and to do or cause to be done all such acts as are necessary to give effect to the purpose and intent of the approval herein set forth."

6. This Certificate of Ownership and Merger shall be effective at 11:59 p.m. on December 31, 2000.

Executed on November 27, 2000

Phillips Petroleum Company

N. A. Loftis   
N. A. Loftis, Assistant Secretary



United States Department of Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3106  
UTU-47157 et al  
(UT-932)

JAN 30 2001

NOTICE

Phillips Petroleum Company : Oil and Gas  
Attn: W. H. Rainbolt, Rocky Mtn. Region-Land :  
Box 1967 :  
Houston, TX 77251-1967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of River Gas Corporation into Phillips Petroleum Company with Phillips Petroleum Company being the surviving entity.

The oil and gas lease files and rights-of-way files identified on the enclosed exhibit have been noted as to the merger. The exhibit is the list supplied by the representative of the companies, and verified by our computerized records. We have not adjudicated the case files to determine if the entity affected by the merger holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

By recognition of the merger the obligor is automatically changed by operation of law from River Gas Corporation to Phillips Petroleum Company on Letter of Credit No. P-207337 (BLM Bond No. UT0829). A rider to BLM Bond No. ES0048 assuming any and all liabilities of BLM Bond No. UT0829 must be submitted for approval to the Eastern States Office, Attn: Bill Forbes, 7450 Boston Boulevard, Springfield, VA 22153. After the rider is approved, the Letter of Credit will be returned to the financial institution that issued it.

ROBERT LOPEZ

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

RECEIVED

JAN 2 2001

DIVISION OF  
OIL, GAS AND MINING

cc: Moab Field Office  
Vernal Field Office  
Price Field Office  
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114  
The Chase Manhattan Bank, Attn: Standby Letter of Credit Dept., 4 Chase Metrotech Center, 8<sup>th</sup> Floor  
Brooklyn, NY 11245  
Teresa Thompson (UT-931)  
LaVerne Steah (UT-942)  
Pruitt, Gushee & Bachtell, Attn: Frederick M. MacDonald, Suite 1850 Beneficial Life Tower,  
Salt Lake City, Utah 84111-1495  
BLM, Eastern States Office (Attn: Bill Forbes)



4. Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **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: 01/30/2001
7. **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") Pro;** 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: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 02/26/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/26/2001
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
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: 3-19-01

**FILING:**

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

**COMMENTS:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



11/20/02, 10:00 AM  
11/20/02, 10:00 AM

Re: Notice of Address Change, Merger and Name Change  
Address Change effective **December 2, 2002**  
Merger and Name Change effective **December 31, 2002**

Divisions of Oil, Gas, and Mining  
Attn: Mr. John Baza  
1594 West North Temple,  
Suite 1210, P. O. Box 145801  
Salt Lake City, UT 84114-5801

Gentlemen:

1. Effective December 2, 2002, Phillips Petroleum Company will close its Englewood, Colorado Rocky Mountain Region office. After that time, all correspondence, notices and invoice for Land related matters should be directed to the address(es) noted below. Note that until December 31, 2002, all properties in which Phillips held an interest will continue to be operated by Phillips Petroleum Company, a wholly-owned subsidiary of ConocoPhillips.

2. On December 31, 2002, Phillips Petroleum Company and Conoco Inc. will merge, and the surviving corporation will be renamed "ConocoPhillips Company".

In accordance with the notice provisions of the Operating Agreements and other agreements, if any, between our companies, please adjust your company/organization records, effective for address purposes as of December 2, 2002, and for company name purposes, as of January 1, 2003, to reflect the following information for addressing and delivery of notices, invoicing and payment, and communications with ConocoPhillips Company. This will also apply to Lease Sale notices and other lease-related correspondence and notifications.

**U.S. Mail Address:**

ConocoPhillips Company  
P.O. Box 2197  
Houston, Texas 77252  
Attn: Chief Landman,  
San Juan/Rockies

**Physical Address & Overnight Delivery:**

ConocoPhillips Company  
550 Westlake Park Blvd.  
Three Westlake Park  
3WL, Room WL 9000  
Houston, Texas 77079  
Attn: Chief Landman,  
San Juan/Rockies

**All ballots and official notices/responses sent by facsimile transmission should be sent to the following contact:**

**Attn: Chief Landman,  
San Juan/Rockies**

**Fax No.: 832-486-2688 or  
832-486-2687**

Please contact the undersigned immediately if you have any questions. This notice does not apply to royalty inquiries, joint interest billings, or revenue remittances. Please continue to use the same addresses you are currently using for these matters

Sincerely,

*William Rainbolt*

**RECEIVED**

DEC 02 2002

DIVISION OF  
OIL, GAS AND MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>All</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 980 Plaza Office CITY Bartlesville STATE OK ZIP 74004		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (918) 661-4415		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		9. API NUMBER: See List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Conoco Inc. was merged into Phillips Petroleum Company, the surviving corporation, on December 31, 2002. In connection with this merger and effective on the same date, the name of the surviving corporation was changed to "ConocoPhillips Company". We are requesting that a new Operator Number be assigned to ConocoPhillips Company.

Please send production reporting forms to Herb Henderson at ConocoPhillips Company, 315 S. Johnstone, 980 Plaza Office, Bartlesville, OK 74004. Herb's phone number is 918-661-4415.

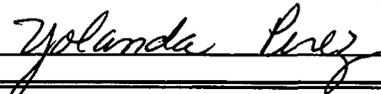
Current Operator  
Phillips Petroleum Company

  
Steve de Albuquerque

New Operator  
ConocoPhillips Company

  
Yolanda Perez

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**JAN 08 2003**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Yolanda Perez</u>	TITLE <u>Sr. Regulatory Analyst</u>
SIGNATURE 	DATE <u>12/30/2002</u>

(This space for State use only)

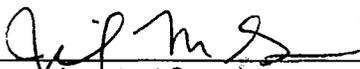


## SECRETARY'S CERTIFICATE

I, the undersigned, Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, formerly Phillips Petroleum Company, organized and existing under and by virtue of the laws of the State of Delaware (the "Corporation"), hereby certify that:

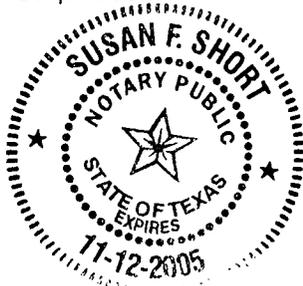
1. As Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation.
2. The attached photocopy of the Certificate of Amendment to the Restated Certificate of Incorporation of Phillips Petroleum Company (to be renamed ConocoPhillips Company) is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12<sup>th</sup> day of December 2002, with an effective date of January 1, 2003 and such Certificate of Amendment has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.
3. The attached photocopy of the Certificate of Merger of Conoco Inc. with and into ConocoPhillips Company is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12<sup>th</sup> day of December 2002, with an effective date of December 31, 2002 and such Certificate of Merger has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of the Corporation this 7th day of January 2003.

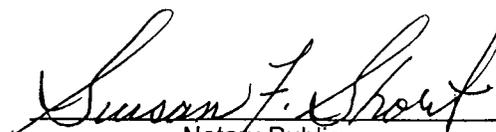
  
 Assistant Secretary  
 ConocoPhillips Company

STATE OF TEXAS           §  
                                       §  
 COUNTY OF HARRIS       §

This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.



RECEIVED  
 JAN 08 2003

  
 Notary Public

# Delaware

PAGE 1

*The First State*

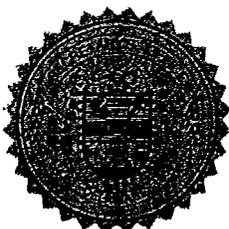
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:41 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11 O'CLOCK P.M.

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JAN 08 2003

DIV. OF OIL, GAS & MINING



0064324 8100

030002793

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183360

DATE: 01-02-03

**CERTIFICATE OF AMENDMENT**

to the

**RESTATED CERTIFICATE OF INCORPORATION**

of

**PHILLIPS PETROLEUM COMPANY  
(to be renamed ConocoPhillips Company)**

Phillips Petroleum Company ("Phillips"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "DGCL"), hereby certifies that:

1. The amendments to Phillips' Restated Certificate of Incorporation set forth below were duly adopted in accordance with the provisions of Section 242 of the DGCL and have been consented to in writing by the sole stockholder of Phillips in accordance with Section 228 of the DGCL.

2. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Article I thereof and replacing in lieu thereof a new Article I reading in its entirety as follows:

"The name of the corporation (which is hereinafter referred to as the "Corporation") is ConocoPhillips Company."

3. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Section 1 of Article IV thereof and replacing in lieu thereof a new Section 1 reading in its entirety as follows:

"Section 1. The Corporation shall be authorized to issue 2,100 shares of capital stock, of which 2,100 shares shall be shares of Common Stock, \$.01 par value ("Common Stock")."

4. Pursuant to Section 103(d) of the DGCL, this amendment will become effective at 11:00 p.m., Eastern time, on December 31, 2002.

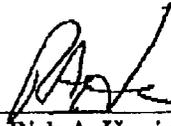
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IN WITNESS WHEREOF, Phillips has caused this certificate to be executed this 12th day of December, 2002.

PHILLIPS PETROLEUM COMPANY

By:   
Name: Rick A. Harrington  
Title: Senior Vice President, Legal,  
and General Counsel

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DIV. OF OIL, GAS & MINING

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CONOCO INC.", A DELAWARE CORPORATION,

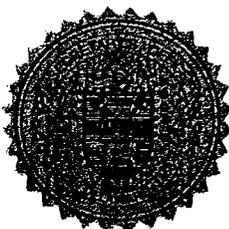
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183370

0064324 8100M

030002793

DATE: 01-02-03

**CERTIFICATE OF MERGER**

of

**Conoco Inc.**  
(a Delaware corporation)

with and into

**ConocoPhillips Company**  
(a Delaware corporation)

Phillips Petroleum Company, a Delaware corporation to be renamed ConocoPhillips Company prior to the effective time of this certificate of merger (the "Surviving Corporation"), in compliance with the requirements of the General Corporation Law of the State of Delaware (the "DGCL") and desiring to effect a merger of Conoco Inc., a Delaware corporation formerly incorporated under the name Du Pont Holdings, Inc. (the "Merging Corporation" and together with the Surviving Corporation, the "Constituent Corporations"), with and into the Surviving Corporation, and acting by its duly authorized officer, DOES HEREBY CERTIFY that:

**First:** As of the date hereof, the name and state of incorporation of each of the Constituent Corporations of the merger are as follows:

<u>NAME</u>	<u>STATE OF INCORPORATION</u>
PHILLIPS PETROLEUM COMPANY	Delaware
CONOCO INC.	Delaware

**Second:** An agreement and plan of merger has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with the requirements of Section 251 of the DGCL;

**Third:** The name of the Surviving Corporation will be ConocoPhillips Company;

**Fourth:** The Certificate of Incorporation of ConocoPhillips Company immediately prior to the merger shall be the Certificate of Incorporation of the Surviving Corporation until such time as it may be amended in accordance with applicable law and the provisions thereof;

**Fifth:** The executed agreement and plan of merger is on file at an office of the Surviving Corporation, the address of which is 600 North Dairy Ashford, Houston, Texas 77079;

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DIV. OF OIL, GAS & MINING

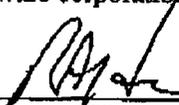
**Sixth:** A copy of the agreement and plan of merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any Constituent Corporation; and

**Seventh:** Pursuant to Section 103(d) of the DGCL, this certificate of merger will become effective at 11:59 p.m., Eastern time, on December 31, 2002.

Dated: December 12, 2002

**PHILLIPS PETROLEUM COMPANY**  
(a Delaware corporation)

WJ

By:   
Name: Rick A. Harrington  
Title: Senior Vice President, Legal,  
and General Counsel

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JAN 08 2003  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF COMMERCE  
REGISTRATION

REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

Corporation - Foreign - Profit  
562960-0143

CONOCOPHILLIPS COMPANY

EFFECTIVE  
06/14/1946

EXPIRATION  
\*RENEWAL

UNITED STATES CORP CO  
CONOCOPHILLIPS COMPANY  
GATEWAY TOWER EAST STE 900  
10 EAST SOUTH TEMPLE  
SLC UT 84133

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JAN 08 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF COMMERCE  
DIVISION OF CORPORATIONS & COMMERCIAL CODE  
REGISTRATION

EFFECTIVE DATE: 06/14/1946  
EXPIRATION DATE: \*RENEWAL  
ISSUED TO: CONOCOPHILLIPS COMPANY



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

562960-0143 Corporation - Foreign - Profit

\*RENEWAL

You will need to renew your registration each anniversary date of the effective date.

Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30887-00-00	ANDREEN 32-529	Gas Well	APD	32	14	S	10	E
43-007-30865-00-00	COTNER 29-549	Gas Well	APD	29	14	S	10	E
43-007-30837-00-00	DALLIN 32-615	Gas Well	APD	32	13	S	9	E
43-047-34551-00-00	FED 43-24-3 #1	Gas Well	APD	24	10	S	17	E
43-047-33982-00-00	FEDERAL 12-17 #1	Gas Well	APD	17	10	S	18	E
43-047-34471-00-00	FEDERAL 12-29-7 1	Gas Well	APD	29	9	S	19	E
43-047-34472-00-00	FEDERAL 31-31-6 1	Gas Well	APD	31	9	S	19	E
43-007-30864-00-00	MCKENDRICK 29-548	Gas Well	APD	29	14	S	10	E
43-015-30512-00-00	PPCO 19-379	Gas Well	APD	19	16	S	9	E
43-015-30515-00-00	PPCO 24-562	Gas Well	APD	24	16	S	8	E
43-015-30548-00-00	PPCO 30-605	Gas Well	APD	30	16	S	9	E
43-007-30888-00-00	PRICE 32-438	Gas Well	APD	32	14	S	10	E
43-007-30813-00-00	RITZAKIS 33-514	Gas Well	APD	33	13	S	9	E
43-007-30766-00-00	RITZAKIS 33-516	Gas Well	APD	33	13	S	9	E
43-007-30838-00-00	ROWLEY 32-616	Gas Well	APD	32	13	S	9	E
43-007-30863-00-00	SCHMIDT 29-531	Gas Well	APD	29	14	S	10	E
43-007-30797-00-00	SEELY 15-498	Gas Well	APD	15	14	S	8	E
43-007-30798-00-00	SEELY 15-499	Gas Well	APD	15	14	S	8	E
43-007-30799-00-00	SEELY 15-500	Gas Well	APD	15	14	S	8	E
43-007-30796-00-00	SEELY 22-492	Gas Well	APD	22	14	S	8	E
43-007-30801-00-00	SEELY 22-502	Gas Well	APD	22	14	S	8	E
43-007-30802-00-00	SEELY 22-503	Gas Well	APD	22	14	S	8	E
43-007-30711-00-00	USA 09-452	Gas Well	APD	9	15	S	8	E
43-015-30351-00-00	USA 11-313	Gas Well	APD	11	16	S	9	E
43-015-30398-00-00	USA 12-385	Gas Well	APD	12	16	S	9	E
43-015-30409-00-00	USA 12-426	Gas Well	APD	12	16	S	9	E
43-007-30805-00-00	USA 14-490	Gas Well	APD	14	14	S	8	E
43-007-30806-00-00	USA 14-491	Gas Well	APD	14	14	S	8	E
43-007-30676-00-00	USA 15-421	Gas Well	APD	15	15	S	8	E
43-015-30417-00-00	USA 21-427	Gas Well	APD	21	16	S	9	E
43-015-30416-00-00	USA 21-428	Gas Well	APD	21	16	S	9	E
43-015-30415-00-00	USA 21-429	Gas Well	APD	21	16	S	9	E
43-007-30515-00-00	USA 31-309	Gas Well	APD	31	15	S	10	E
43-007-30835-00-00	USA 33-515	Gas Well	APD	33	13	S	9	E
43-007-30836-00-00	USA 33-624	Gas Well	APD	33	13	S	9	E
43-007-30803-00-00	USA 34-518	Gas Well	APD	34	14	S	8	E
43-007-30478-00-00	UTAH 05-224	Gas Well	APD	5	15	S	9	E
43-015-30411-00-00	UTAH 16-365	Gas Well	APD	16	16	S	9	E
43-015-30412-00-00	UTAH 16-366	Gas Well	APD	16	16	S	9	E
43-015-30413-00-00	UTAH 16-430	Gas Well	APD	16	16	S	9	E
43-015-30299-00-00	UTAH 18-374	Gas Well	APD	18	16	S	9	E
43-015-30420-00-00	UTAH 19-377	Gas Well	APD	19	16	S	9	E
43-015-30492-00-00	UTAH 19-378	Gas Well	APD	19	16	S	9	E
43-007-30891-00-00	UTAH 19-533	Gas Well	APD	19	14	S	10	E
43-015-30414-00-00	UTAH 20-381	Gas Well	APD	20	16	S	9	E
43-015-30421-00-00	UTAH 20-382	Gas Well	APD	20	16	S	9	E
43-015-30518-00-00	UTAH 25-576	Gas Well	APD	25	16	S	8	E
43-015-30539-00-00	UTAH 25-578	Gas Well	APD	25	16	S	8	E
43-015-30540-00-00	UTAH 25-579	Gas Well	APD	25	16	S	8	E
43-007-30817-00-00	UTAH 25-618	Gas Well	APD	25	13	S	9	E
43-015-30543-00-00	UTAH 26-582	Gas Well	APD	26	16	S	8	E
43-015-30547-00-00	UTAH 29-608	Gas Well	APD	29	16	S	9	E
43-007-30889-00-00	UTAH 32-128	Gas Well	APD	32	14	S	10	E
43-007-30814-00-00	UTAH 35-506	Gas Well	APD	35	13	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-047-33750-00-00	FEDERAL 34-29	Gas Well	P	29	9	S	19	E
43-007-30782-00-00	GAROFOLA 26-482	Gas Well	P	26	15	S	8	E
43-007-30335-00-00	GIACOLETTO 11-113	Gas Well	P	11	14	S	9	E
43-007-30407-00-00	GIACOLETTO 13-120	Gas Well	P	13	14	S	9	E
43-007-30345-00-00	GIACOLETTO 14-121	Gas Well	P	14	14	S	9	E
43-007-30487-00-00	HELPER & ASSOC 07-307	Gas Well	P	7	15	S	9	E
43-007-30459-00-00	HELPER & ASSOC 18-236	Gas Well	P	18	15	S	9	E
43-007-30720-00-00	HELPER & ASSOC 18-308	Gas Well	P	18	15	S	9	E
43-007-30412-00-00	HELPER & ASSOC 8-232	Gas Well	P	8	15	S	9	E
43-007-30258-00-00	HELPER & ASSOCIATES 7-84	Gas Well	P	7	15	S	9	E
43-007-30588-00-00	JENSEN 16-132	Gas Well	P	16	15	S	10	E
43-007-30420-00-00	KAKATSIDES 31-197	Gas Well	P	31	14	S	9	E
43-007-30296-00-00	LDS 17-133	Gas Well	P	17	15	S	10	E
43-007-30323-00-00	PAAR 16-146	Gas Well	P	16	14	S	9	E
43-047-34286-00-00	PETES WASH 23-12 #1	Gas Well	P	12	10	S	17	E
43-007-30748-00-00	PIERUCCI 25-461	Gas Well	P	25	15	S	8	E
43-007-30749-00-00	PIERUCCI 25-462	Gas Well	P	25	15	S	8	E
43-007-30754-00-00	PIERUCCI 26-463	Gas Well	P	26	15	S	8	E
43-007-30755-00-00	PIERUCCI 26-464	Gas Well	P	26	15	S	8	E
43-007-30745-00-00	PIERUCCI 26-481	Gas Well	P	26	15	S	8	E
43-007-30117-00-00	PINNACLE PEAK 19-171	Gas Well	P	19	14	S	9	E
43-007-30845-00-00	PMC 10-526	Gas Well	P	10	15	S	8	E
43-007-30282-00-00	POWELL 19-104	Gas Well	P	19	15	S	10	E
43-007-30283-00-00	POWELL 19-105	Gas Well	P	19	15	S	10	E
43-007-30346-00-00	POWELL 30-173	Gas Well	P	30	15	S	10	E
43-015-30279-00-00	PPCO 10-557	Gas Well	P	10	16	S	8	E
43-015-30494-00-00	PPCO 15-555	Gas Well	P	15	16	S	8	E
43-007-30211-00-00	PRETTYMAN 10-15-34	Gas Well	P	10	14	S	9	E
43-007-30340-00-00	PRETTYMAN 11-114	Gas Well	P	11	14	S	9	E
43-007-30653-00-00	RGC 21-331	Gas Well	P	21	15	S	9	E
43-007-30743-00-00	RGC 21-332	Gas Well	P	21	15	S	9	E
43-007-30747-00-00	RGC 25-460	Gas Well	P	25	15	S	8	E
43-007-30559-00-00	RGC 28-318	Gas Well	P	28	15	S	9	E
43-007-30518-00-00	RGC 28-319	Gas Well	P	28	15	S	9	E
43-007-30509-00-00	RITZAKIS 03-408	Gas Well	P	3	14	S	9	E
43-007-30473-00-00	RITZAKIS 5-304	Gas Well	P	5	14	S	9	E
43-007-30474-00-00	RITZAKIS 5-305	Gas Well	P	5	14	S	9	E
43-007-30475-00-00	RITZAKIS 8-298	Gas Well	P	8	14	S	9	E
43-007-30479-00-00	RITZAKIS 8-299	Gas Well	P	8	14	S	9	E
43-007-30476-00-00	RITZAKIS 8-300	Gas Well	P	8	14	S	9	E
43-007-30374-00-00	ROBERTSON 32-127	Gas Well	P	32	14	S	10	E
43-007-30610-00-00	SAMPINOS 16-131	Gas Well	P	16	15	S	10	E
43-007-30723-00-00	SAMPINOS 16-454	Gas Well	P	16	15	S	10	E
43-007-30765-00-00	SAMPINOS 16-521	Gas Well	P	16	15	S	10	E
43-007-30800-00-00	SEELY 22-501	Gas Well	P	22	14	S	8	E
43-007-30130-00-00	ST OF UT 25-9-1	Gas Well	P	25	14	S	9	E
43-007-30142-00-00	ST OF UT 36-3-4	Gas Well	P	36	14	S	9	E
43-007-30116-00-00	STELLA-HAMAKER 10-174	Gas Well	P	10	15	S	8	E
43-007-30746-00-00	TABOR 23-468	Gas Well	P	23	15	S	8	E
43-007-30319-00-00	TELONIS 15-142	Gas Well	P	15	14	S	9	E
43-007-30322-00-00	TELONIS 16-145	Gas Well	P	16	14	S	9	E
43-007-30300-00-00	TELONIS 19-150	Gas Well	P	19	14	S	9	E
43-007-30299-00-00	TELONIS 19-151	Gas Well	P	19	14	S	9	E
43-007-30327-00-00	TELONIS 20-152	Gas Well	P	20	14	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30631-00-00	USA 13-419	Gas Well	P	13	15	S	8	E
43-007-30707-00-00	USA 13-447	Gas Well	P	13	14	S	8	E
43-007-30706-00-00	USA 13-470	Gas Well	P	13	14	S	8	E
43-007-30789-00-00	USA 13-474	Gas Well	P	13	14	S	8	E
43-007-30790-00-00	USA 13-475	Gas Well	P	13	14	S	8	E
43-007-30568-00-00	USA 13-91	Gas Well	P	13	14	S	9	E
43-007-30404-00-00	USA 14-122	Gas Well	P	14	14	S	9	E
43-015-30418-00-00	USA 1-425	Gas Well	P	1	16	S	9	E
43-007-30579-00-00	USA 14-325	Gas Well	P	14	15	S	8	E
43-007-30634-00-00	USA 14-386	Gas Well	P	14	15	S	8	E
43-007-30646-00-00	USA 14-416	Gas Well	P	14	15	S	8	E
43-007-30647-00-00	USA 14-417	Gas Well	P	14	15	S	8	E
43-007-30791-00-00	USA 14-476	Gas Well	P	14	14	S	8	E
43-007-30792-00-00	USA 14-477	Gas Well	P	14	14	S	8	E
43-007-30529-00-00	USA 14-74	Gas Well	P	14	14	S	9	E
43-007-30263-00-00	USA 14-75	Gas Well	P	14	14	S	9	E
43-007-30450-00-00	USA 15-176	Gas Well	P	15	14	S	9	E
43-007-30423-00-00	USA 15-177	Gas Well	P	15	14	S	9	E
43-007-30690-00-00	USA 15-420	Gas Well	P	15	15	S	8	E
43-007-30691-00-00	USA 15-422	Gas Well	P	15	15	S	8	E
43-007-30264-00-00	USA 15-88	Gas Well	P	15	14	S	9	E
43-007-30422-00-00	USA 17-179	Gas Well	P	17	14	S	9	E
43-007-30622-00-00	USA 17-180A	Gas Well	P	17	14	S	9	E
43-007-30618-00-00	USA 18-181	Gas Well	P	18	14	S	9	E
43-007-30417-00-00	USA 18-182	Gas Well	P	18	14	S	9	E
43-007-30619-00-00	USA 18-435	Gas Well	P	18	14	S	9	E
43-007-30393-00-00	USA 19-222	Gas Well	P	19	15	S	10	E
43-007-30392-00-00	USA 19-73	Gas Well	P	19	15	S	10	E
43-007-30448-00-00	USA 20-287	Gas Well	P	20	15	S	10	E
43-007-30451-00-00	USA 20-288	Gas Well	P	20	15	S	10	E
43-007-30590-00-00	USA 20-398	Gas Well	P	20	15	S	10	E
43-007-30591-00-00	USA 20-399	Gas Well	P	20	15	S	10	E
43-007-30424-00-00	USA 21-184	Gas Well	P	21	14	S	9	E
43-007-30425-00-00	USA 21-35	Gas Well	P	21	14	S	9	E
43-007-30426-00-00	USA 22-185	Gas Well	P	22	14	S	9	E
43-007-30477-00-00	USA 22-186	Gas Well	P	22	14	S	9	E
43-007-30700-00-00	USA 22-466	Gas Well	P	22	15	S	8	E
43-007-30611-00-00	USA 23-423	Gas Well	P	23	14	S	8	E
43-007-30650-00-00	USA 23-445	Gas Well	P	23	15	S	8	E
43-007-30704-00-00	USA 23-451	Gas Well	P	23	15	S	8	E
43-007-30503-00-00	USA 23-467	Gas Well	P	23	15	S	8	E
43-007-30793-00-00	USA 23-478	Gas Well	P	23	14	S	8	E
43-007-30794-00-00	USA 23-479	Gas Well	P	23	14	S	8	E
43-007-30795-00-00	USA 23-480	Gas Well	P	23	14	S	8	E
43-007-30469-00-00	USA 24-183	Gas Well	P	24	14	S	8	E
43-007-30612-00-00	USA 24-387	Gas Well	P	24	14	S	8	E
43-007-30613-00-00	USA 24-388	Gas Well	P	24	14	S	8	E
43-007-30651-00-00	USA 24-443	Gas Well	P	24	15	S	8	E
43-007-30648-00-00	USA 24-444	Gas Well	P	24	15	S	8	E
43-007-30708-00-00	USA 24-446	Gas Well	P	24	14	S	8	E
43-007-30652-00-00	USA 24-448	Gas Well	P	24	15	S	8	E
43-007-30705-00-00	USA 24-449	Gas Well	P	24	15	S	8	E
43-007-30505-00-00	USA 25-459	Gas Well	P	25	15	S	8	E
43-007-30614-00-00	USA 26-393	Gas Well	P	26	14	S	8	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30430-00-00	UTAH 06-223	Gas Well	P	6	15	S	9	E
43-007-30562-00-00	UTAH 06-330	Gas Well	P	6	15	S	9	E
43-007-30716-00-00	UTAH 06-483	Gas Well	P	6	15	S	9	E
43-007-30409-00-00	UTAH 07-234	Gas Well	P	7	15	S	9	E
43-007-30421-00-00	UTAH 07-235	Gas Well	P	7	15	S	9	E
43-007-30411-00-00	UTAH 08-231	Gas Well	P	8	15	S	9	E
43-007-30488-00-00	UTAH 08-233	Gas Well	P	8	15	S	9	E
43-015-30464-00-00	UTAH 08-354	Gas Well	P	8	16	S	9	E
43-015-30378-00-00	UTAH 08-355	Gas Well	P	8	16	S	9	E
43-015-30379-00-00	UTAH 08-356	Gas Well	P	8	16	S	9	E
43-015-30380-00-00	UTAH 08-357	Gas Well	P	8	16	S	9	E
43-007-30449-00-00	UTAH 09-227	Gas Well	P	9	15	S	9	E
43-007-30561-00-00	UTAH 09-329	Gas Well	P	9	15	S	9	E
43-015-30300-00-00	UTAH 09-358	Gas Well	P	9	16	S	9	E
43-015-30407-00-00	UTAH 09-359	Gas Well	P	9	16	S	9	E
43-015-30397-00-00	UTAH 09-360	Gas Well	P	9	16	S	9	E
43-015-30408-00-00	UTAH 09-361	Gas Well	P	9	16	S	9	E
43-007-30580-00-00	UTAH 09-412	Gas Well	P	9	15	S	10	E
43-007-30605-00-00	UTAH 09-413	Gas Well	P	9	15	S	10	E
43-007-30657-00-00	UTAH 09-450	Gas Well	P	9	15	S	10	E
43-007-30722-00-00	UTAH 09-453	Gas Well	P	9	15	S	10	E
43-007-30302-00-00	UTAH 10-01-36	Gas Well	P	10	15	S	9	E
43-007-30298-00-00	UTAH 10-219	Gas Well	P	10	15	S	9	E
43-007-30432-00-00	UTAH 10-220	Gas Well	P	10	15	S	9	E
43-007-30303-00-00	UTAH 10-221	Gas Well	P	10	15	S	9	E
43-007-30228-00-00	UTAH 11-50	Gas Well	P	11	15	S	9	E
43-007-30229-00-00	UTAH 11-51	Gas Well	P	11	15	S	9	E
43-007-30230-00-00	UTAH 11-52	Gas Well	P	11	15	S	9	E
43-007-30231-00-00	UTAH 11-53	Gas Well	P	11	15	S	9	E
43-007-30467-00-00	UTAH 1-209	Gas Well	P	1	15	S	8	E
43-007-30210-00-00	UTAH 12-15-37	Gas Well	P	12	15	S	9	E
43-007-30232-00-00	UTAH 12-54	Gas Well	P	12	15	S	9	E
43-007-30233-00-00	UTAH 12-55	Gas Well	P	12	15	S	9	E
43-007-30234-00-00	UTAH 12-56	Gas Well	P	12	15	S	9	E
43-015-30493-00-00	UTAH 13-376	Gas Well	P	13	16	S	8	E
43-015-30301-00-00	UTAH 13-550	Gas Well	P	13	16	S	8	E
43-007-30243-00-00	UTAH 13-65	Gas Well	P	13	15	S	9	E
43-007-30244-00-00	UTAH 13-66	Gas Well	P	13	15	S	9	E
43-007-30245-00-00	UTAH 13-67	Gas Well	P	13	15	S	9	E
43-007-30246-00-00	UTAH 13-68	Gas Well	P	13	15	S	9	E
43-007-30439-00-00	UTAH 13-92	Gas Well	P	13	14	S	9	E
43-007-30220-00-00	UTAH 1-42	Gas Well	P	1	15	S	9	E
43-007-30221-00-00	UTAH 1-43	Gas Well	P	1	15	S	9	E
43-007-30222-00-00	UTAH 1-44	Gas Well	P	1	15	S	9	E
43-007-30223-00-00	UTAH 1-45	Gas Well	P	1	15	S	9	E
43-015-30330-00-00	UTAH 14-551	Gas Well	P	14	16	S	8	E
43-015-30331-00-00	UTAH 14-552	Gas Well	P	14	16	S	8	E
43-007-30239-00-00	UTAH 14-61	Gas Well	P	14	15	S	9	E
43-007-30240-00-00	UTAH 14-62	Gas Well	P	14	15	S	9	E
43-007-30241-00-00	UTAH 14-63	Gas Well	P	14	15	S	9	E
43-007-30242-00-00	UTAH 14-64	Gas Well	P	14	15	S	9	E
43-015-30334-00-00	UTAH 15-553	Gas Well	P	15	16	S	8	E
43-007-30416-00-00	UTAH 17-101	Gas Well	P	17	15	S	10	E
43-007-30277-00-00	UTAH 17-102	Gas Well	P	17	15	S	10	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30255-00-00	UTAH 24-80	Gas Well	P	24	15	S	9	E
43-007-30256-00-00	UTAH 24-81	Gas Well	P	24	15	S	9	E
43-007-30267-00-00	UTAH 24-86	Gas Well	P	24	15	S	9	E
43-007-30375-00-00	UTAH 24-87	Gas Well	P	24	15	S	9	E
43-007-30227-00-00	UTAH 2-49	Gas Well	P	2	15	S	9	E
43-007-30157-00-00	UTAH 25-11-7	Gas Well	P	25	14	S	9	E
43-007-30399-00-00	UTAH 25-134	Gas Well	P	25	15	S	9	E
43-007-30400-00-00	UTAH 25-252	Gas Well	P	25	15	S	9	E
43-007-30401-00-00	UTAH 25-253	Gas Well	P	25	15	S	9	E
43-007-30402-00-00	UTAH 25-254	Gas Well	P	25	15	S	9	E
43-007-30600-00-00	UTAH 25-389	Gas Well	P	25	14	S	8	E
43-007-30599-00-00	UTAH 25-390	Gas Well	P	25	14	S	8	E
43-007-30658-00-00	UTAH 25-391	Gas Well	P	25	14	S	8	E
43-007-30602-00-00	UTAH 25-392	Gas Well	P	25	14	S	8	E
43-007-30206-00-00	UTAH 25-4-33	Gas Well	P	25	14	S	9	E
43-015-30519-00-00	UTAH 25-577	Gas Well	P	25	16	S	8	E
43-007-30156-00-00	UTAH 25-7-6	Gas Well	P	25	14	S	9	E
43-007-30204-00-00	UTAH 26-11-25	Gas Well	P	26	14	S	9	E
43-007-30205-00-00	UTAH 26-1-23	Gas Well	P	26	14	S	9	E
43-007-30181-00-00	UTAH 26-16-8	Gas Well	P	26	14	S	9	E
43-007-30446-00-00	UTAH 26-255	Gas Well	P	26	15	S	9	E
43-007-30445-00-00	UTAH 26-256	Gas Well	P	26	15	S	9	E
43-007-30444-00-00	UTAH 26-257	Gas Well	P	26	15	S	9	E
43-007-30514-00-00	UTAH 26-267	Gas Well	P	26	15	S	9	E
43-015-30541-00-00	UTAH 26-580	Gas Well	P	26	16	S	8	E
43-015-30542-00-00	UTAH 26-581	Gas Well	P	26	16	S	8	E
43-015-30544-00-00	UTAH 26-583	Gas Well	P	26	16	S	8	E
43-007-30202-00-00	UTAH 26-6-24	Gas Well	P	26	14	S	9	E
43-007-30395-00-00	UTAH 27-187	Gas Well	P	27	14	S	9	E
43-007-30292-00-00	UTAH 27-188	Gas Well	P	27	14	S	9	E
43-007-30457-00-00	UTAH 27-268	Gas Well	P	27	15	S	9	E
43-007-30458-00-00	UTAH 27-269	Gas Well	P	27	15	S	9	E
43-007-30712-00-00	UTAH 27-457	Gas Well	P	27	14	S	8	E
43-007-30714-00-00	UTAH 27-458	Gas Well	P	27	14	S	8	E
43-007-30777-00-00	UTAH 27-520	Gas Well	P	27	14	S	8	E
43-015-30545-00-00	UTAH 27-584	Gas Well	P	27	16	S	8	E
43-007-30193-00-00	UTAH 27-8-29	Gas Well	P	27	14	S	9	E
43-007-30186-00-00	UTAH 27-9-30	Gas Well	P	27	14	S	9	E
43-007-30396-00-00	UTAH 28-189	Gas Well	P	28	14	S	9	E
43-007-30397-00-00	UTAH 28-190	Gas Well	P	28	14	S	9	E
43-007-30293-00-00	UTAH 28-191	Gas Well	P	28	14	S	9	E
43-007-30294-00-00	UTAH 28-192	Gas Well	P	28	14	S	9	E
43-007-30551-00-00	UTAH 28-320	Gas Well	P	28	15	S	9	E
43-007-30560-00-00	UTAH 28-321	Gas Well	P	28	15	S	9	E
43-007-30405-00-00	UTAH 29-193	Gas Well	P	29	14	S	9	E
43-007-30427-00-00	UTAH 29-194	Gas Well	P	29	14	S	9	E
43-007-30739-00-00	UTAH 29-339	Gas Well	P	29	15	S	9	E
43-007-30740-00-00	UTAH 29-340	Gas Well	P	29	15	S	9	E
43-007-30741-00-00	UTAH 29-341	Gas Well	P	29	15	S	9	E
43-007-30742-00-00	UTAH 29-342	Gas Well	P	29	15	S	9	E
43-007-30262-00-00	UTAH 30-125	Gas Well	P	30	14	S	10	E
43-007-30185-00-00	UTAH 30-13-14	Gas Well	P	30	14	S	10	E
43-007-30265-00-00	UTAH 30-195	Gas Well	P	30	14	S	9	E
43-007-30344-00-00	UTAH 30-196	Gas Well	P	30	14	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30178-00-00	UTAH 36-1-2	Gas Well	P	36	14	S	9	E
43-007-30341-00-00	UTAH 36-135	Gas Well	P	36	15	S	9	E
43-007-30343-00-00	UTAH 36-136	Gas Well	P	36	15	S	9	E
43-007-30342-00-00	UTAH 36-137	Gas Well	P	36	15	S	9	E
43-007-30315-00-00	UTAH 36-162	Gas Well	P	36	14	S	8	E
43-007-30316-00-00	UTAH 36-163	Gas Well	P	36	14	S	8	E
43-007-30317-00-00	UTAH 36-164	Gas Well	P	36	14	S	8	E
43-007-30318-00-00	UTAH 36-165	Gas Well	P	36	14	S	8	E
43-007-30144-00-00	UTAH 36-9-5	Gas Well	P	36	14	S	9	E
43-015-30341-00-00	UTAH 4-280	Gas Well	P	4	16	S	9	E
43-015-30342-00-00	UTAH 4-282	Gas Well	P	4	16	S	9	E
43-007-30384-00-00	UTAH 5-205	Gas Well	P	5	15	S	9	E
43-007-30269-00-00	UTAH 5-94	Gas Well	P	5	15	S	10	E
43-007-30270-00-00	UTAH 5-95	Gas Well	P	5	15	S	10	E
43-007-30271-00-00	UTAH 5-96	Gas Well	P	5	15	S	10	E
43-007-30217-00-00	UTAH 6-38	Gas Well	P	6	15	S	10	E
43-007-30218-00-00	UTAH 6-39	Gas Well	P	6	15	S	10	E
43-007-30219-00-00	UTAH 6-40	Gas Well	P	6	15	S	10	E
43-007-30254-00-00	UTAH 6-41	Gas Well	P	6	15	S	10	E
43-007-30235-00-00	UTAH 7-57	Gas Well	P	7	15	S	10	E
43-007-30236-00-00	UTAH 7-58	Gas Well	P	7	15	S	10	E
43-007-30237-00-00	UTAH 7-59	Gas Well	P	7	15	S	10	E
43-007-30238-00-00	UTAH 7-60	Gas Well	P	7	15	S	10	E
43-007-30275-00-00	UTAH 8-100	Gas Well	P	8	15	S	10	E
43-007-30410-00-00	UTAH 8-230	Gas Well	P	8	15	S	9	E
43-007-30272-00-00	UTAH 8-97	Gas Well	P	8	15	S	10	E
43-007-30285-00-00	UTAH 8-98X	Gas Well	P	8	15	S	10	E
43-007-30274-00-00	UTAH 8-99	Gas Well	P	8	15	S	10	E
43-007-30413-00-00	UTAH 9-228	Gas Well	P	9	15	S	9	E
43-007-30414-00-00	UTAH 9-229	Gas Well	P	9	15	S	9	E
43-007-30279-00-00	WILLIAMS 30-78	Gas Well	P	30	14	S	10	E
43-007-30481-00-00	WOOLSTENHULME 05-266	Gas Well	P	5	15	S	10	E
43-015-30250-00-00	UTAH 16-110	Gas Well	Shut In	16	16	S	9	E



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Eastern States Office  
7450 Boston Boulevard  
Springfield, Virginia 22153

IN REPLY REFER TO  
3106.8(932.34)WF

January 16, 2003

### NOTICE

ConocoPhillips Company : Oil & Gas Leases  
P.O. Box 7500 :  
Bartlesville, Oklahoma 74005 :

#### Merger/Name Change Recognized

Acceptable evidence was received in this office on January 14, 2003, concerning the change of name of Phillips Petroleum Company to **ConocoPhillips Company** and the merger of **Conoco Incorporated** into **ConocoPhillips Company** on Federal oil and gas leases, with **ConocoPhillips Company** being the surviving entity.

The Secretary of the State of Delaware certified the effective date of this merger effective December 31, 2002.

The oil and gas lease files identified on the enclosed exhibit have been noted to the merger. The exhibit was compiled from a list of leases obtained from your list of leases. Eastern States has not abstracted the lease files to determine if the entities affected by this merger hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of this merger and name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

By Operation of law the name of the principal on Nationwide Oil and Gas Bond held by Conoco Incorporated (ES0085) has been changed to ConocoPhillips Company.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning, Use  
and Protection

bc: JFO, BLM State Offices, MMS, ES RF, 930 RF, ES-932;  
Bforbes:wbf:01/16/03:440-1536/ConocoPhillips Co

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective: **12-31-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
PHILLIPS PETROLEUM COMPANY	CONOCOPHILLIPS COMPANY
Address: 980 PLAZA OFFICE	Address: P O BOX 2197, WL3 4066
BARTLESVILLE, OK 74004	HOUSTON, TX 77252
Phone: 1-(918)-661-4415	Phone: 1-(832)-486-2329
Account No. N1475	Account No. N2335

**CA No. Unit: DRUNKARDS WASH**

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TELONIS 21-90	21-14S-09E	43-007-30328	11256	FEE	GW	P
TELONIS 21-153	21-14S-09E	43-007-30329	11256	FEE	GW	P
USA 21-184	21-14S-09E	43-007-30424	11256	FEDERAL	GW	P
USA 21-35	21-14S-09E	43-007-30425	11256	FEDERAL	GW	P
TELONIS 22-189	22-14S-09E	43-007-30266	11256	FEE	GW	P
UTAH 22-76	22-14S-09E	43-007-30251	11256	STATE	GW	P
USA 22-185	22-14S-09E	43-007-30426	11256	FEDERAL	GW	P
USA 22-186	22-14S-09E	43-007-30477	11256	FEDERAL	GW	P
UTAH 23-4-20	23-14S-09E	43-007-30194	11256	STATE	GW	P
UTAH 23-14-21	23-14S-09E	43-007-30200	11256	STATE	GW	P
UTAH 23-9-22	23-14S-09E	43-007-30201	11256	STATE	GW	P
UTAH 23-2-19	23-14S-09E	43-007-30207	11256	STATE	GW	P
UTAH 24-12-17	24-14S-09E	43-007-30208	11256	STATE	GW	P
UTAH 24-3-16	24-14S-09E	43-007-30187	11256	STATE	GW	P
UTAH 24-01-15	24-14S-09E	43-007-30191	11256	STATE	GW	P
UTAH 24-16-18	24-14S-09E	43-007-30192	11256	STATE	GW	P
ST OF UT 25-9-1	25-14S-09E	43-007-30130	11256	STATE	GW	P
UTAH 25-7-6	25-14S-09E	43-007-30156	11256	STATE	GW	P
UTAH 25-11-7	25-14S-09E	43-007-30157	11256	STATE	GW	P
UTAH 25-4-33	25-14S-09E	43-007-30206	11256	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/08/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/08/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 02/03/2003
- Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_

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: 01/14/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 01/14/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/14/2003

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: 02/07/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/07/2003
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: 8140-60-24

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

1. Federal well(s) covered by Bond Number: 8015-16-69

**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 6196922
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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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**ORIGINAL**

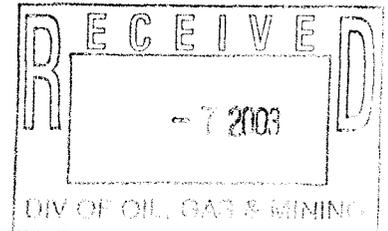
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	5. Lease Designation and Serial Number: <b>ML-38828</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	6. If Indian, Allottee or Tribe Name: <b>N/A</b>
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	7. Unit Agreement Name: <b>UTU67921X Drunkards Wash</b>
2. Name of Operator: <b>ConocoPhillips Company</b>	8. Well Name and Number: <b>UTAH 24-3-16</b>
3. Address and Telephone Number: <b>6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777</b>	9. API Well Number: <b>43-007-30187</b>
4. Location of Well Footages: 1525' FWL, 1310' FNL County: <b>Carbon County</b> NE/NW, SEC. 24, T14S, R09E, SLB & M State: <b>Utah</b>	10. Field or Pool, or Wildcat: <b>Drunkards Wash</b>

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Csg <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off  <input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Acid Treatment</u> Date of work completion <u>03/26/03</u>
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * 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.)

Please be advised that the above referenced well was chemically treated with 250 gallons of 12% Formic Acid on 03/26/03.



13.

Name & Signature: Lynnette Allred *Lynnette Allred* Title: Operations Clerk—Production Date: 04/02/03

(This space for state use only)